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**2001 2nd Edition**

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**BMW Z3 (E36/7)**  
**Z3 Roadster, Z3 Coupe,**  
**M Roadster, M Coupe**

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**Electrical**  
**Troubleshooting**  
**Manual**

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Vehicles produced 6/00 thru Present

PN 01 00 0 136 299



# ELECTRICAL TROUBLESHOOTING MANUAL

**SERIES 3 – E36/7 (Z3 Roadster, Z3 Coupe,  
M Roadster, M Coupe)**

## SCHEMATICS

## MODEL YEAR 2001 2ND EDITION

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## Schematics

The schematics divide the entire vehicle electrical system into individual circuits. Interacting electrical components are shown on one common schematic.

Switches and other components are represented in such a way that their general layout and function are self-explicit. They are arranged on the sheet such that the current path can be followed from positive (top) to negative (bottom).

**Important:** The components and wires are not drawn to scale. For instance, a lead with a length of over 1m can be shown as a lead that is only a few cm long. To ensure clear arrangement , all connectors, lines branches and connected components from the fuses to the component and from the component to ground connection are not shown within the individual cells. If required, reference can be made to cells **0670.3 Fuse Details** and **0670.4 Ground Distribution** where all lines are illustrated with all plug connections, line branches and connected components.

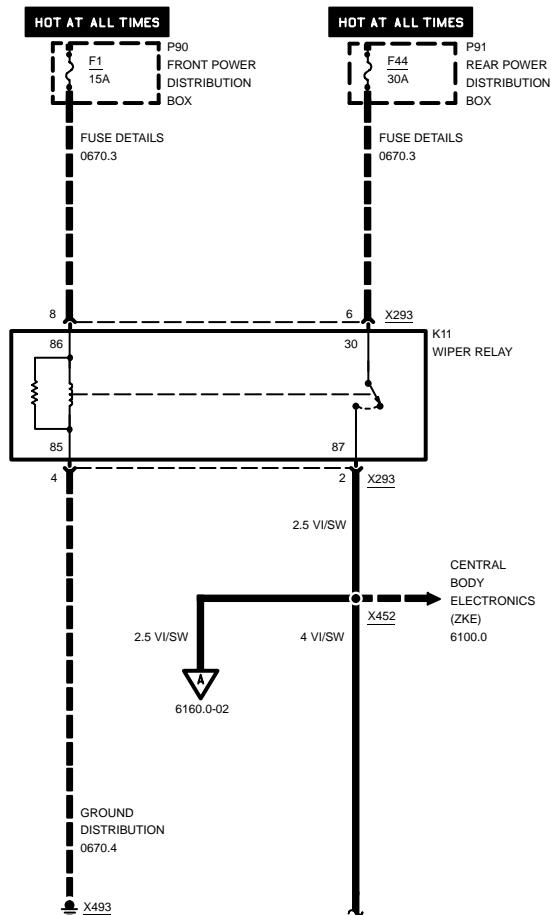
All circuit symbols used are listed and explained in cell **0140.0 Symbols**.

In cell **7000.0 Component Location Chart** all important connectors, ground points and components are listed in tabular form. It provides a precise description of the component locations in the vehicle.

In cell **7100.0 Component Location Views** the location of connectors and components which are difficult to locate are shown in line arts or illustrations. In cell **8000.0 Splice Location Views** all splices are listed in numerical order and illustrations are provided to assist in locating splices on larger harnesses. In cell **8500.0 Connector Views** diagrams of connectors with more than 2 pins are illustrated.

### Example

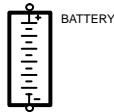
General conventions can be explained based on the following schematic example.



**General Conventions**

1. Switches and relays are always shown in rest position (e.g. K11).
2. A component shown in a dashed frame signifies that the component is illustrated only in part (e.g. P90 and P91).
3. A component shown in a completely drawn frame signifies that the component is illustrated in full (e.g. K11).
4. The dashed line between pin 8 and pin 6 of connector X293 indicates that both pins belong to connector X293.
5. The dashed line from fuse F1 to pin 8 of connector X293 shows the positive supply of relay K11. If required, refer to cell **0670.3 Fuse Details** at fuse F1 for the complete line progression with plug connections, line branches, wire colors and cross sections.
6. The dashed line with an arrow at splice X452 indicates that several wires lead to splice X452. All lines leading to the connection are illustrated in cell **6100.0 Central Body Electronics (ZKE)**. An interrupted line with an arrow indicates that only this one wire leads to another circuit.
7. The dashed line from pin 4 of connector X293 to ground X493 shows the ground supply for relay K11. If required, refer to cell **0670.4 Ground Distribution** at ground X493 for the complete line progression with all plug connections, line branches, wire colors, and cross sections.
8. The interrupted line from splice X452 with an **A** in the open arrow is continued on page 6160.0–02.  
Termination of wire 4 VI/SW from splice X452 with a wavy line indicates that the wire is continued on the opposite page.

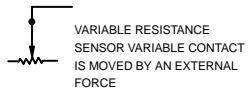
## 0140.0 SYMBOLS



BATTERY



HEATING ELEMENT



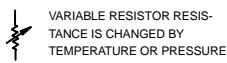
VARIABLE RESISTANCE  
SENSOR VARIABLE CONTACT  
IS MOVED BY AN EXTERNAL  
FORCE



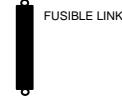
ANTENNA



FUSE DETAILS

LOUDSPEAKER OR  
HORN

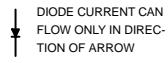
VARIABLE RESISTOR RESI-  
STANCE IS CHANGED BY  
TEMPERATURE OR PRESSURE

CONTROL/POWER  
ELECTRONICS

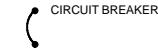
FUSIBLE LINK



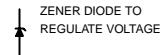
LIGHT



DIODE CURRENT CAN  
FLOW ONLY IN DIREC-  
TION OF ARROW

HALL EFFECT  
SENSOR

CIRCUIT BREAKER

PERMANENT MAGNET  
MOTOR ONE SPEED

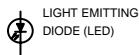
ZENER DIODE TO  
REGULATE VOLTAGE

TRANSISTORIZED  
SWITCH

THERMO SWITCH



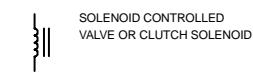
SOLENOID

PERMANENT MAGNET  
MOTOR TWO SPEEDS

LIGHT EMITTING  
DIODE (LED)



N INDUCTIVE  
SENSOR  
S

SOLENOID CONTROLLED  
VALVE OR CLUTCH SOLENOID

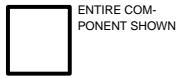
KNOCK SENSOR



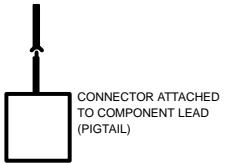
OXYGEN SENSOR



N  
S VEHICLE SPEED  
SENSOR

**SYMBOLS**

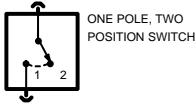
ENTIRE COMPONENT SHOWN



CONNECTOR ATTACHED TO COMPONENT LEAD (PIGTAIL)



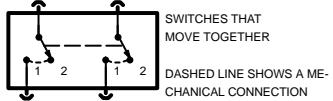
PART OF COMPONENT SHOWN



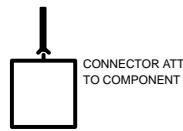
ONE POLE, TWO POSITION SWITCH



COMPONENT WITH SCREW TERMINALS

SWITCHES THAT MOVE TOGETHER  
DASHED LINE SHOWS A MECHANICAL CONNECTION BETWEEN SWITCHES

COMPONENT CASE ATTACHED DIRECTLY TO METAL PART OF CAR (GROUNDED)

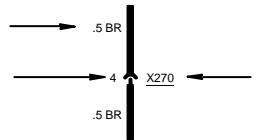


CONNECTOR ATTACHED TO COMPONENT

WIRE COLOR	
BL	BLUE
BR	BROWN
GE	YELLOW
GN	GREEN
GR	GRAY
OR	ORANGE
RS	PINK
RT	RED
SW	BLACK
VI	VIOLET
WS	WHITE
TR	TRANSPARENT

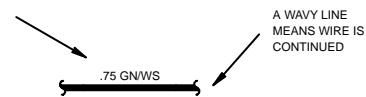
WIRE INSULATION IS ONE COLOR

PIN NUMBER

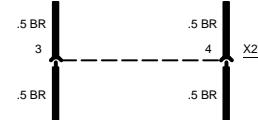


CONNECTOR REFERENCE NUMBER FOR COMPONENT LOCATION CHART

WIRE INSULATION IS ONE COLOR WITH ANOTHER COLOR STRIPE (GREEN WITH WHITE)



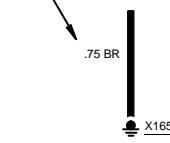
A WAVY LINE MEANS WIRE IS CONTINUED



TWO CONNECTIONS (PINS) IN THE SAME CONNECTOR

DASHED LINE INDICATES TERMINALS OF THE SAME CONNECTOR

WIRE SIZE IN MM SQUARED



WIRE ATTACHED TO METAL PART OF CAR (GROUNDED)

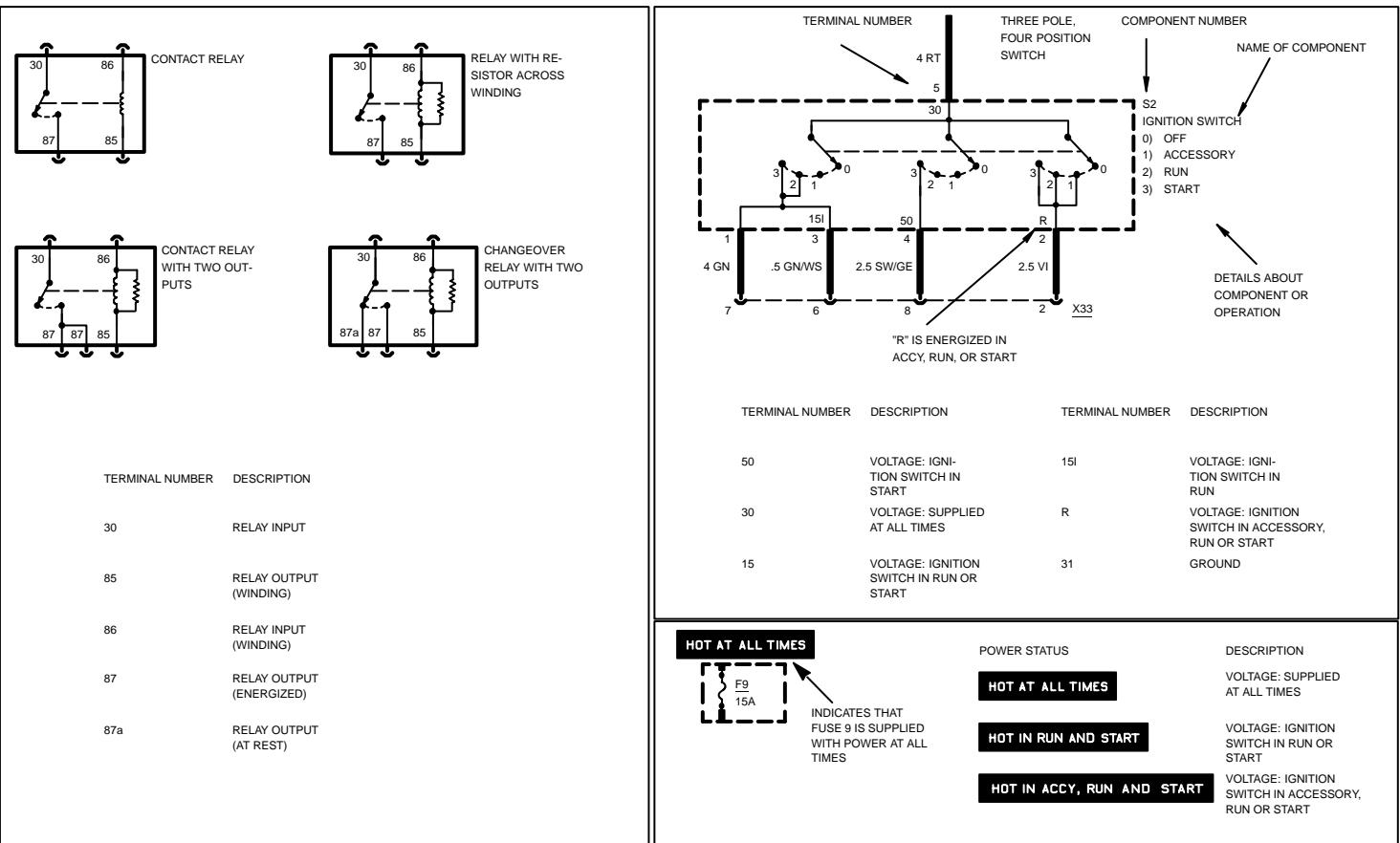
GROUND NUMBERED FOR REFERENCE ON COMPONENT LOCATION CHART

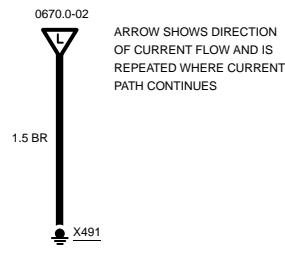
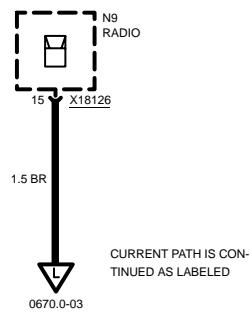
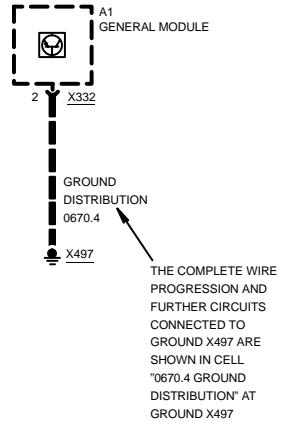
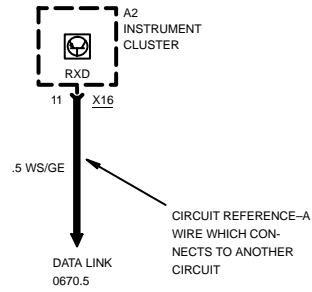
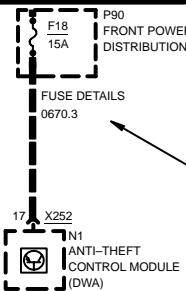
**BMW**  
**3**  
**Z3**

06/00

0140.0-02

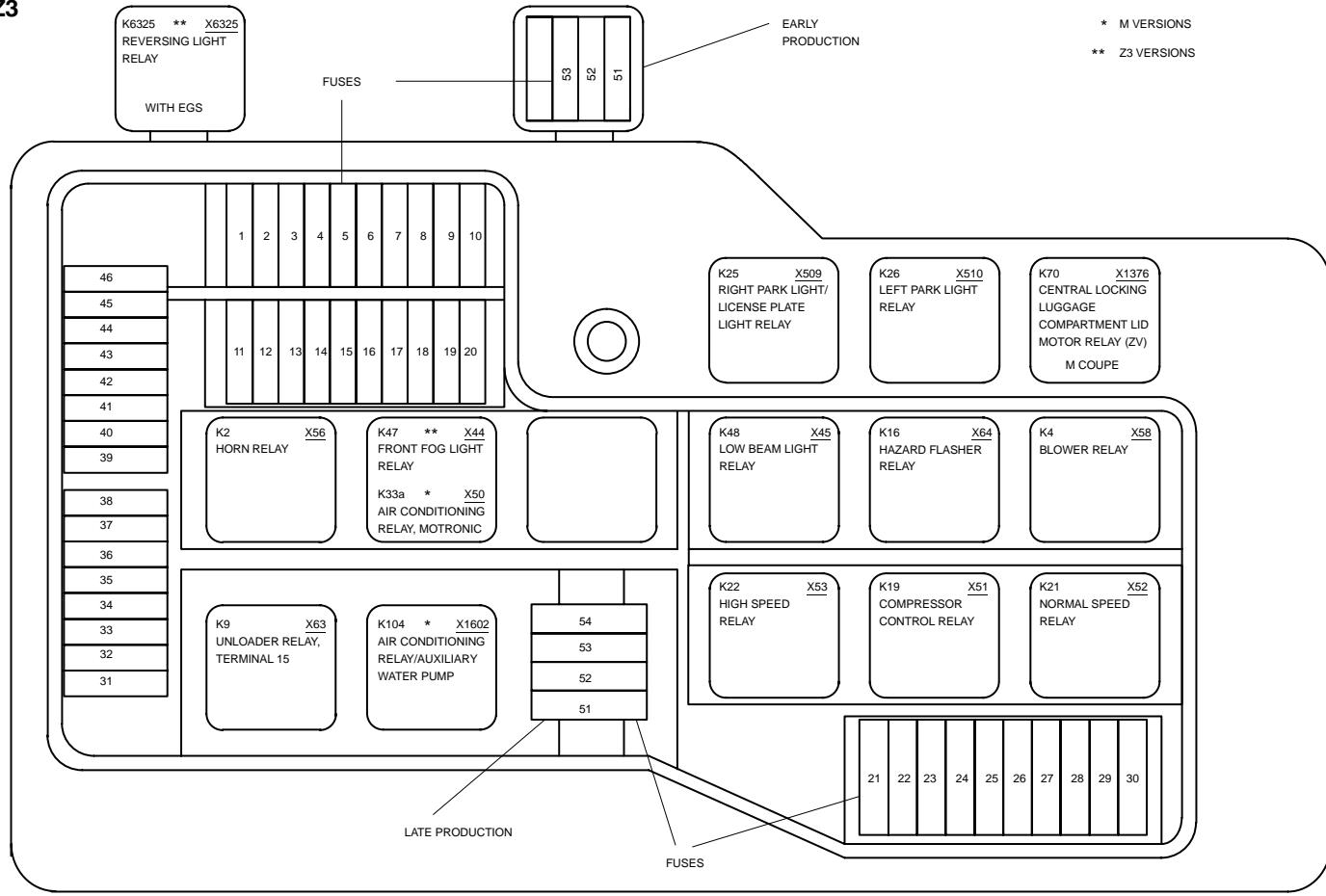
2001





## 0670.0 POWER DISTRIBUTION CHART

### FRONT POWER DISTRIBUTION BOX



**BMW**  
**3**  
**Z3**

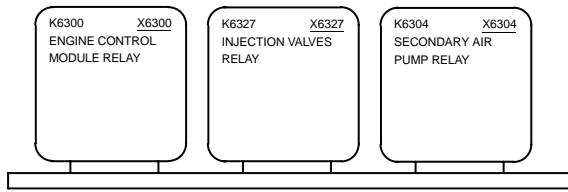
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**POWER DISTRIBUTION CHART**  
**IN E-BOX**

06/00

0670.0-01

2001





## POWER DISTRIBUTION CHART

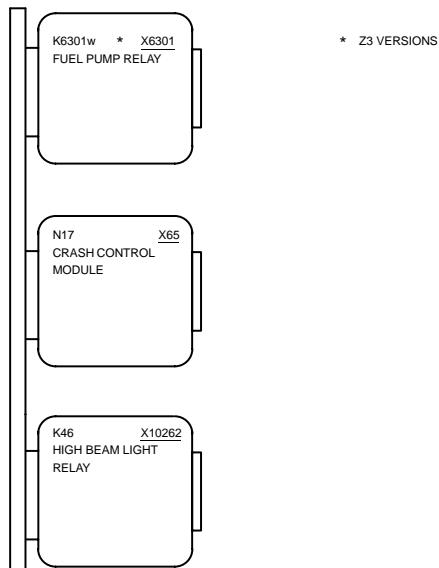
### RELAY PANEL UNDER LH SIDE OF DASHBOARD

Z3

01/01

0670.0-02

2001



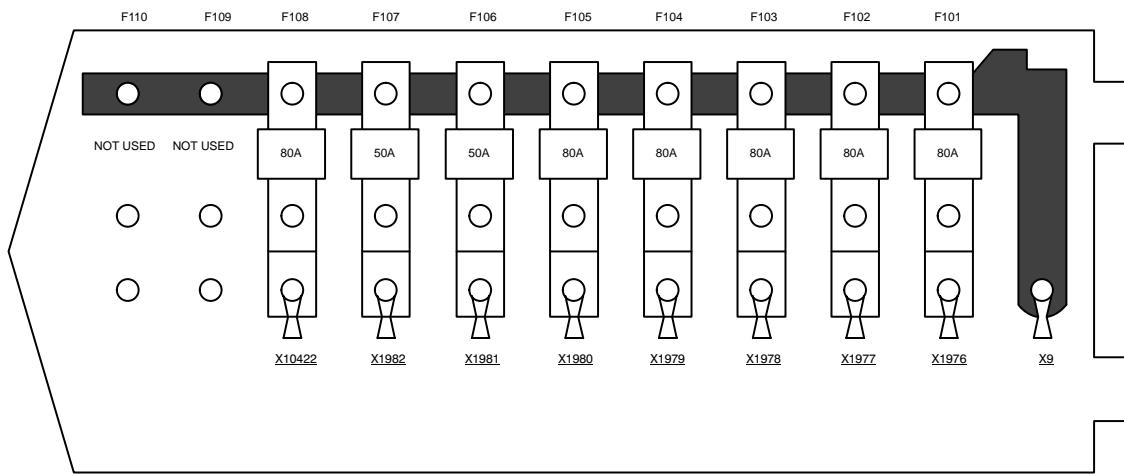
## POWER DISTRIBUTION CHART

B+ JUNCTION POINT UNDER LH SIDE OF DASHBOARD

06/00

0670.0-03

2001



## **BMW** **3** **0670.1 FUSE CHART**

### FUSES 1 TO 29

**Z3**

\* M VERSIONS

#### FUSE NUMBER

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
	30A	15A	30A	15A	30A	20A	5A	15A	20A	30A	7.5A	7.5A	5A	30A	5A*	5A	20A*	15A	30A	30A	5A	5A	5A	10A	5A	10A	5A	7.5A			
<b>1210.26</b> ENGINE CONTROL SYSTEM MS43 (6-CYLINDER M54)													●		●	●										●					
<b>1210.27</b> ENGINE CONTROL SYSTEM MSS54 (6-CYLINDER S54 B32)													●	●	●	●									●	●					
<b>1230.0</b> CHARGING SYSTEM																										●	●				
<b>1240.0</b> START																●															
<b>1290.0</b> E-BOX FAN																										●					
<b>2460.14</b> ELECTRONIC TRANSMISSION CONTROL (EGS: A5S 360R)																										●					
<b>3234.0</b> SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)																										●					
<b>3450.1</b> SLIP CONTROL (ABS/ASC)													●						●						●			●			
<b>3452.1</b> DYNAMIC STABILITY CONTROL (DSC III)													●						●						●			●			
<b>3452.2</b> DYNAMIC STABILITY CONTROL (DSC MK 60)													●						●						●			●			
<b>3614.0</b> TIRE INFLATION SYSTEM																															
<b>3623.1</b> TIRE PRESSURE WARNING SYSTEM (RDW)																											●				
<b>5116.0</b> POWER MIRRORS																										●					
<b>5126.0</b> ZKE CENTRAL LOCKING (ZV)													●																		
<b>5133.0</b> ZKE POWER WINDOWS (FH)																	●														
<b>5200.0</b> POWER SEATS													●												●						
<b>5203.0</b> HEATED SEATS													●																		
<b>5410.5</b> POWER TILT SUNROOF																															
<b>5430.2</b> ELECTRO-HYDRAULIC CONVERTIBLE TOP	●																														
<b>6100.0</b> CENTRAL BODY ELECTRONICS (ZKE IV)		●																●													
<b>6133.0</b> HORN													●																		

**BMW**  
**3**  
**FUSE CHART**  
**FUSES 1 TO 29**

**Z3**

\* M VERSIONS

		FUSE NUMBER																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
		30A	15A	30A	15A	30A	20A	5A	15A	20A	30A	7.5A	7.5A	5A	30A	15A	5A	20A*	15A	30A	30A	5A	5A	5A	10A	5A	10A	5A	7.5A	
<b>6135.1</b> DRIVE-AWAY PROTECTION (EWS III)																														
<b>6160.1</b> WIPER/WASHER MODULE (WWM)		●	●																											
<b>6167.1</b> HEADLIGHT WASHER (SRA)			●																											
<b>6169.0</b> WINDSHIELD WASHER JET HEATERS																							●							
<b>6211.0</b> INSTRUMENT CLUSTER																							●		●	●				
<b>6213.1</b> ANALOG CLOCK																														
<b>6300.0</b> LIGHT SWITCH DETAILS																							●	●	●					
<b>6312.0</b> HEADLIGHTS/FOG LIGHTS																●	●		●			●	●	●	●					
<b>6313.0</b> TURN/HAZARD LIGHTS																						●								
<b>6314.0</b> PARK/TAIL/UNDERHOOD LIGHTS																									●					
<b>6320.0</b> LICENSE PLATE/LUGGAGE COMPARTMENT LIGHTS																									●					
<b>6322.0</b> BACK UP LIGHTS																										●				
<b>6325.0</b> BRAKE LIGHTS																		●												
<b>6330.3</b> INTERIOR LIGHTS			●																											
<b>6332.0</b> INTERIOR ACCESSORIES																														
<b>6350.0</b> CRASH CONTROL MODULE																●	●									●				
<b>6424.0</b> REAR WINDOW DEFOGGER								●															●							
<b>6450.6</b> INTEGRATED HEATING- AND CLIMATE CONTROL																		●		●		●		●						
<b>6510.1</b> RADIO/HIFI										●																				
<b>6561.0</b> CELLULAR TELEPHONE (PROVISIONS)																														

**FUSE CHART****FUSES 1 TO 29****Z3**

* M VERSIONS	FUSE NUMBER																																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29					
	30A	15A	30A	15A	30A	20A	5A	15A	20A	30A	7.5A	7.5A	5A	30A	15A	5A	20A*	15A	30A	5A	5A	5A	10A	5A	10A	5A	7.5A							
6571.0 CRUISE CONTROL (TEMPOMAT)															●												●							
6575.0 ANTI-THEFT SYSTEM (DWA)		●						●									●																	
6575.2 ANTI-THEFT SYSTEM (ALPINE)																																		
6581.3 BOARD COMPUTER (BC – LOW)															●																			
6610.2 REMOTE CONTROL ZV/DWA																																		

**0670.1-02**

2001

01/01

**BMW**  
**3** **FUSE CHART**
**Z3** **FUSES 30 TO 205**

	FUSE NUMBER																												
	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	48	51	52	53	54	201	202	203	204	205		
	7.5A	5A	30A	10A	15A	25A	30A	10A	30A	7.5A	30A	7.5A	5A	15A	7.5A	15A	40A	30A	30A	30A	30A	30A	30A	20A	30A	30A			
1210.26 ENGINE CONTROL SYSTEM MS43 (6-CYLINDER M54)										●				●										●	●	●	●		
1210.27 ENGINE CONTROL SYSTEM MSS54 (6-CYLINDER S54 B32)										●				●		●								●	●	●	●		
1230.0 CHARGING SYSTEM																													
1240.0 START		●																●											
1290.0 E-BOX FAN																										●			
2460.14 ELECTRONIC TRANSMISSION CONTROL (EGS: A5S 360R)																		●							●	●			
3234.0 SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)														●	●														
3450.1 SLIP CONTROL (ABS/ASC)										●								●											
3452.1 DYNAMIC STABILITY CONTROL (DSC III)																		●		●	●	●							
3452.2 DYNAMIC STABILITY CONTROL (DSC MK 60)																		●		●	●	●							
3614.0 TIRE INFLATION SYSTEM																													
3623.1 TIRE PRESSURE WARNING SYSTEM (RDW)																													
5116.0 POWER MIRRORS																		●											
5126.0 ZKE CENTRAL LOCKING (ZV)									●									●											
5133.0 ZKE POWER WINDOWS (FH)																													
5200.0 POWER SEATS																													
5203.0 HEATED SEATS																													
5410.5 POWER TILT SUNROOF																			●										
5430.2 ELECTRO-HYDRAULIC CONVERTIBLE TOP																			●										
6100.0 CENTRAL BODY ELECTRONICS (ZKE IV)									●	●							●												
6133.0 HORN																		●											

**BMW FUSE CHART**
**Z3 FUSES 30 TO 205**
**Z3**

	FUSE NUMBER																											
	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	48	51	52	53	54	201	202	203	204	205	
	7.5A	5A	30A	10A	15A	25A	30A	10A	30A	7.5A	30A	7.5A	5A	15A	7.5A	15A	40A	30A										
6135.1 DRIVE-AWAY PROTECTION (EWS III)	●																●											
6160.1 WIPER/WASHER MODULE (WWM)									●	●							●											
6167.1 HEADLIGHT WASHER (SRA)								●									●											
6169.0 WINDSHIELD WASHER JET HEATERS																												
6211.0 INSTRUMENT CLUSTER	●																	●										
6213.1 ANALOG CLOCK	●																											
6300.0 LIGHT SWITCH DETAILS							●			●																		
6312.0 HEADLIGHTS/FOG LIGHTS	●																											
6313.0 TURN/HAZARD LIGHTS								●																				
6314.0 PARK/TAIL/UNDERHOOD LIGHTS							●			●																		
6320.0 LICENSE PLATE/LUGGAGE COMPARTMENT LIGHTS							●			●																		
6322.0 BACK UP LIGHTS																											●	
6325.0 BRAKE LIGHTS																			●									
6330.3 INTERIOR LIGHTS							●											●										
6332.0 INTERIOR ACCESSORIES							●																					
6350.0 CRASH CONTROL MODULE								●																				
6424.0 REAR WINDOW DEFOGGER																												
6450.6 INTEGRATED HEATING- AND CLIMATE CONTROL													●	●					●							●		
6510.1 RADIO/HIFI																			●									
6561.0 CELLULAR TELEPHONE (PROVISIONS)								●										●										
6571.0 CRUISE CONTROL (TEMPOMAT)																	●	●	●									

**FUSE CHART****FUSES 30 TO 205****Z3**

FUSE NUMBER																										
30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	48	51	52	53	54	201	202	203	204	205
7.5A	5A	30A	10A	15A	25A	30A	10A	30A	7.5A	30A	7.5A	5A	15A	7.5A	15A	40A	30A	20A	30A	30A						

6575.0 ANTI-THEFT SYSTEM (DWA)

●																										
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

6575.2 ANTI-THEFT SYSTEM (ALPINE)

●															●											
---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--	--	--

6581.3 BOARD COMPUTER (BC - LOW)

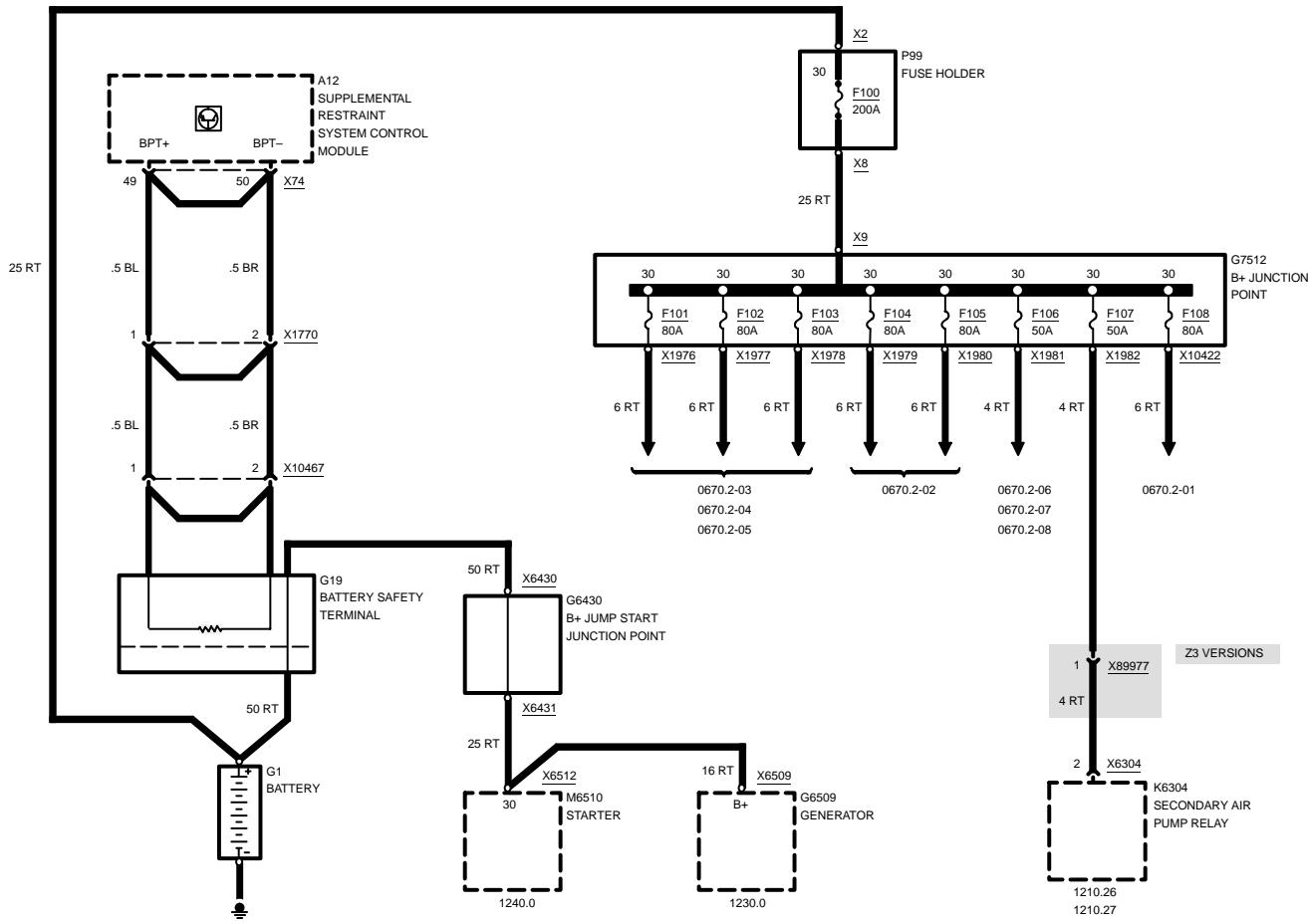
●																			●							
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6610.2 REMOTE CONTROL ZV/DWA

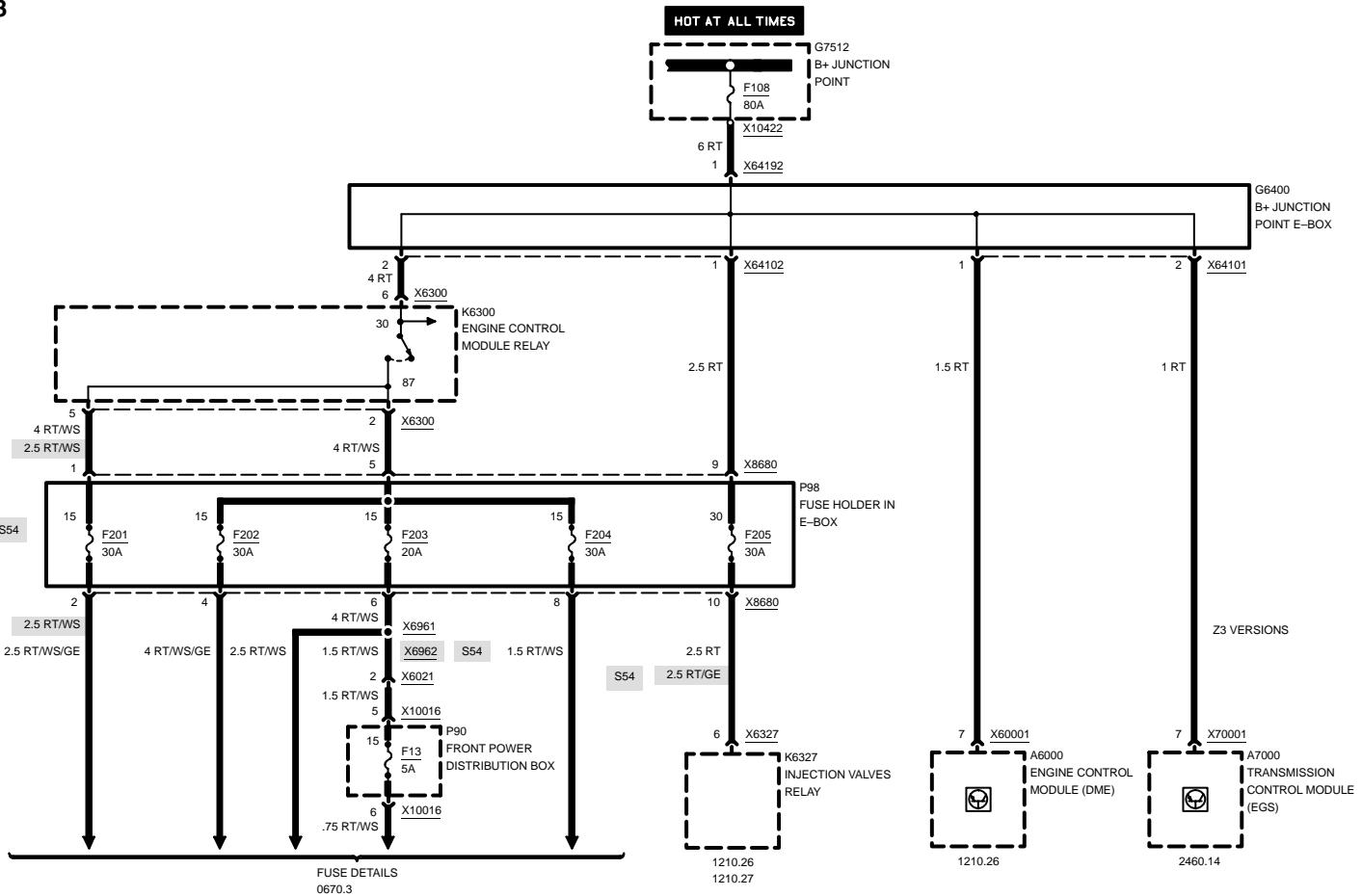
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**0670.2 POWER DISTRIBUTION**

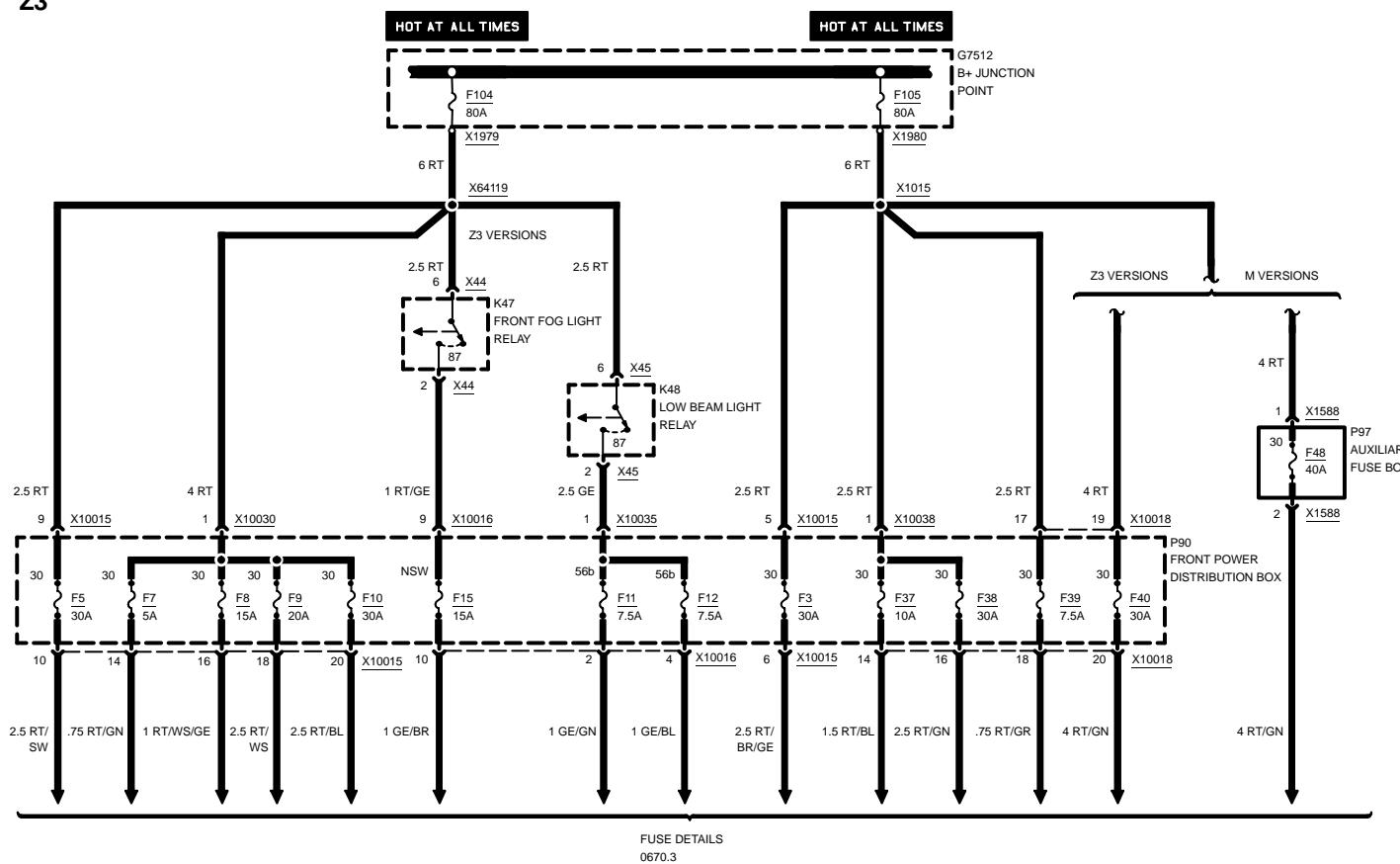
Z3



## POWER DISTRIBUTION



## POWER DISTRIBUTION



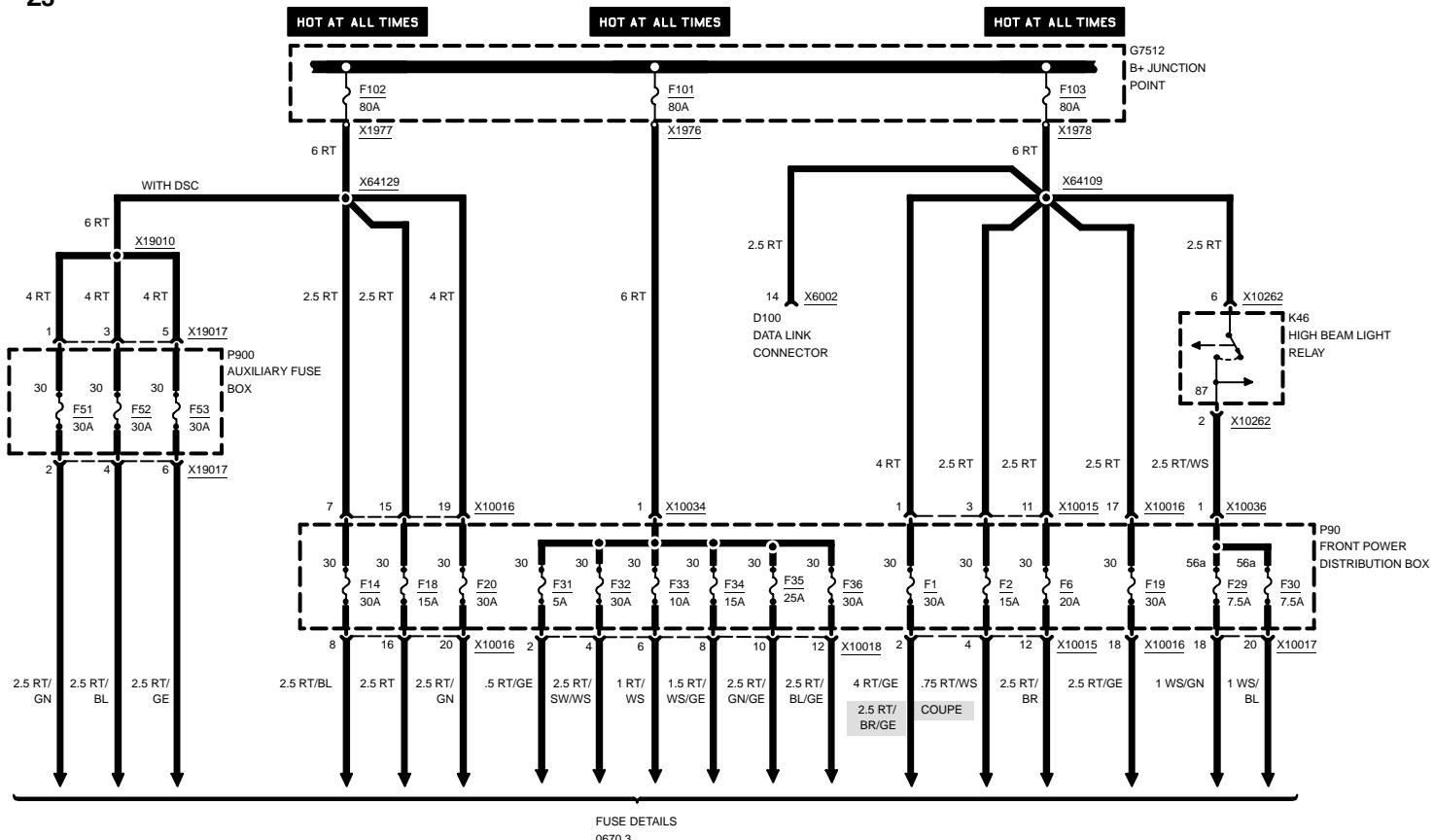
## POWER DISTRIBUTION

Z3 VERSIONS EARLY PRODUCTION

01/01

0670-2-03

2001

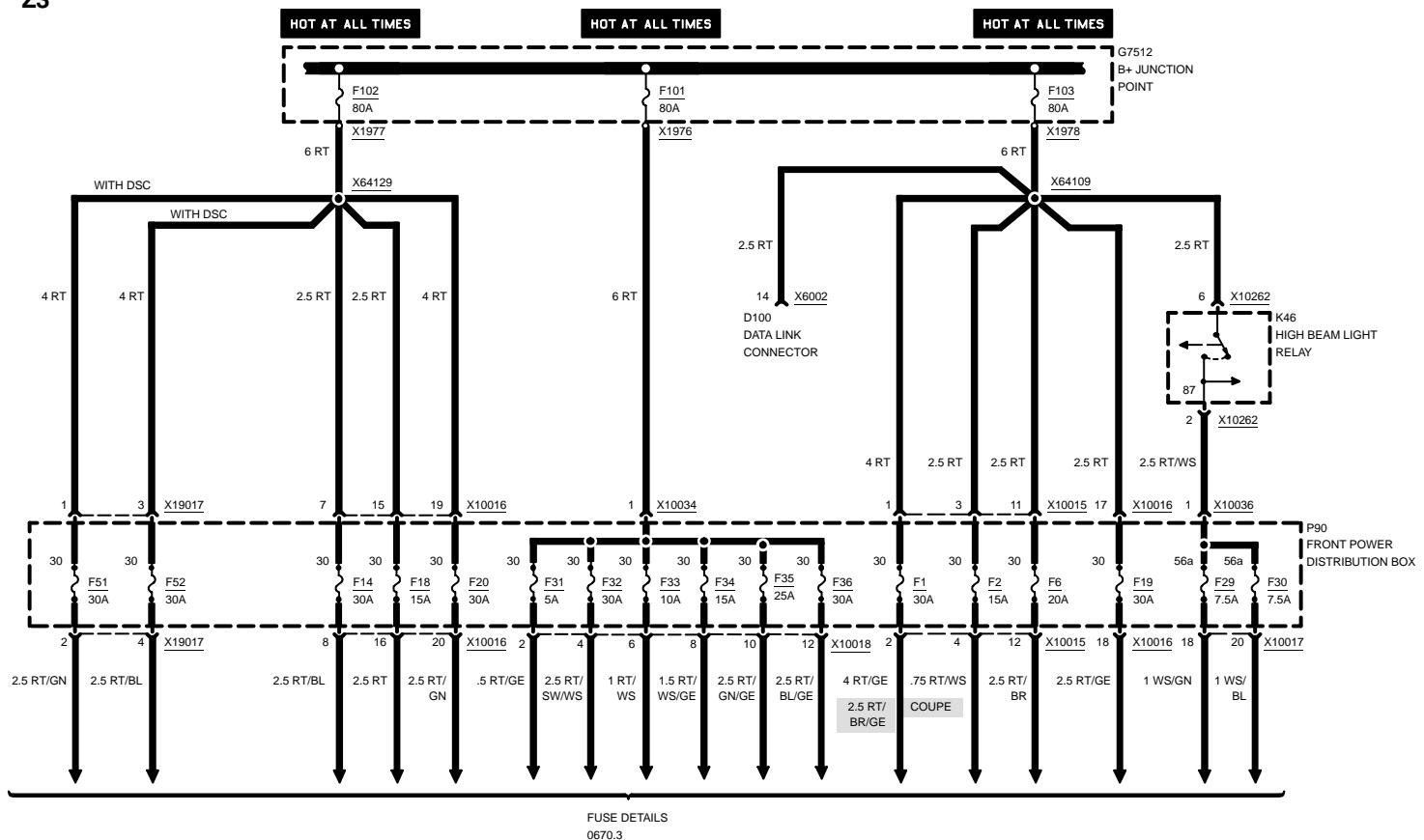


**POWER DISTRIBUTION****Z3 VERSIONS LATE PRODUCTION**

01/01

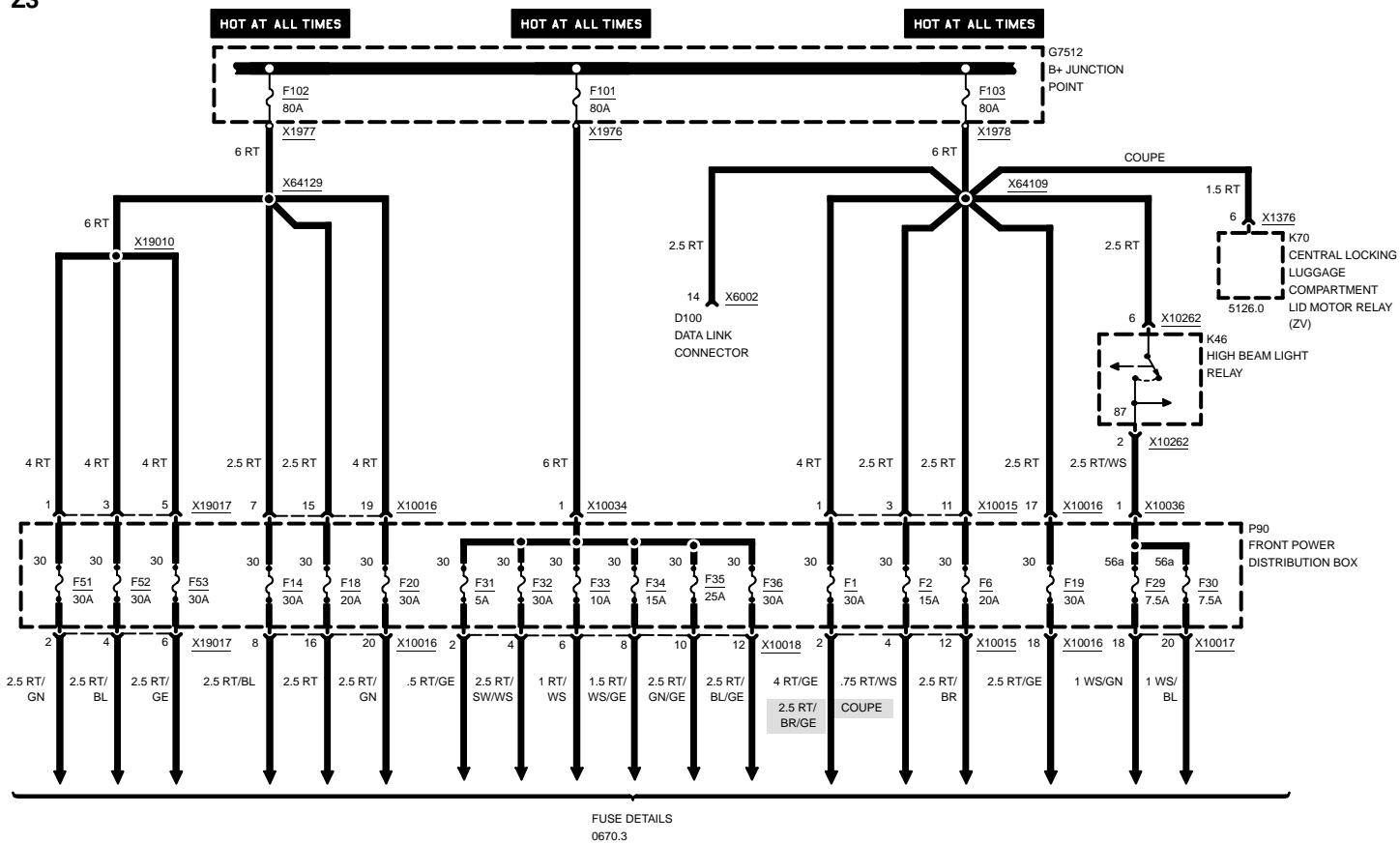
0670-2-04

2001



## POWER DISTRIBUTION

M VERSIONS



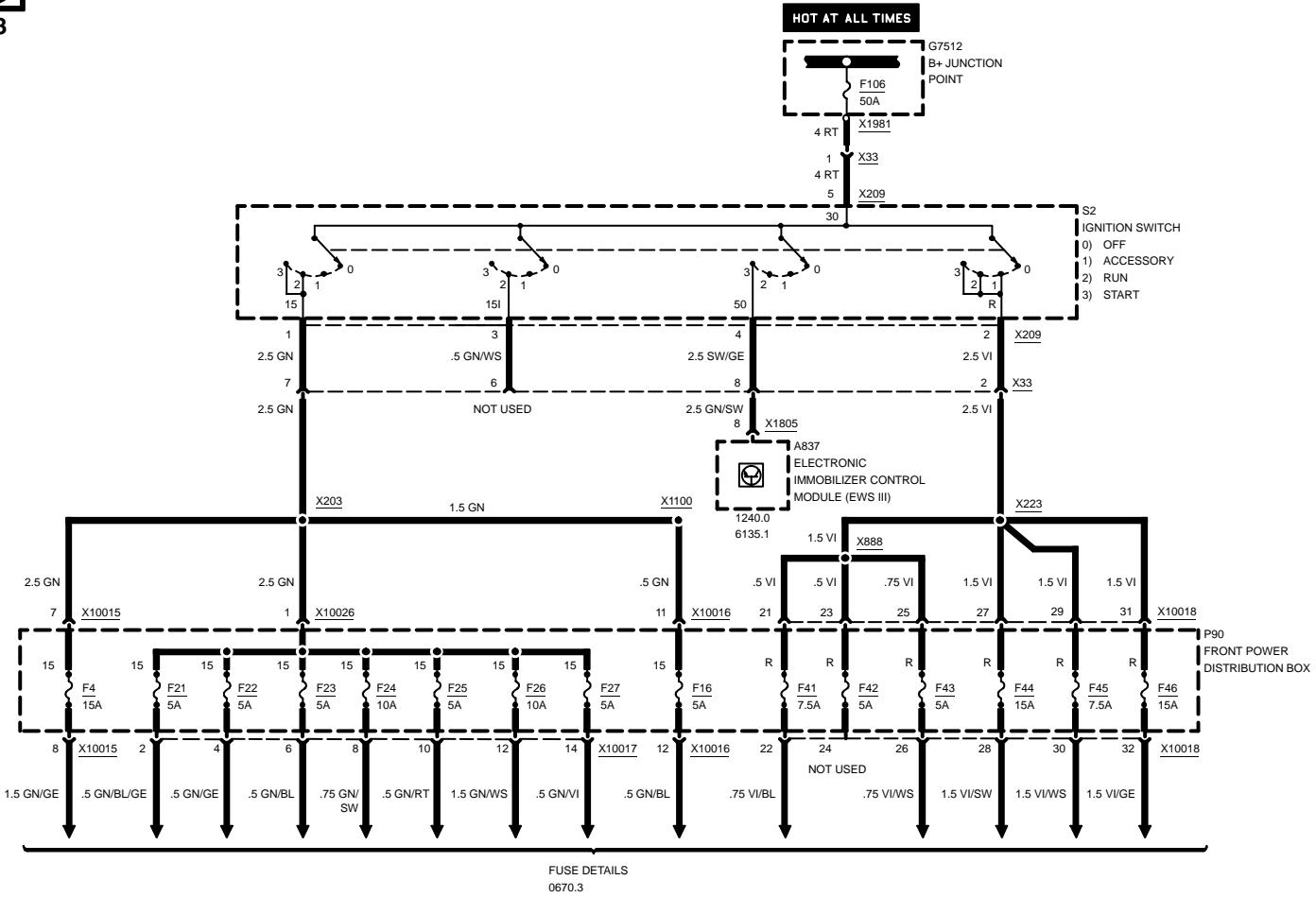
## POWER DISTRIBUTION

Z3 VERSIONS EARLY PRODUCTION

01/01

0670-2-06

2001



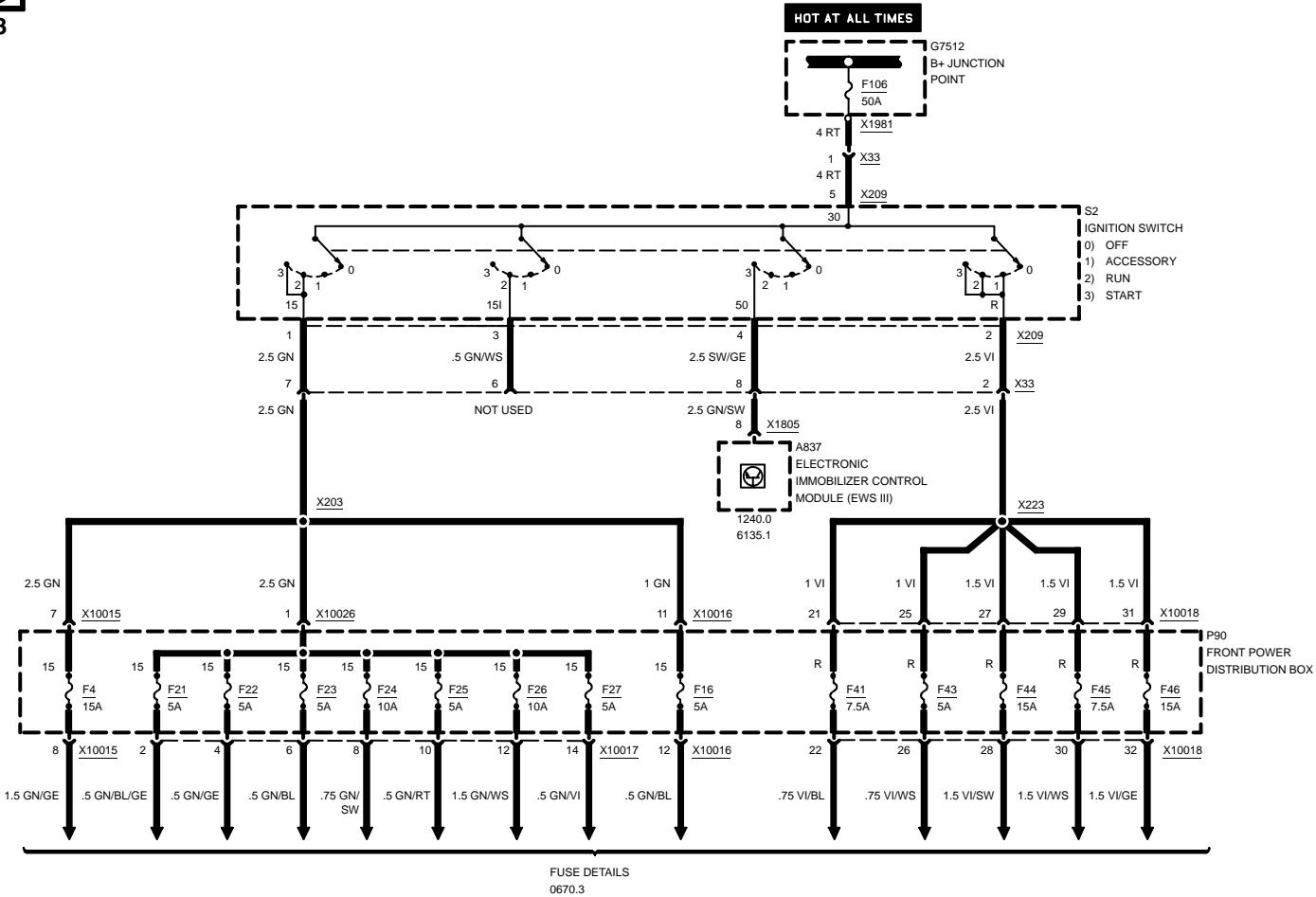
## POWER DISTRIBUTION

Z3 VERSIONS LATE PRODUCTION

01/01

0670-2-07

2001



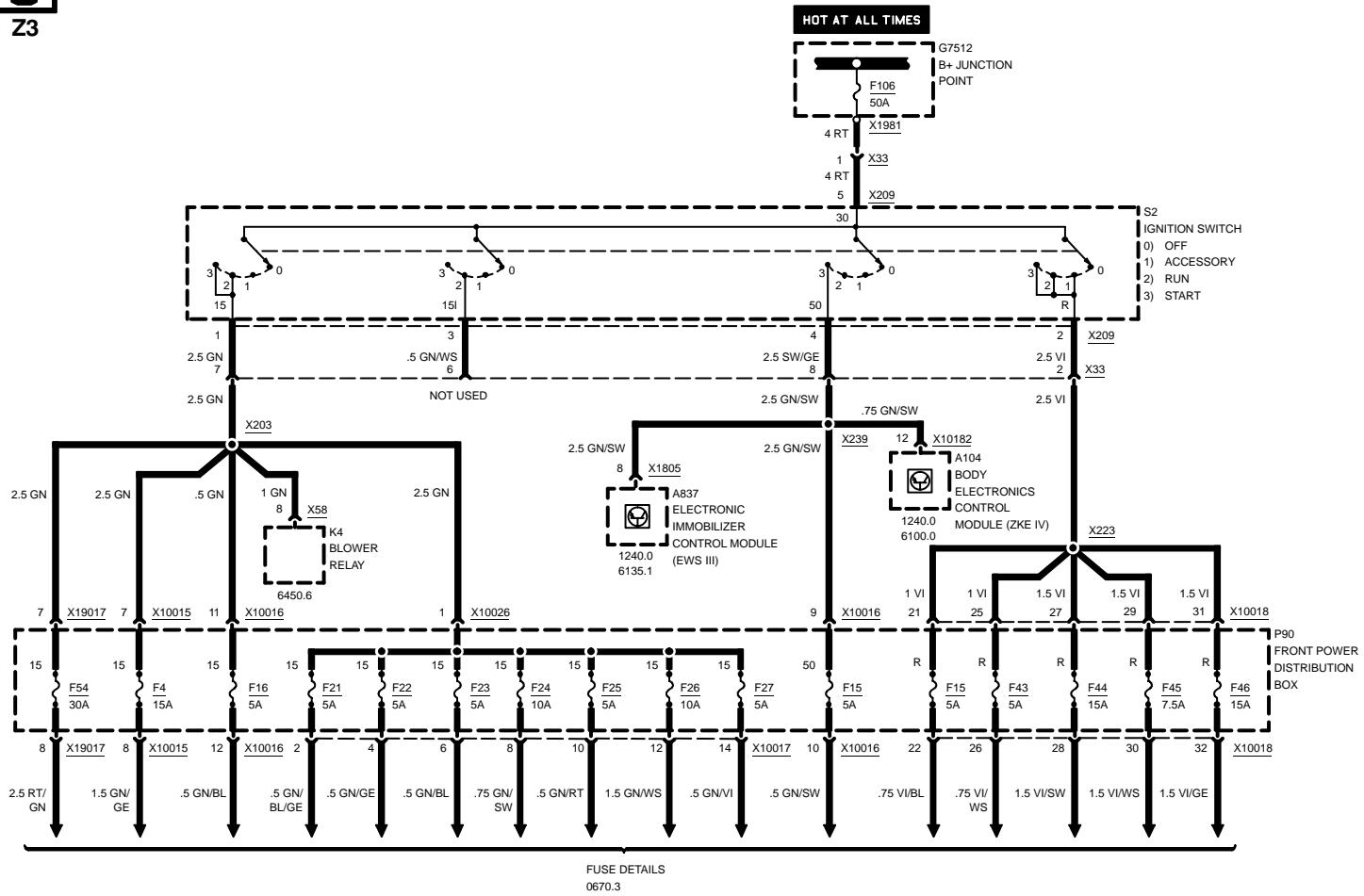
## POWER DISTRIBUTION

M VERSIONS

01/01

0670-2-08

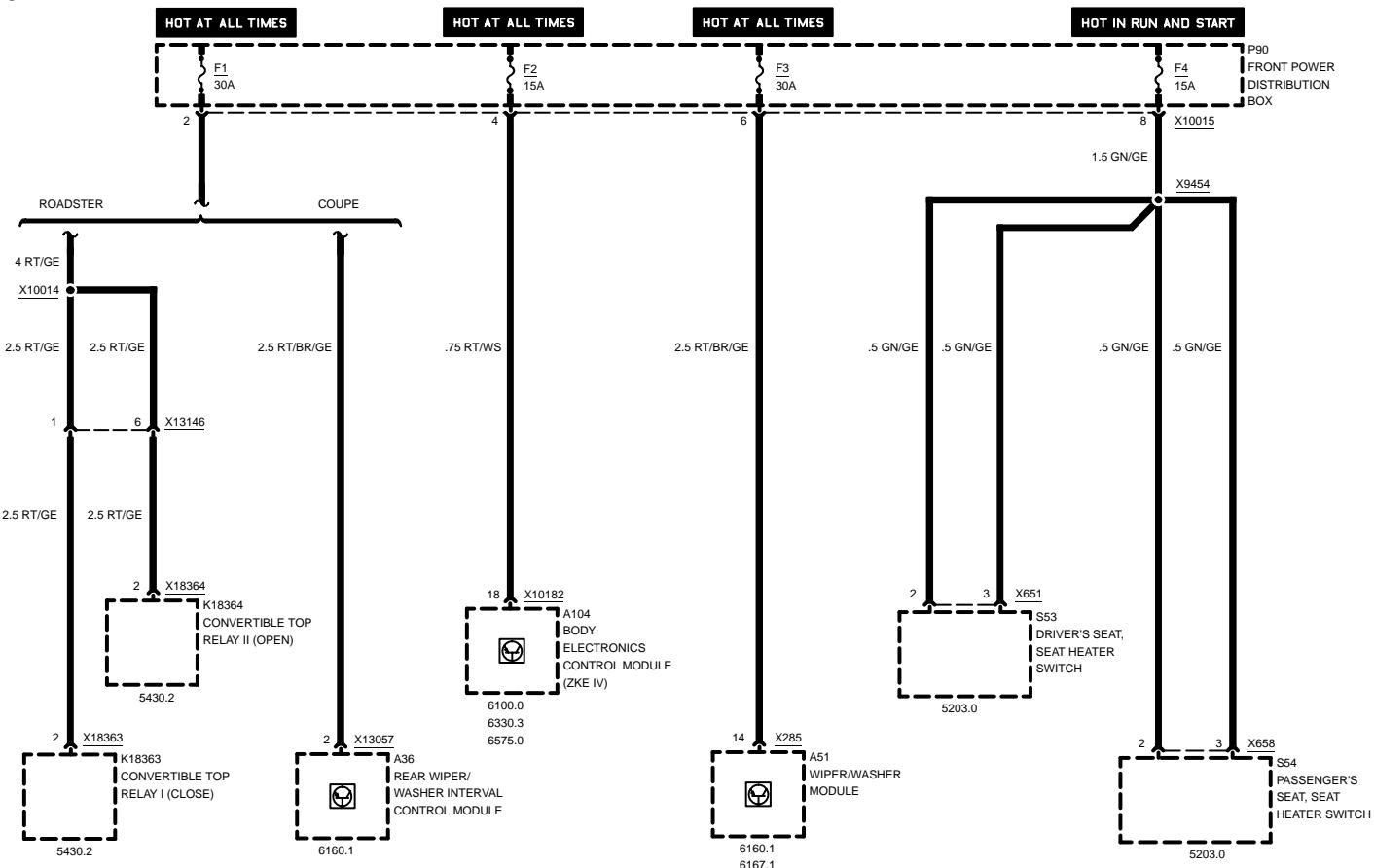
2001



## BMW 3 0670.3 FUSE DETAILS

### FUSES 1, 2, 3, AND 4

Z3



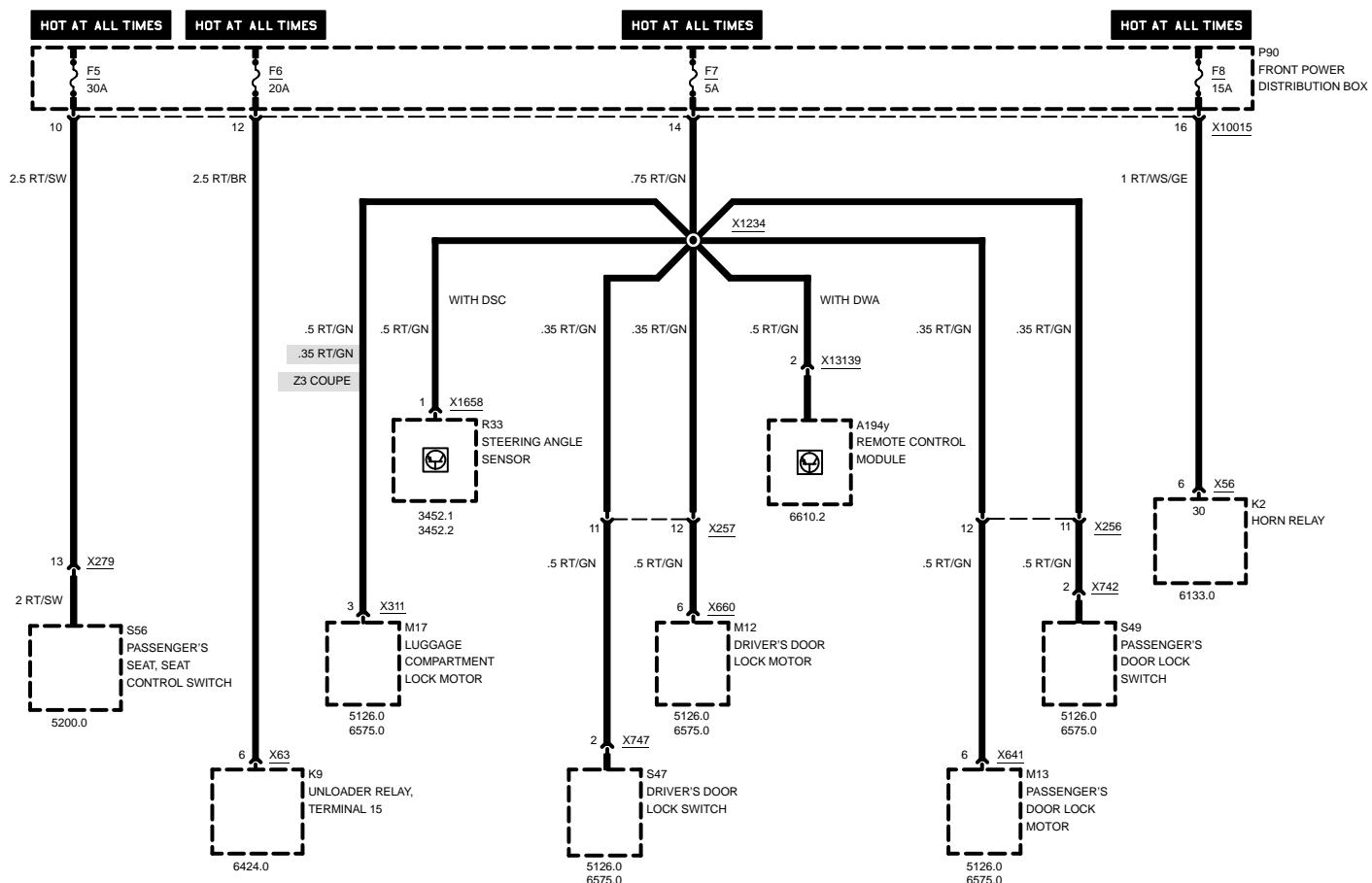
01/01

0670.3-00

2001

**BMW  
3  
FUSE DETAILS**  
**FUSES 5, 6, 7, AND 8**

Z3



01/01

0670.3-01

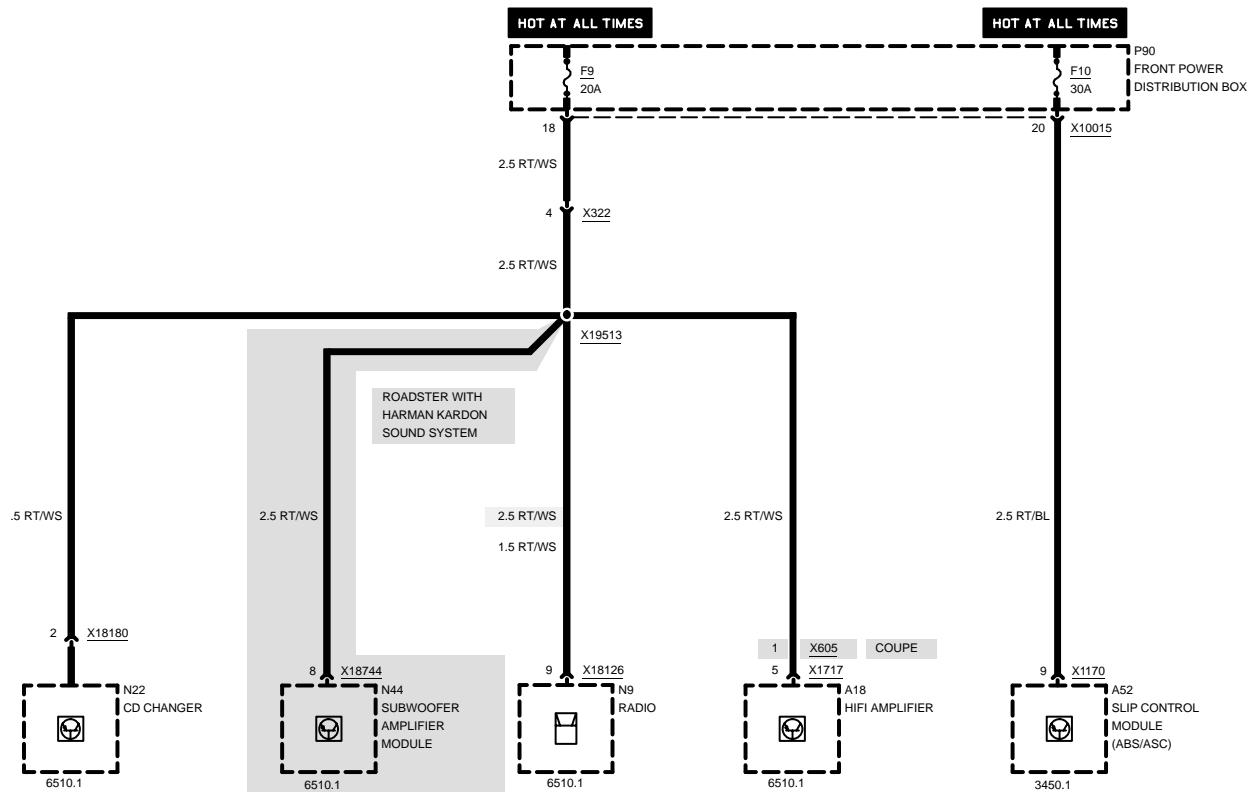
2001

**BMW  
3  
FUSE DETAILS  
Z3**

06/00

0670.3-02

2001

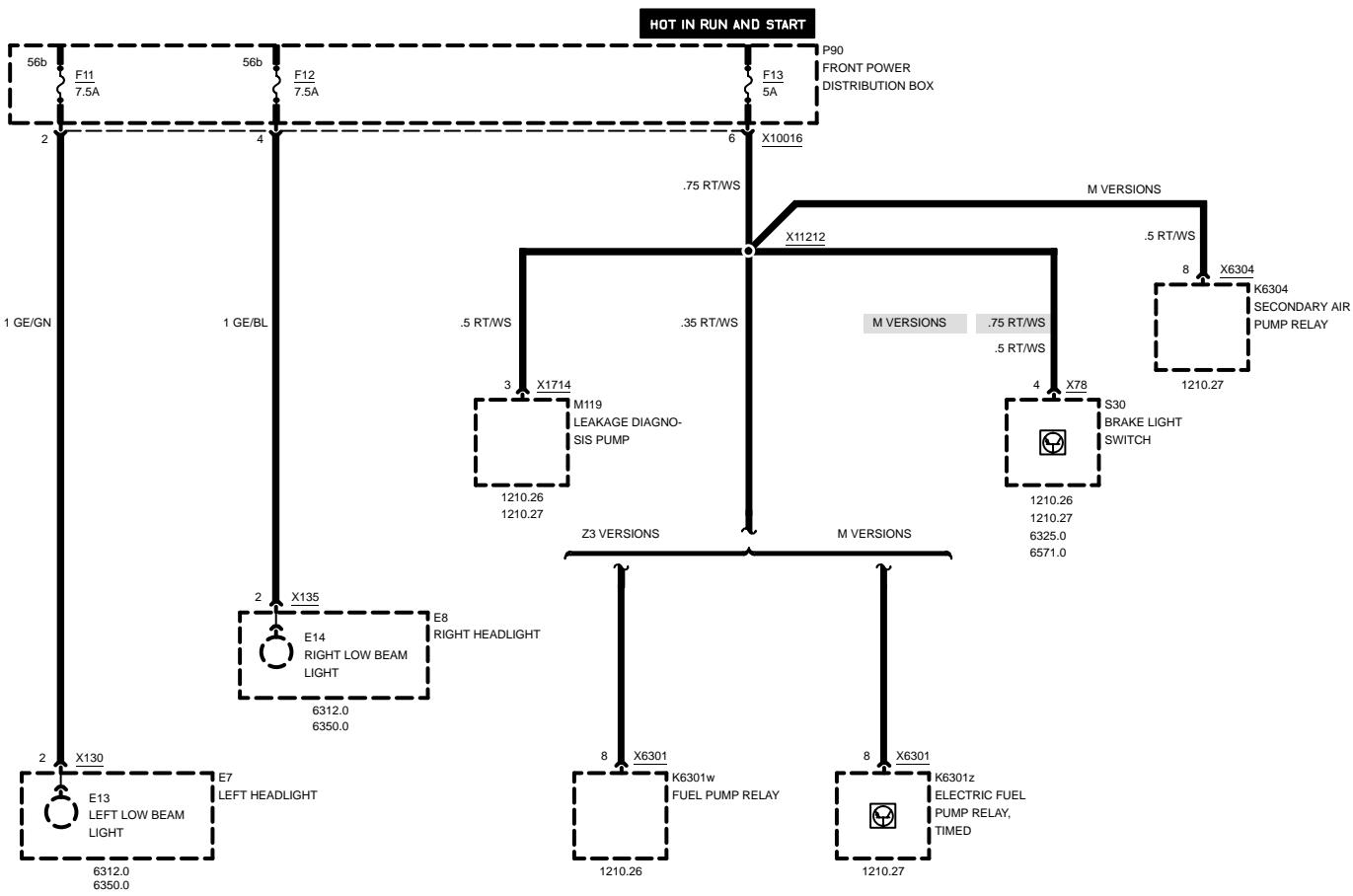


**BMW**  
**3**  
**FUSES 11, 12, AND 13**  
**Z3**

01/01

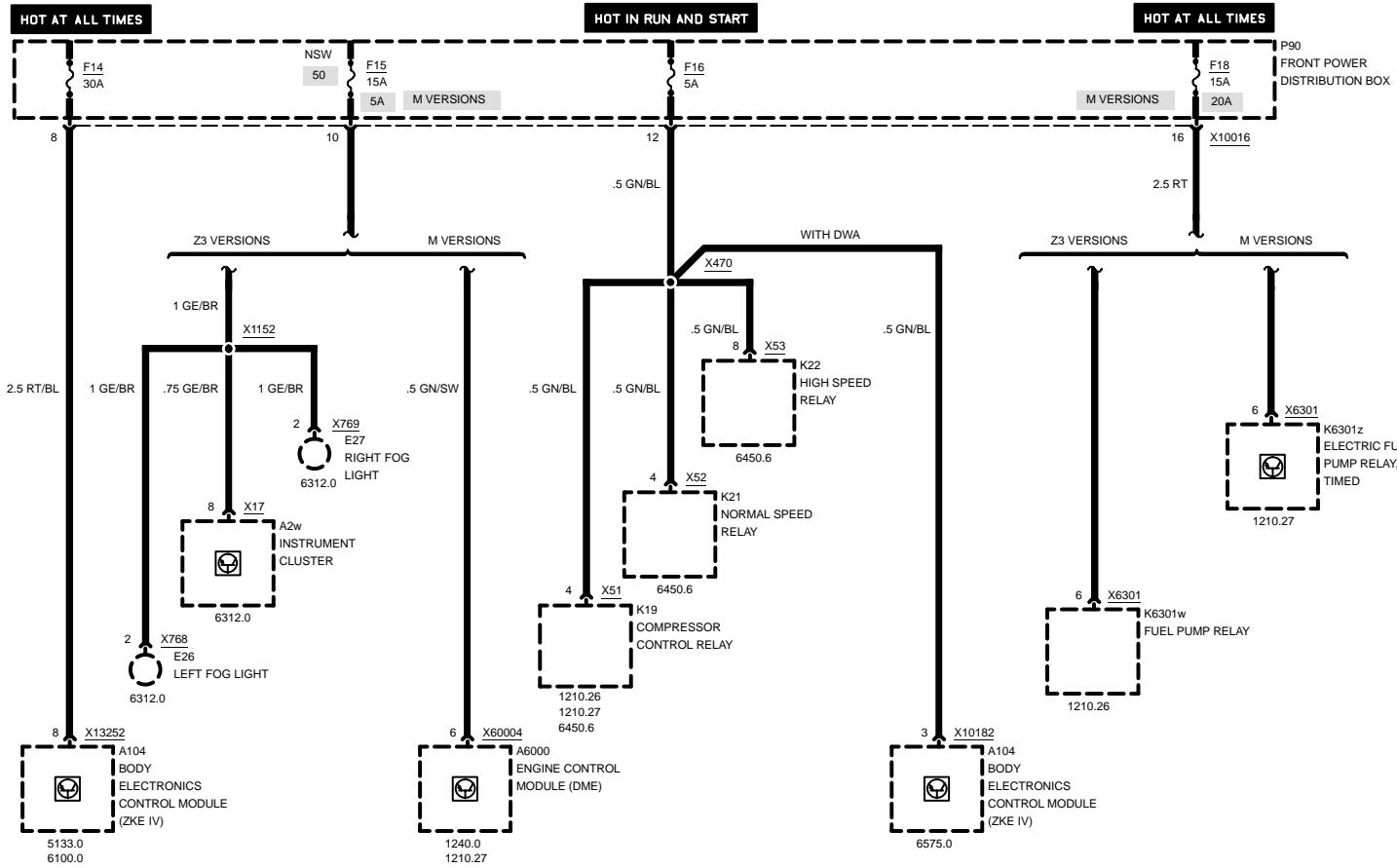
0670-3-03

2001



**BMW**  
**3** **FUSE DETAILS**  
**FUSES 14, 15, 16, AND 18**

Z3

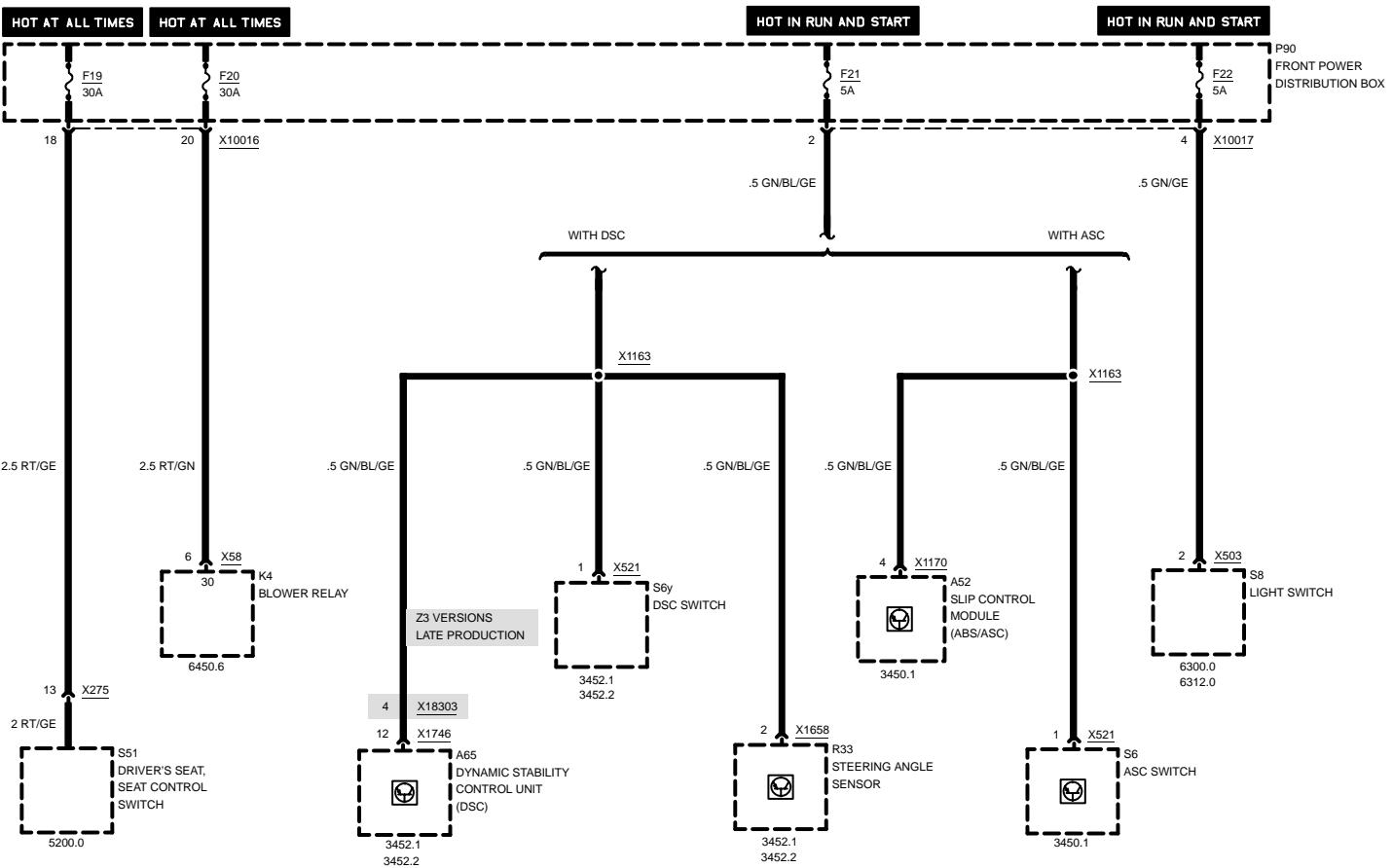


01/01

0670.3-04

2001

**BMW 3 FUSE DETAILS**  
**FUSES 19, 20, 21, AND 22**  
**Z3**



01/01

0670.3-05

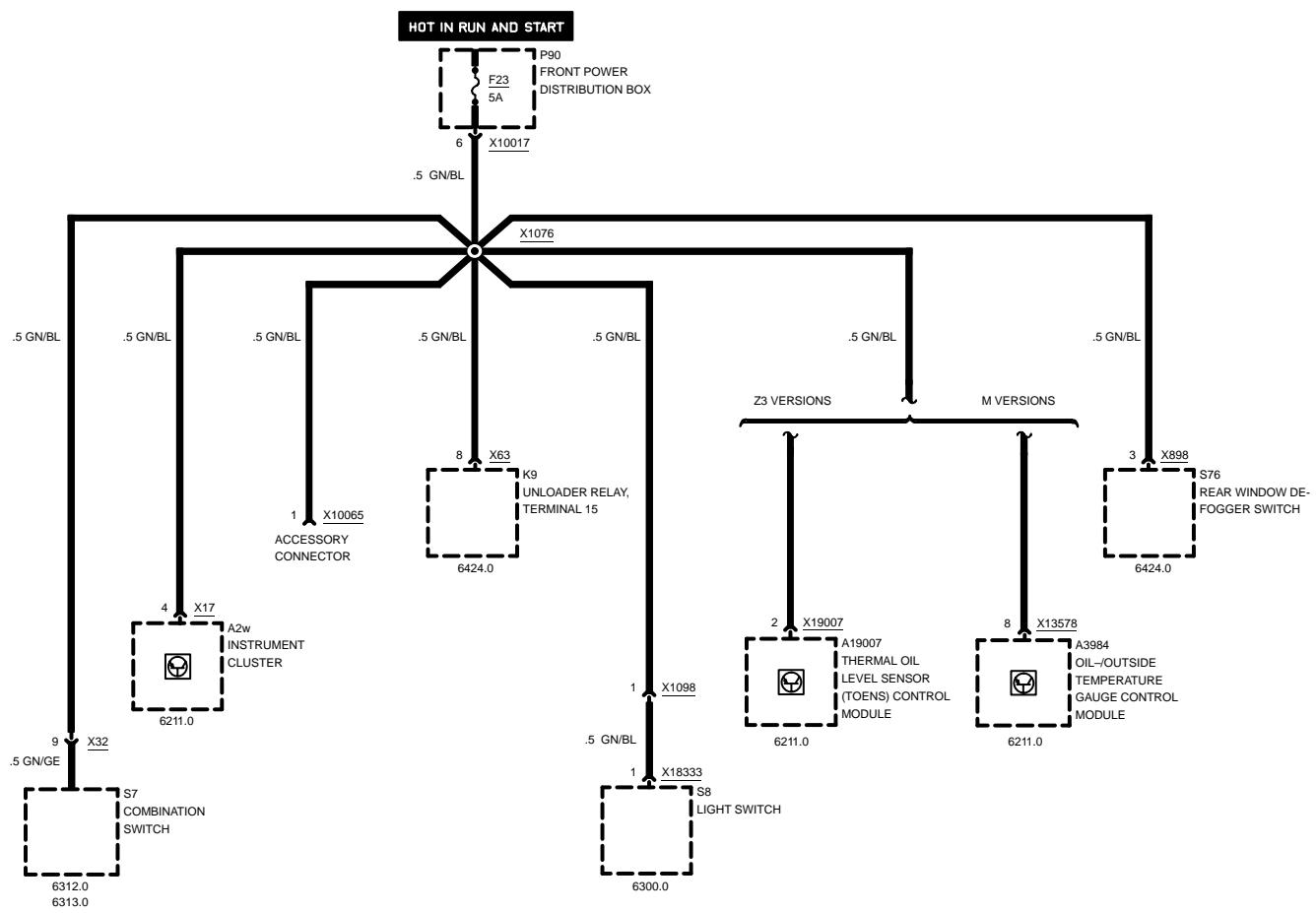
2001

**BMW**  
**3**  
**FUSE DETAILS**  
**FUSE 23**  
**Z3**

01/01

0670.3-06

2001

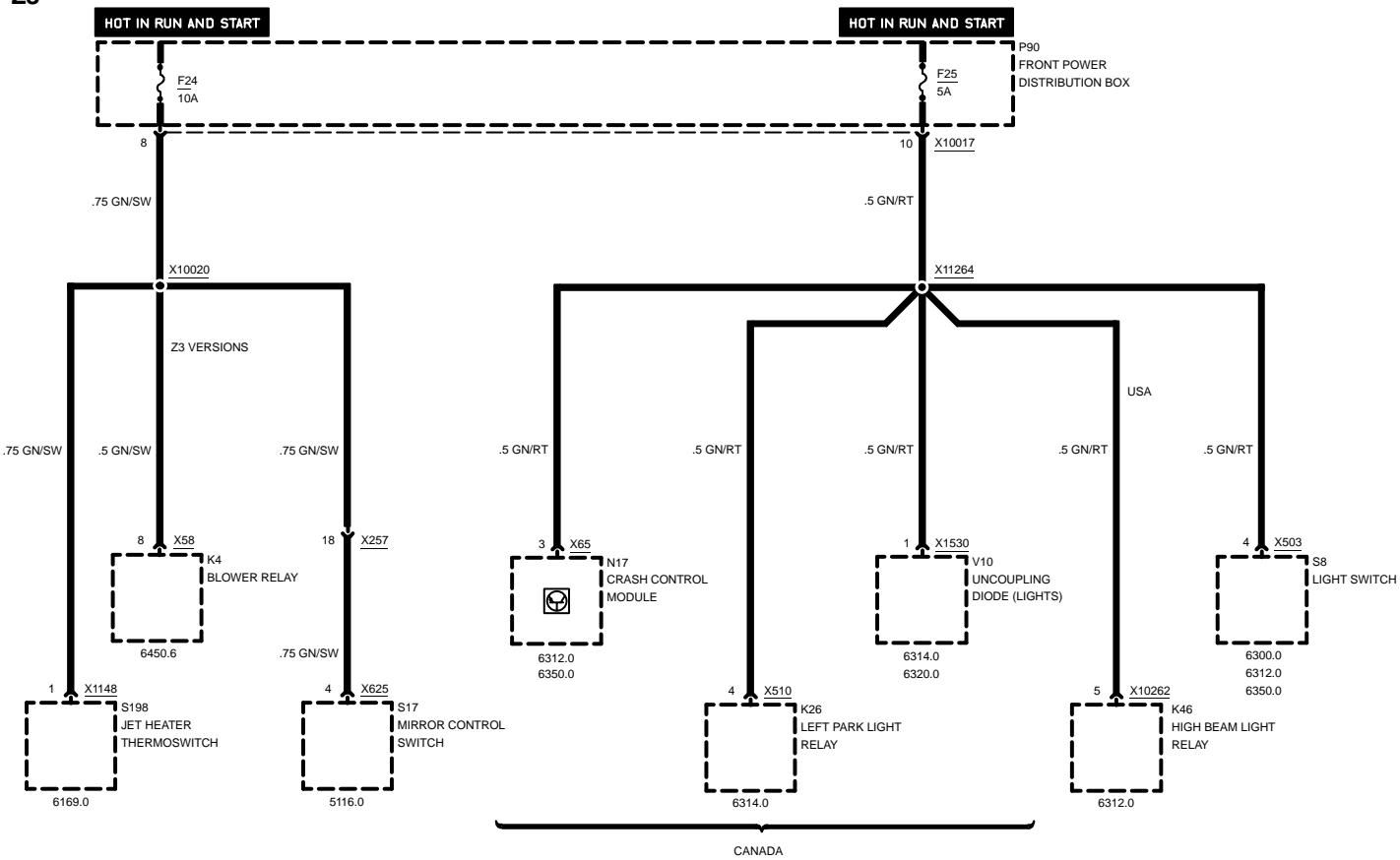


**BMW**  
**3**  
**FUSE DETAILS**  
**FUSES 24 AND 25**  
**Z3**

01/01

0670.3-07

2001



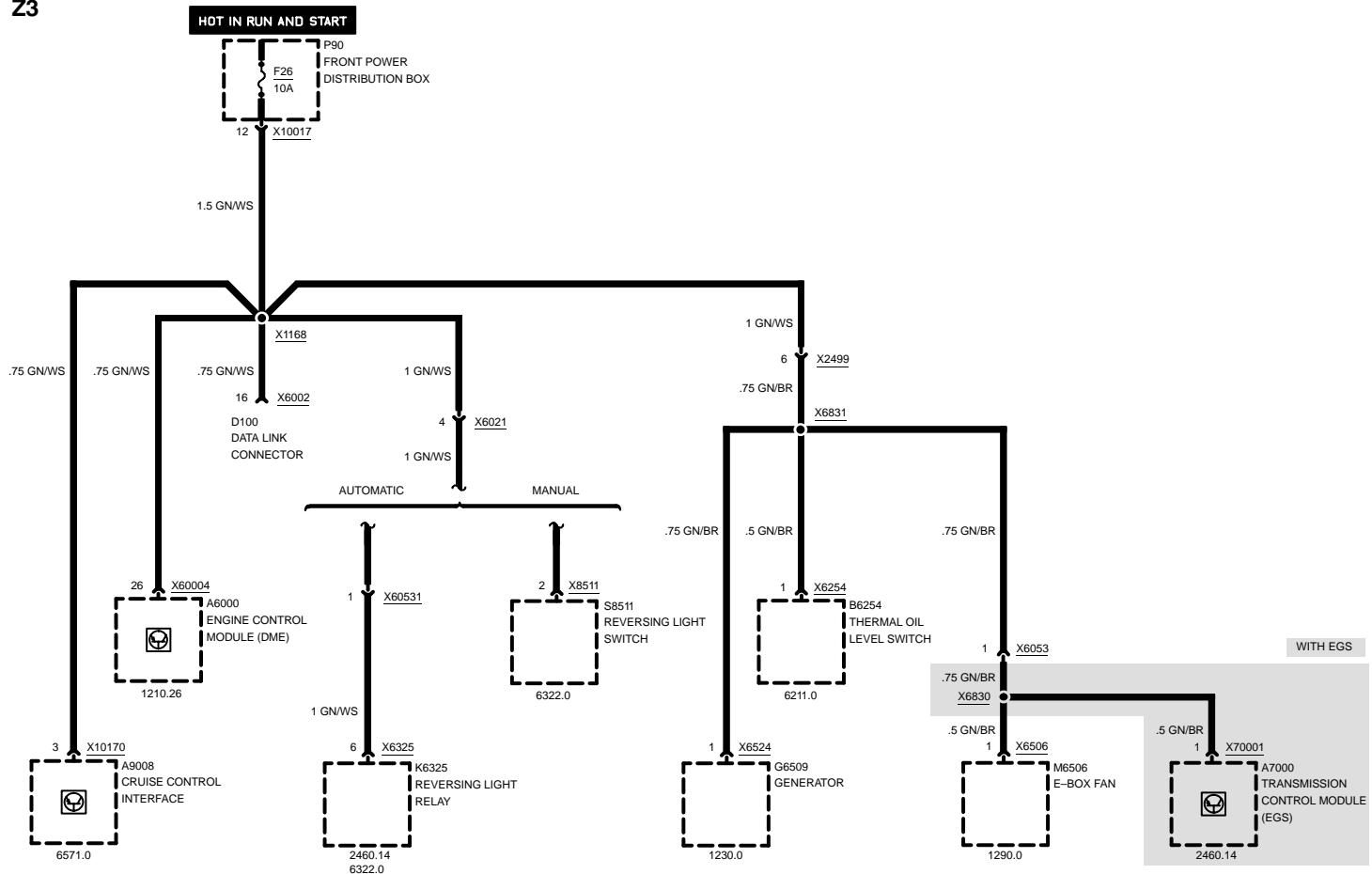
**BMW**  
**3**  
**FUSE DETAILS**  
**FUSE 26**  
**Z3**

**Z3 VERSIONS**

01/01

0670.3-08

2001



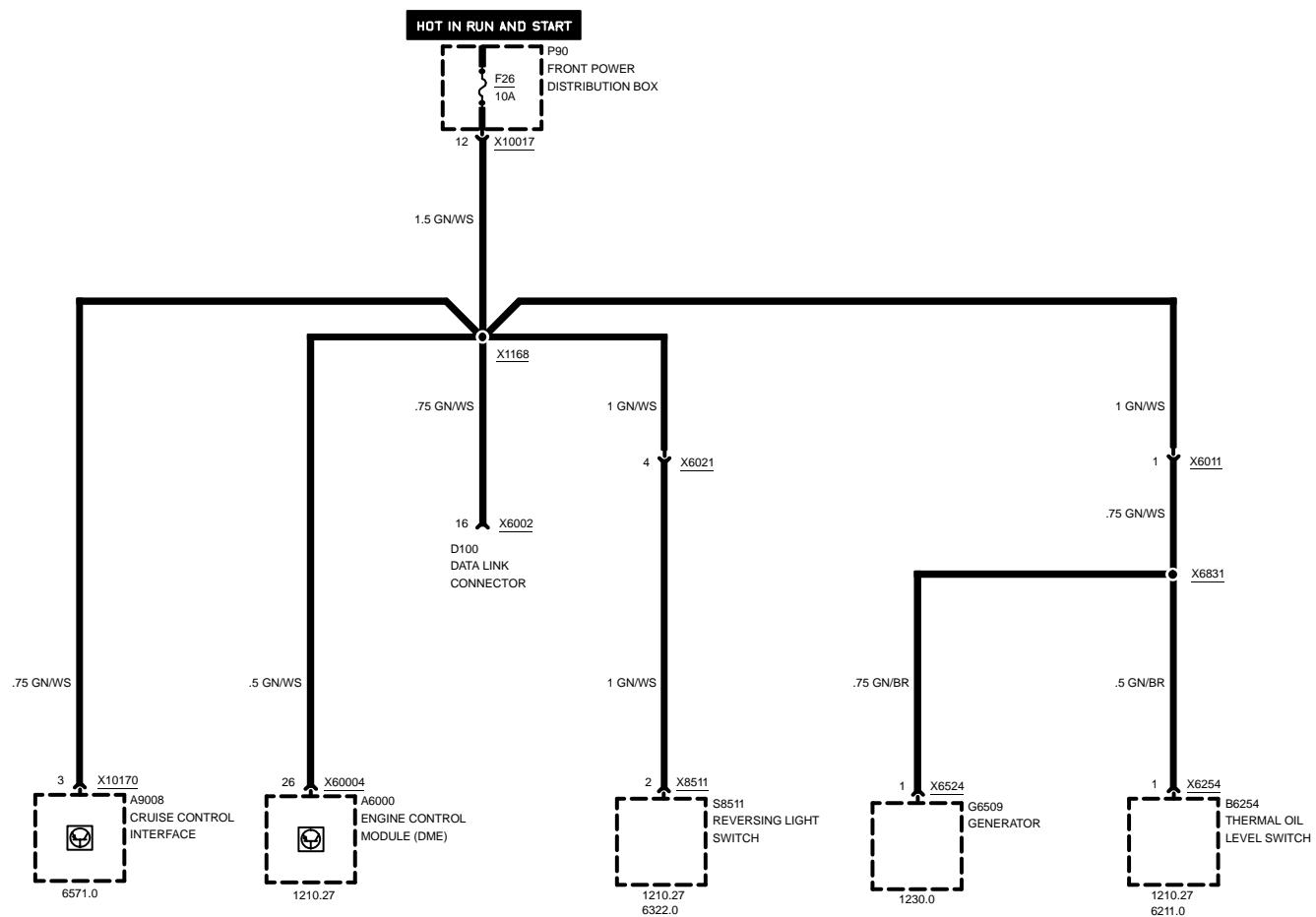
**BMW**  
**3**  
**Z3** **FUSE DETAILS**  
**FUSE 26**

**M VERSIONS**

01/01

0670.3-09

2001

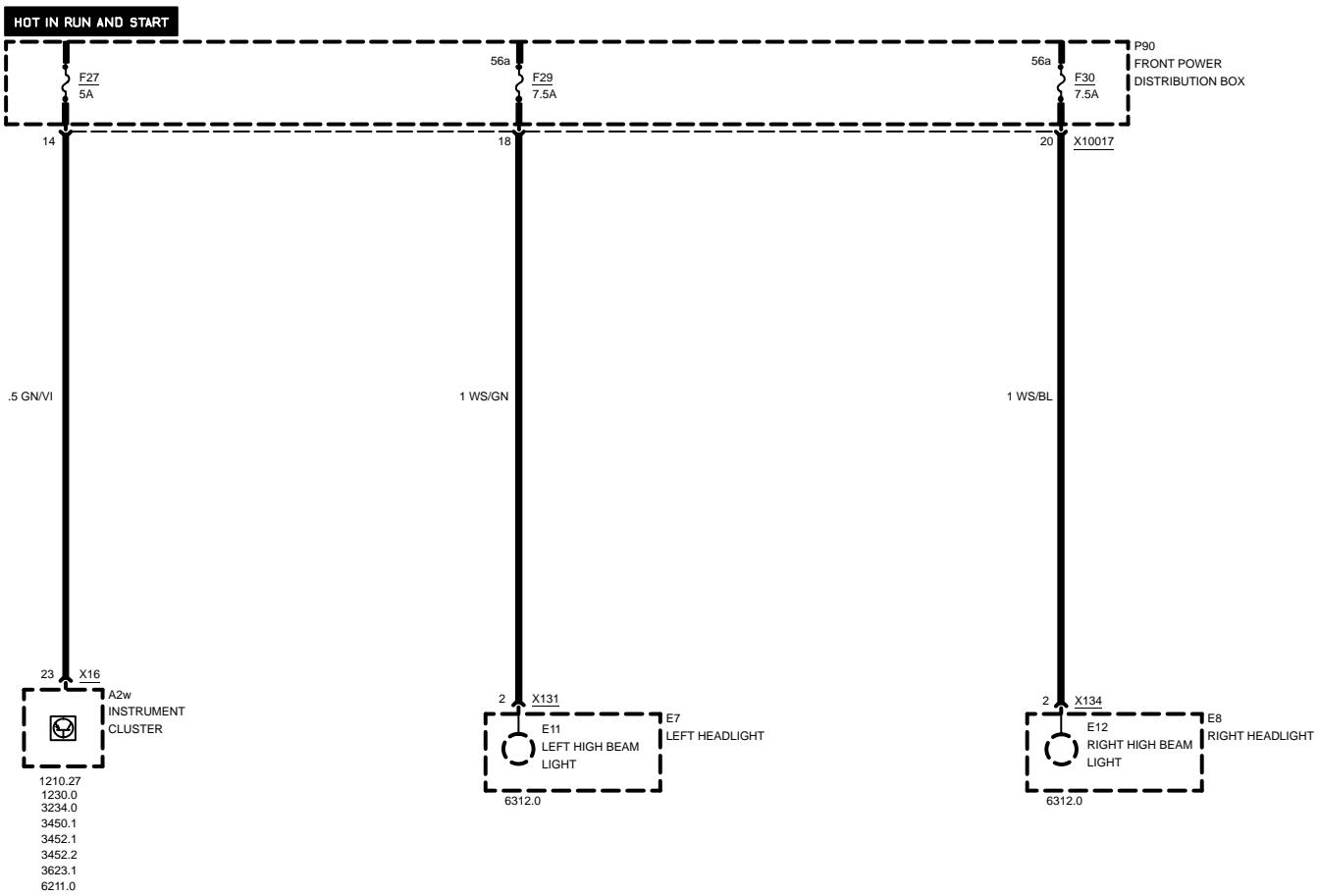


**BMW**  
**3**  
**Z3** **FUSE DETAILS**  
**FUSES 27, 29, AND 30**

01/01

0670.3-10

2001

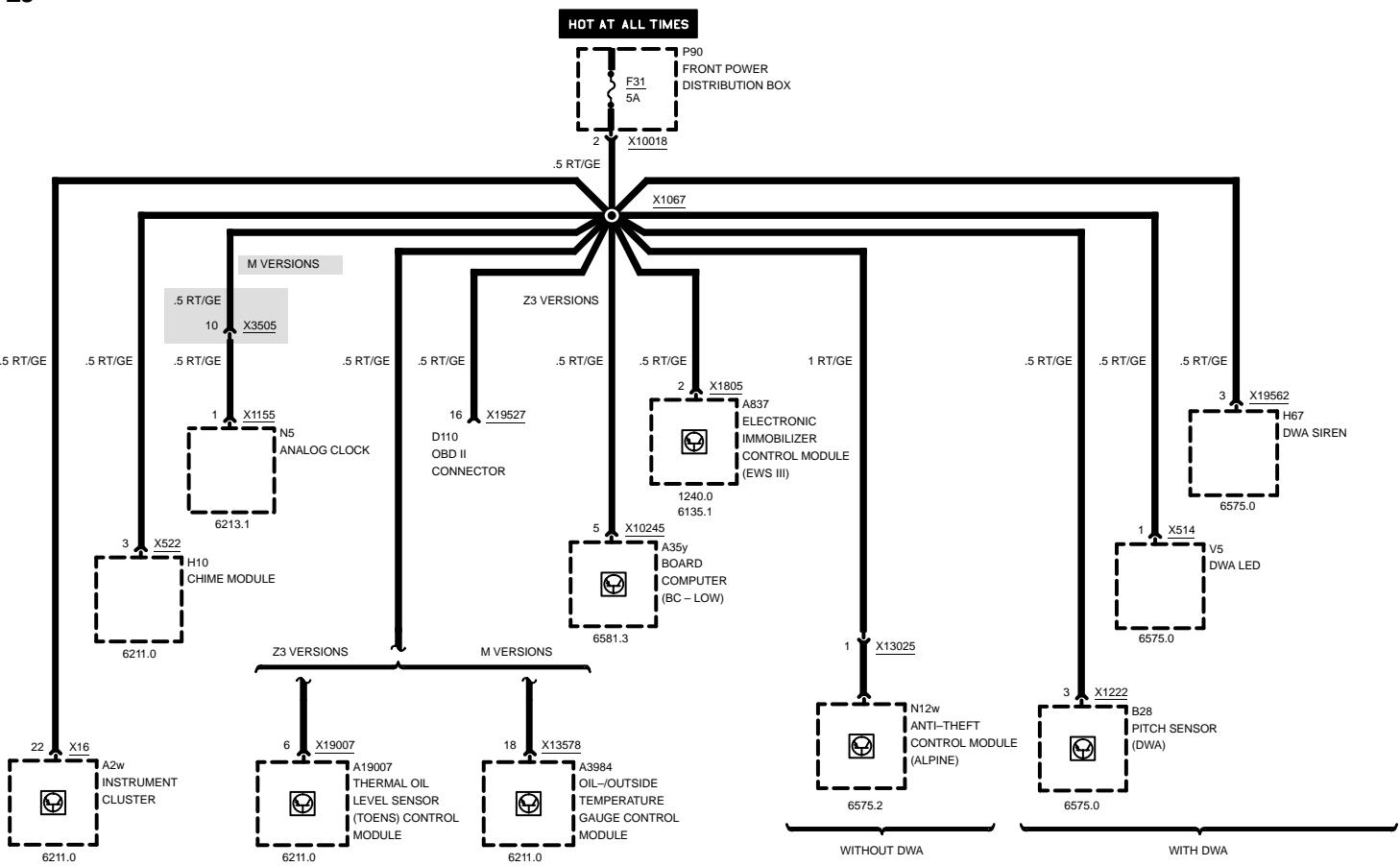


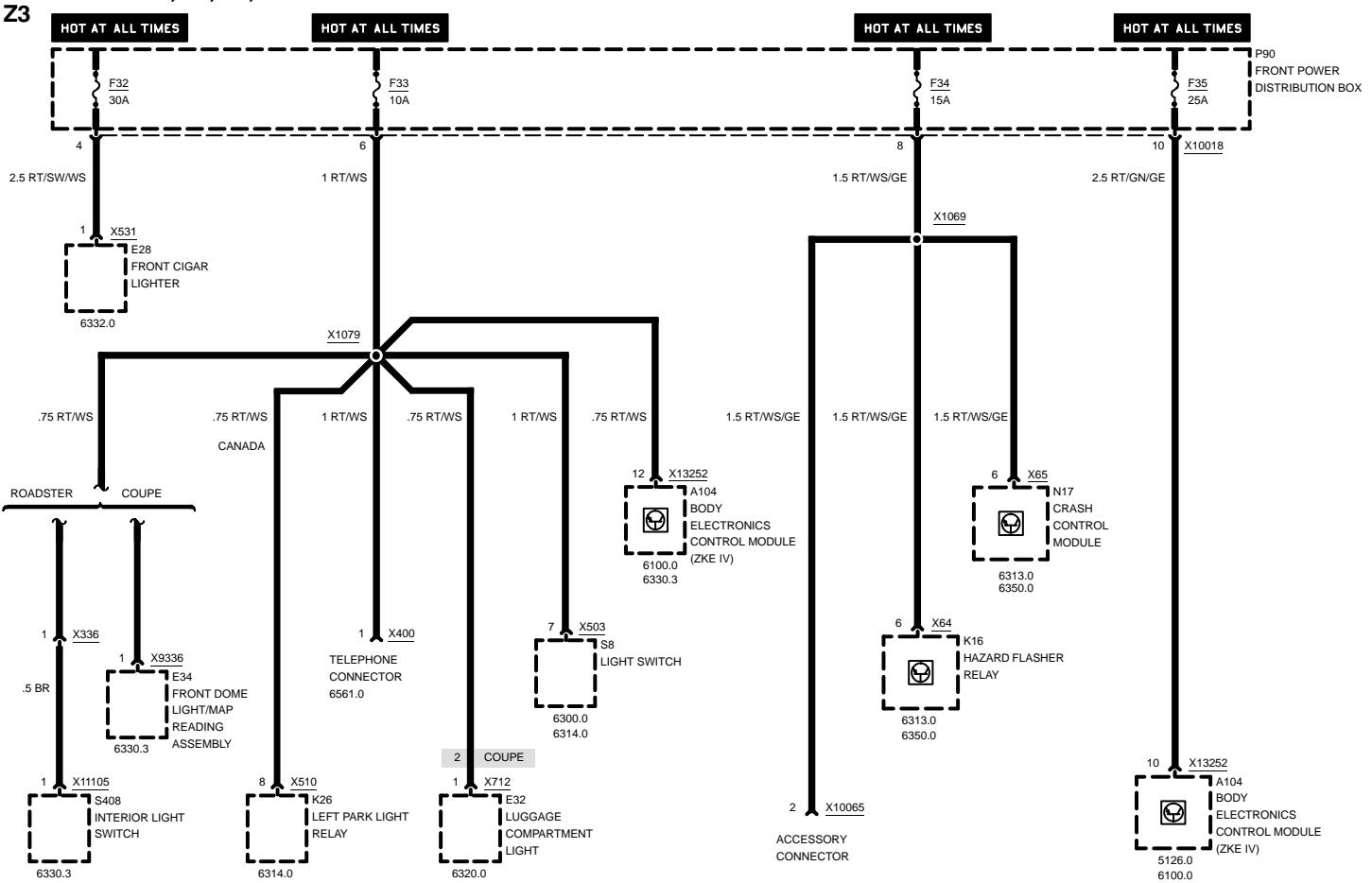
**BMW**  
**3**  
**FUSE DETAILS**  
**FUSE 31**  
**Z3**

01/01

0670.3-11

2001



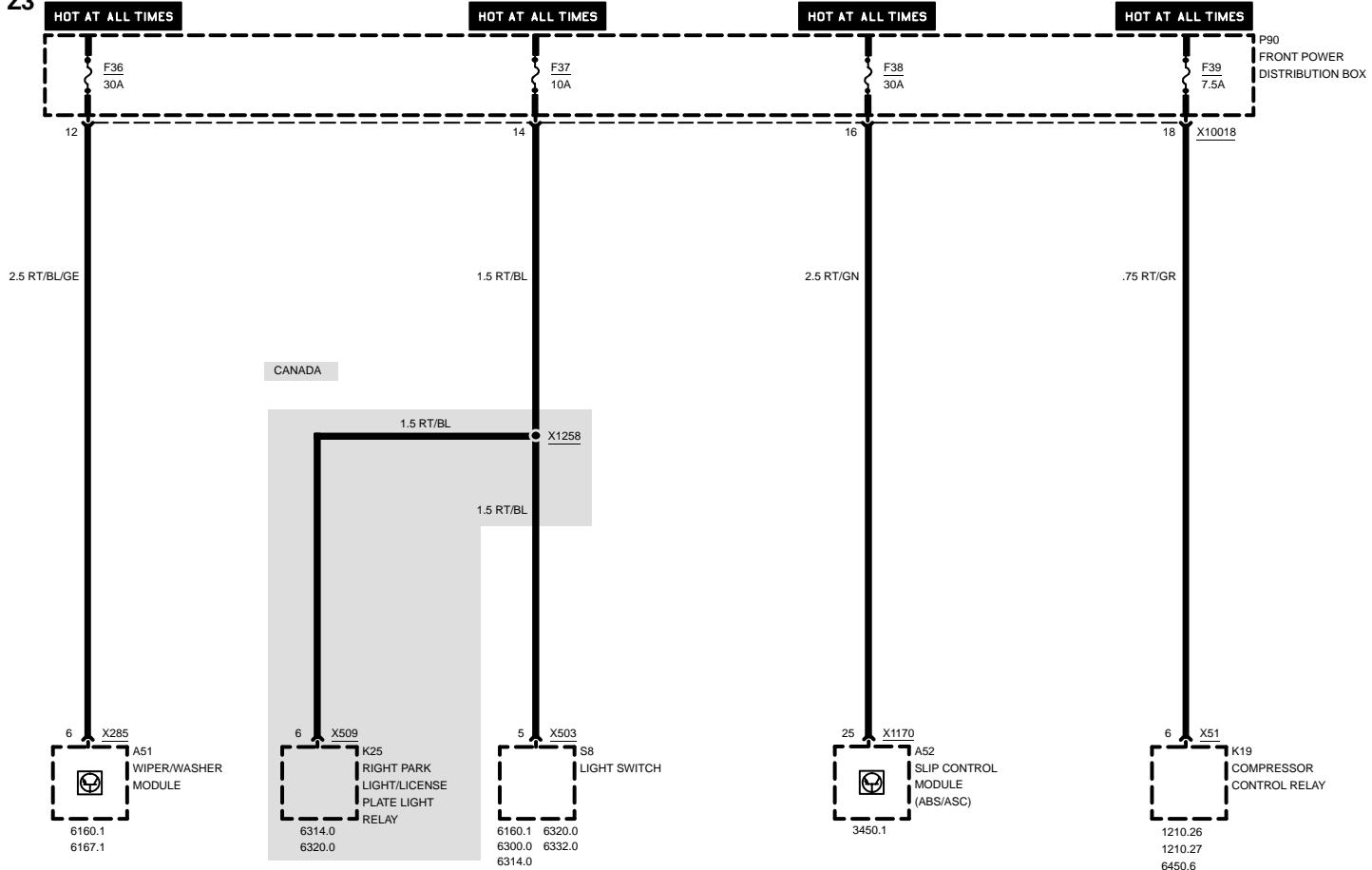
**BMW  
3**  
**FUSE DETAILS**
**FUSES 32, 33, 34, AND 35**
**Z3**



## FUSE DETAILS

### FUSES 36, 37, 38, AND 39

Z3



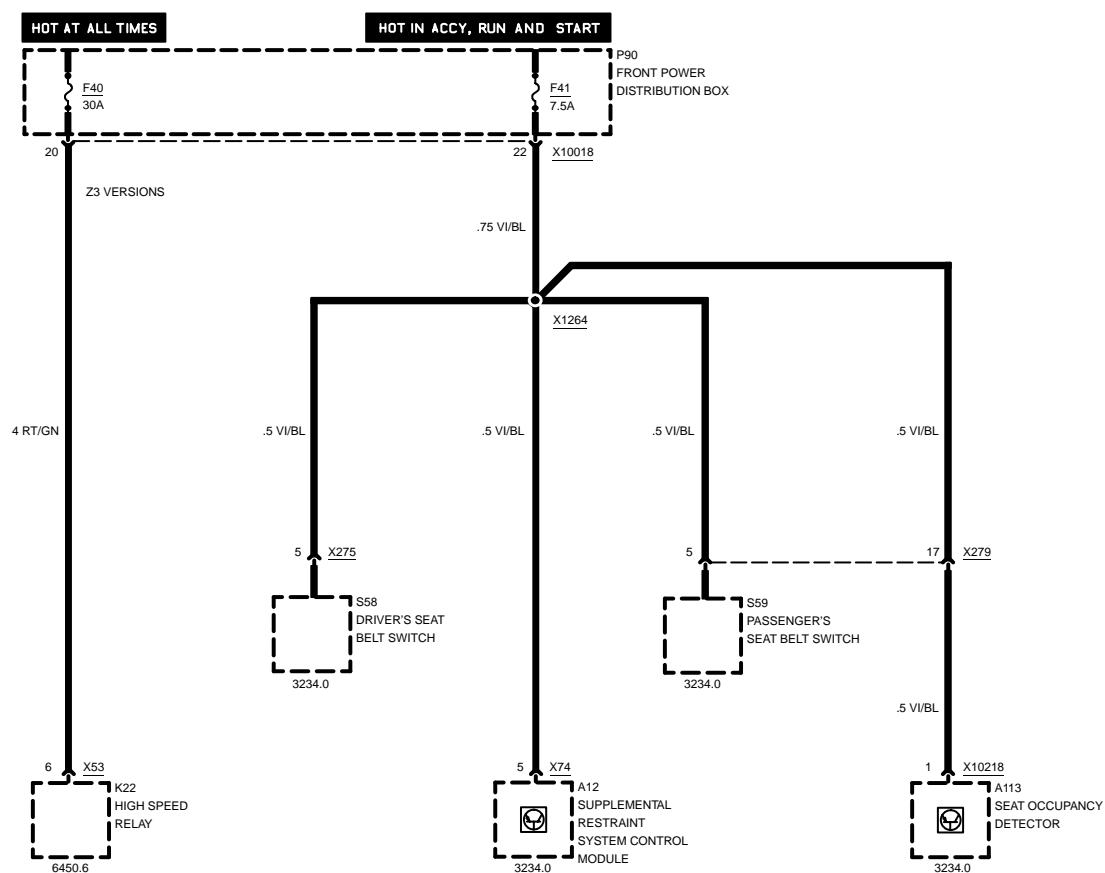
01/01

0670-3-13

2001

## FUSE DETAILS

### FUSES 40 AND 41

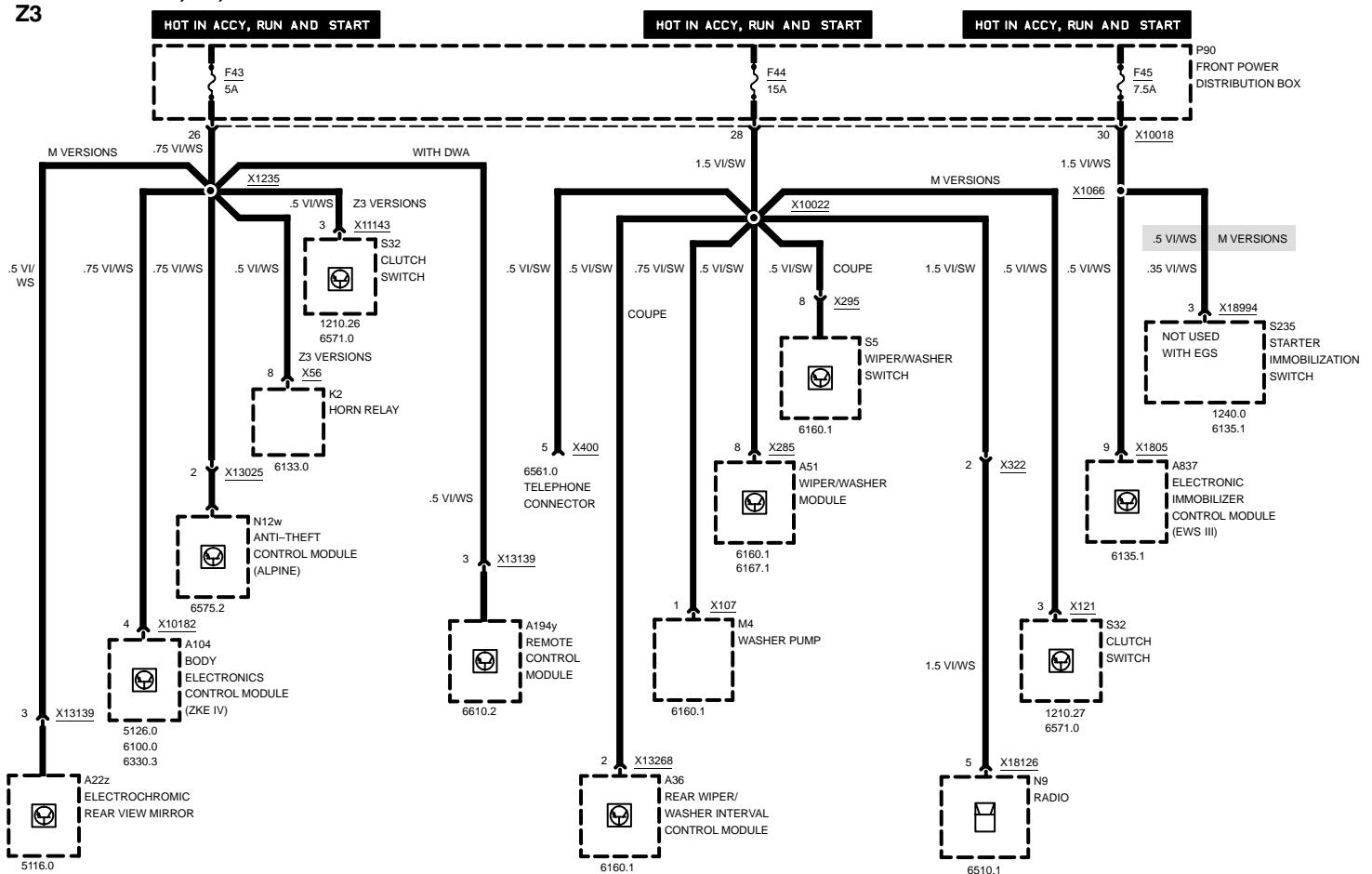




## FUSE DETAILS

### FUSES 43, 44, AND 45

Z3

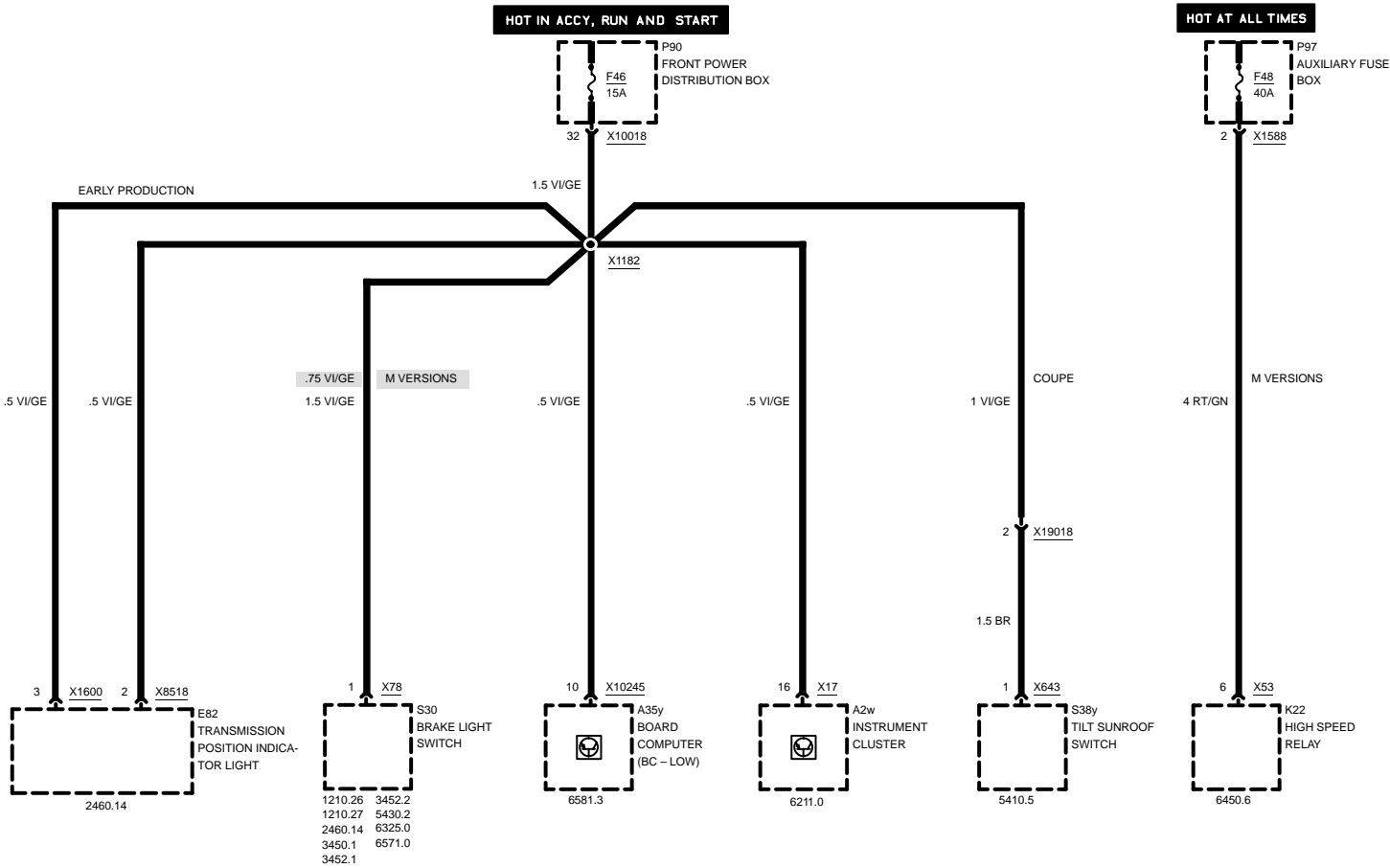


**BMW**  
**3**  
**Z3**  
**FUSE DETAILS**  
**FUSES 46 AND 48**

01/01

0670.3-16

2001



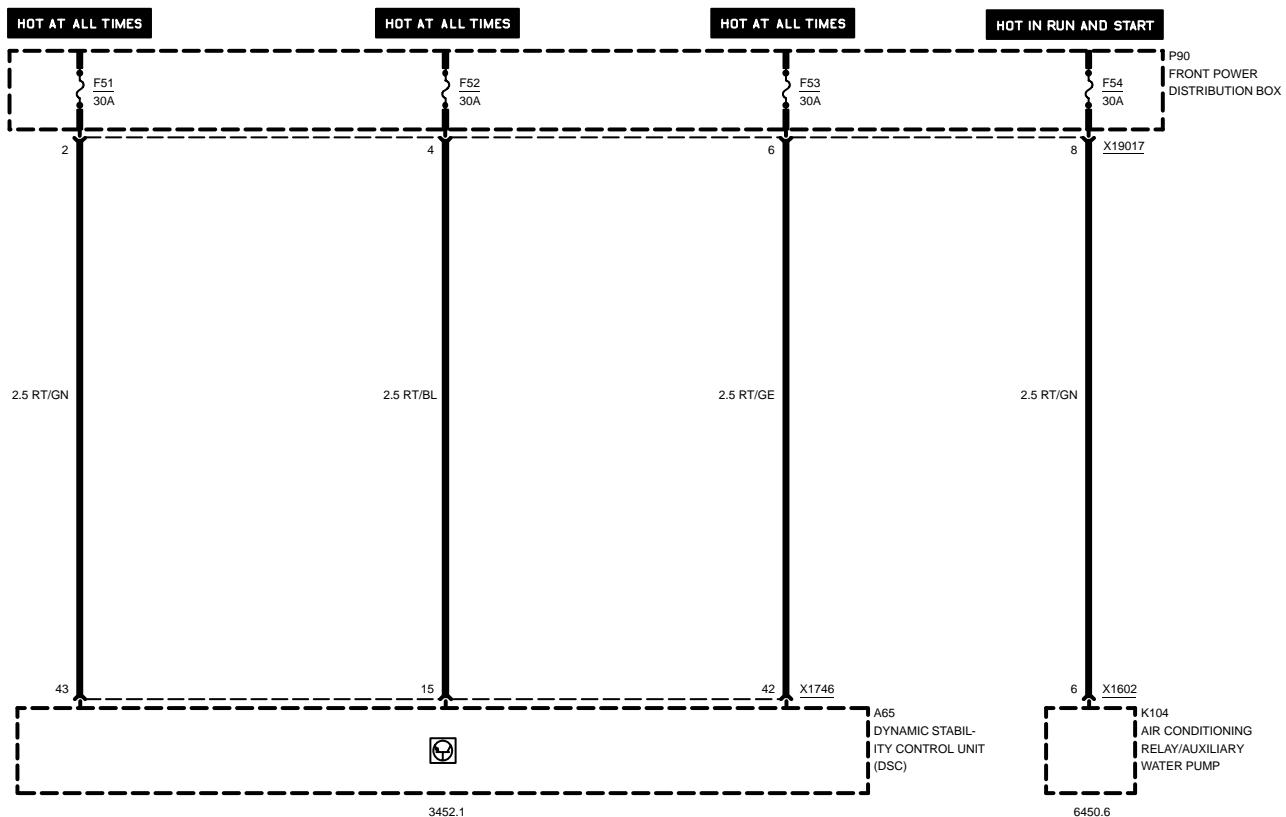
**BMW**  
**3**  
Z3  
**FUSE DETAILS**  
**FUSES 51, 52, 53, AND 54**

**M VERSIONS**

01/01

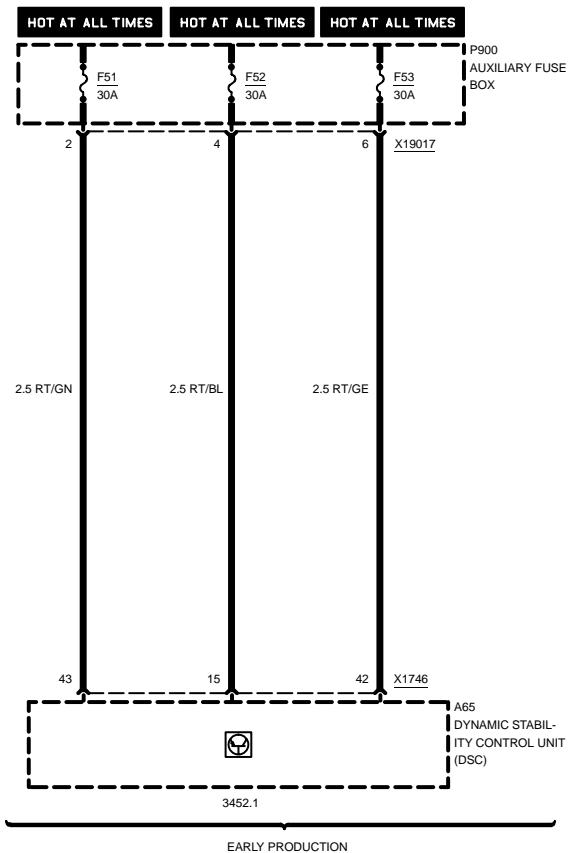
0670.3-17

2001



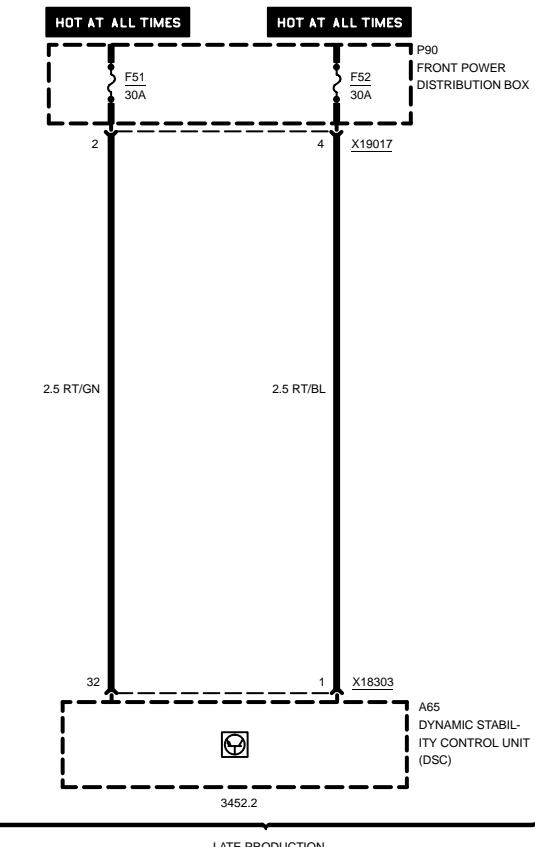
## FUSE DETAILS

### FUSES 51, 52, AND 53

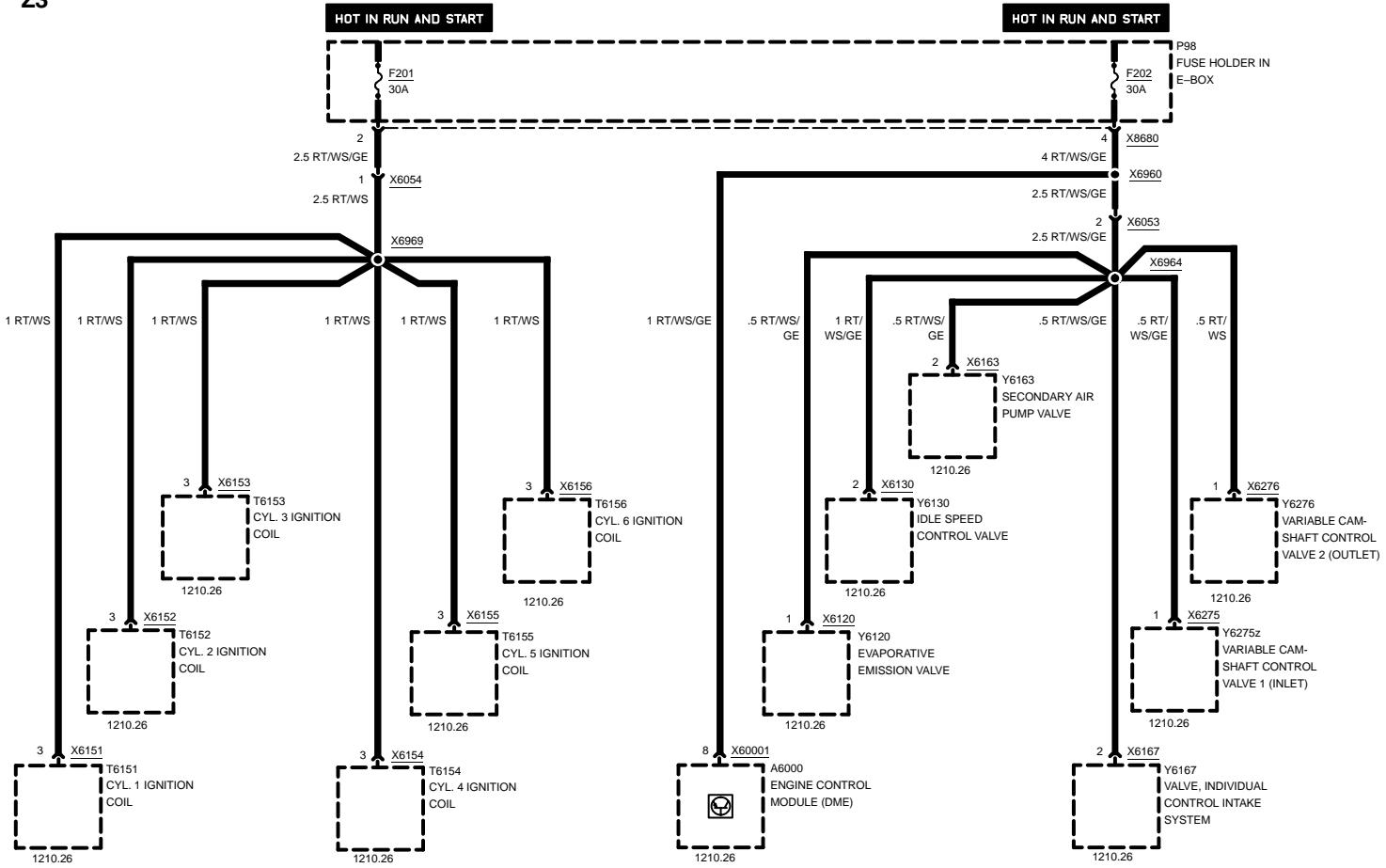


EARLY PRODUCTION

## Z3 VERSIONS



LATE PRODUCTION



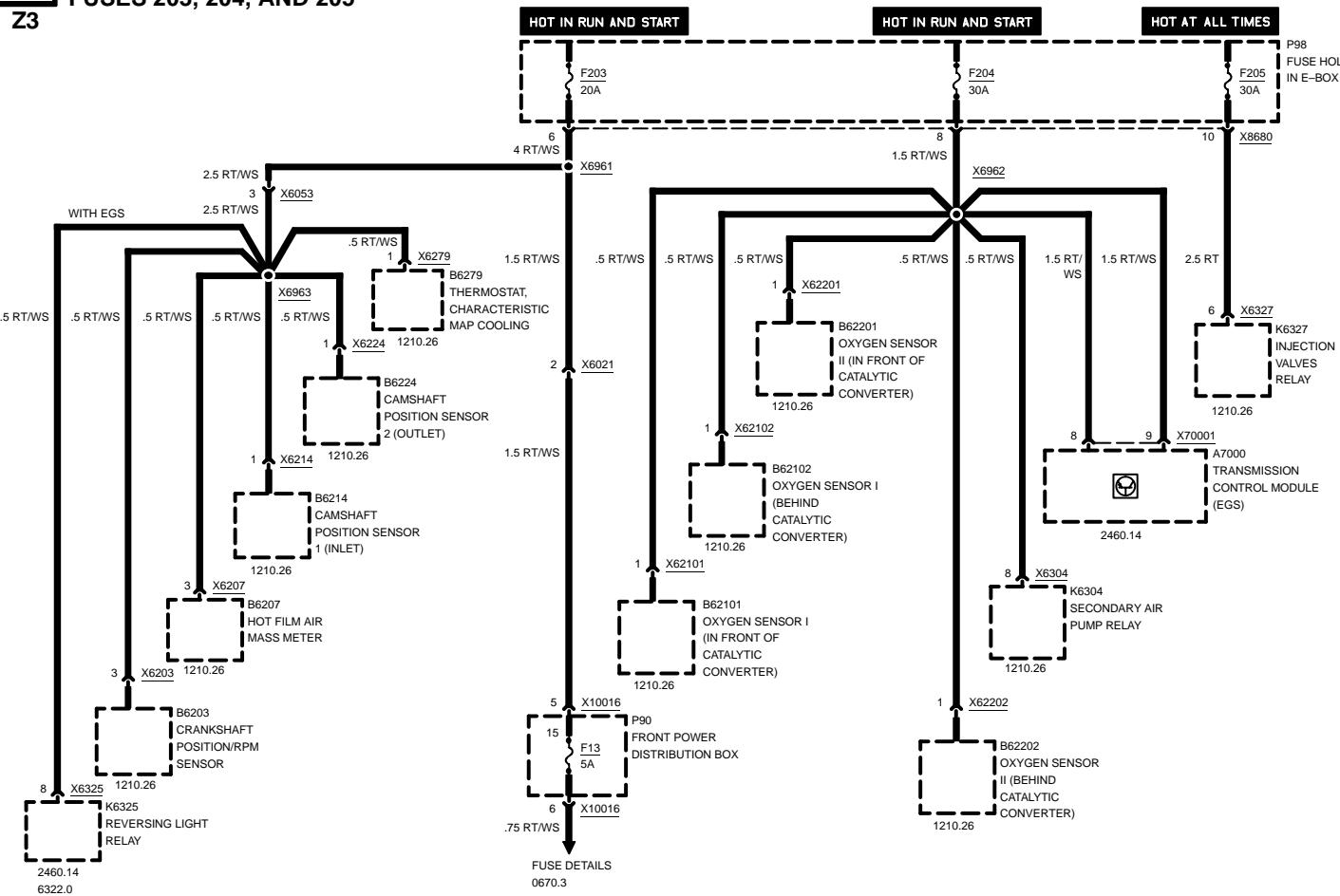
## FUSE DETAILS FUSES 203, 204, AND 205

### Z3 VERSIONS

01/01

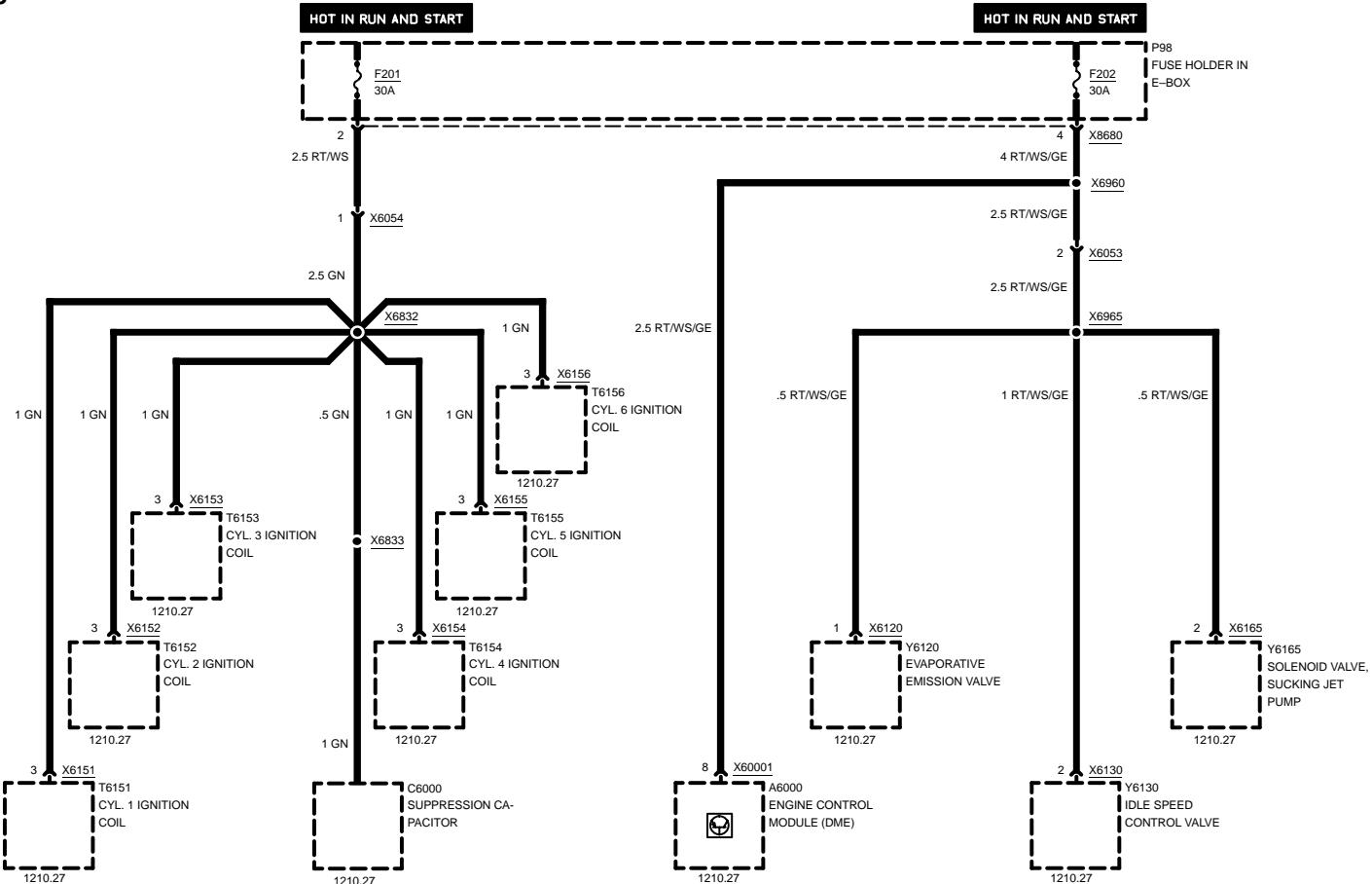
0670.3-20

2001



**BMW**  
**3**  
**Z3** **FUSE DETAILS**  
**FUSES 201 AND 202**

**M VERSIONS**



01/01

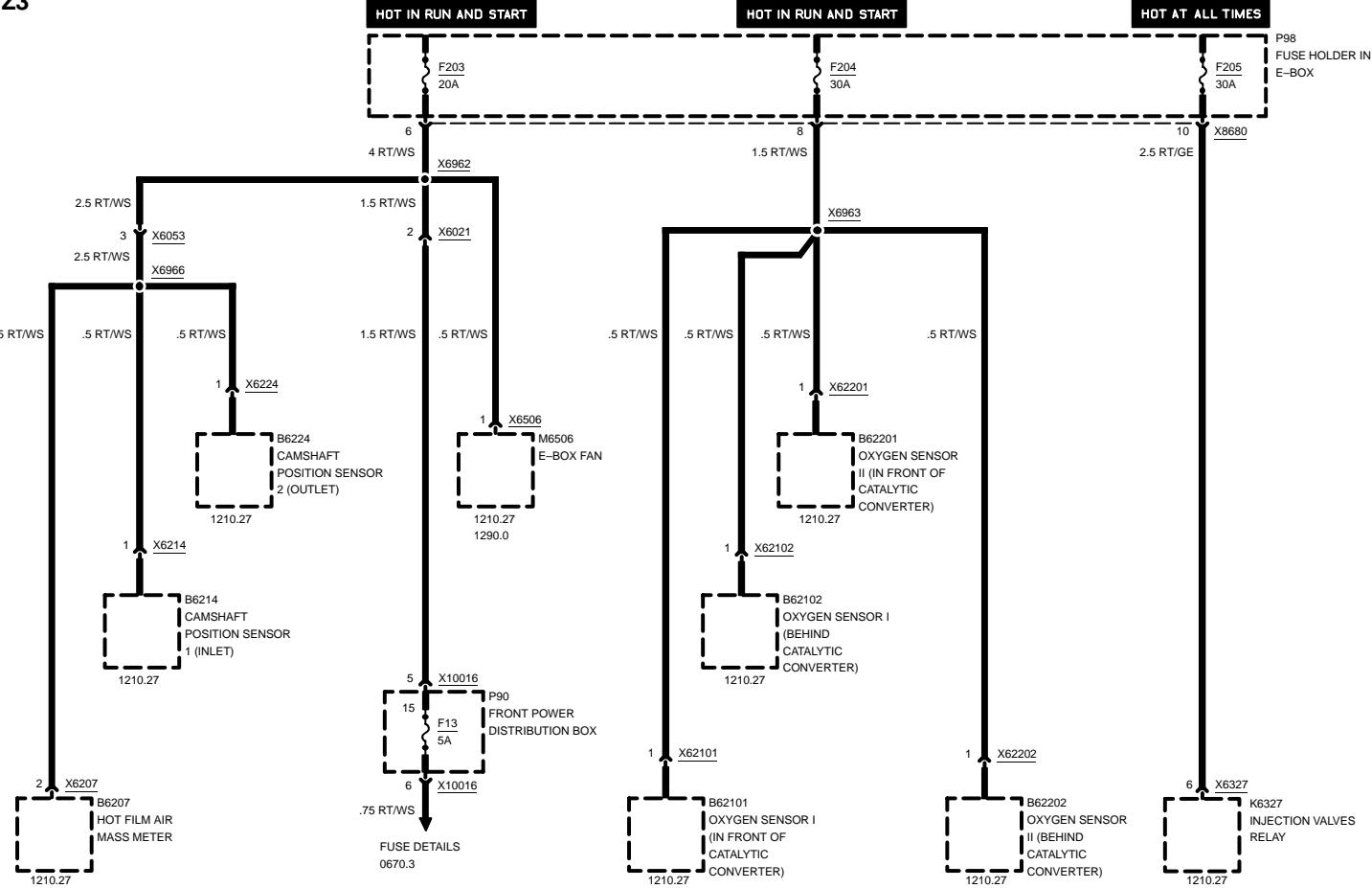
0670-3-21

2001

**BMW 3 FUSE DETAILS**  
**FUSES 203, 204 AND 205**

Z3

**M VERSIONS**



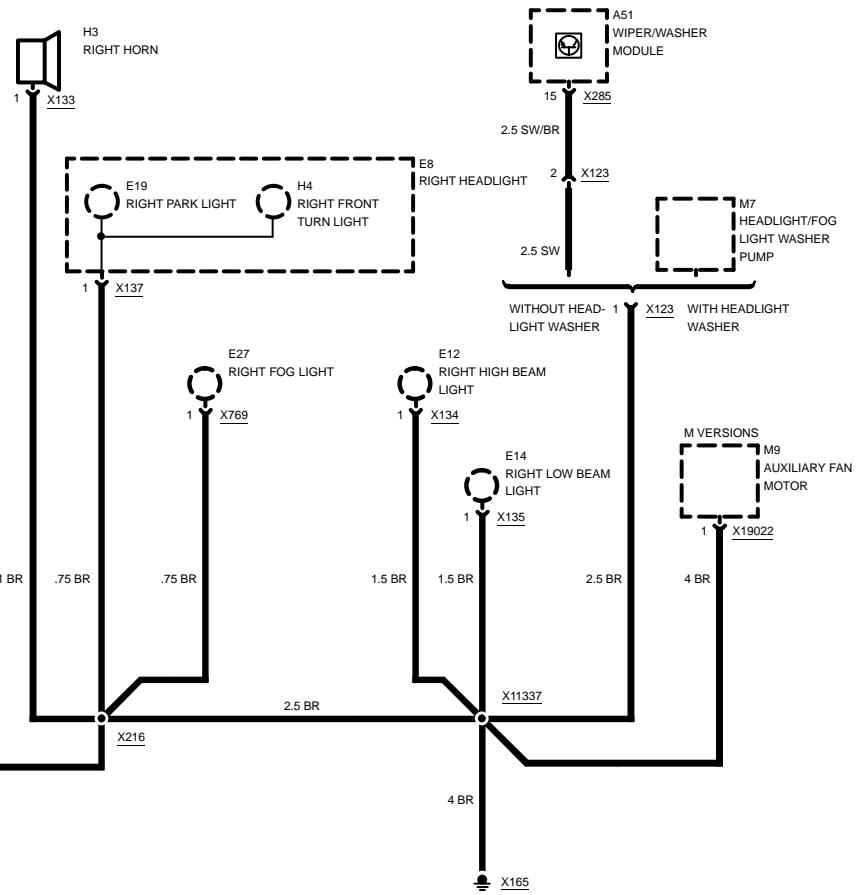
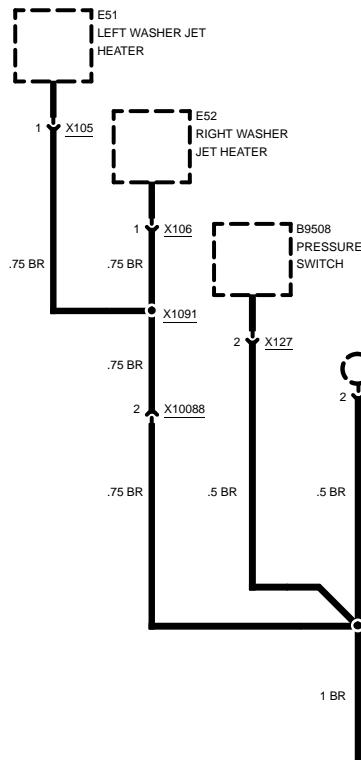
01/01

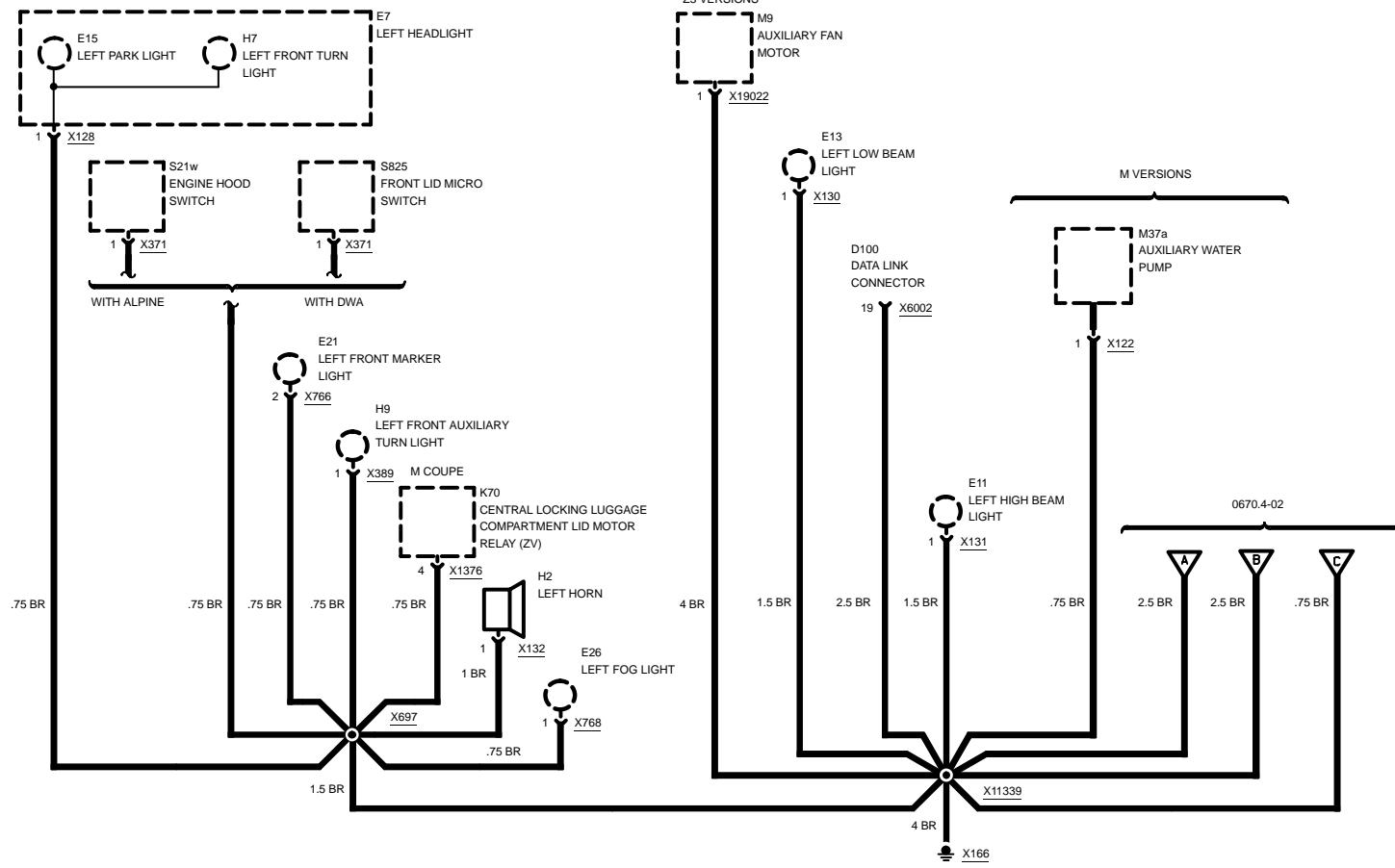
0670.3-22

2001

**BMW 3 0670.4 GROUND DISTRIBUTION**

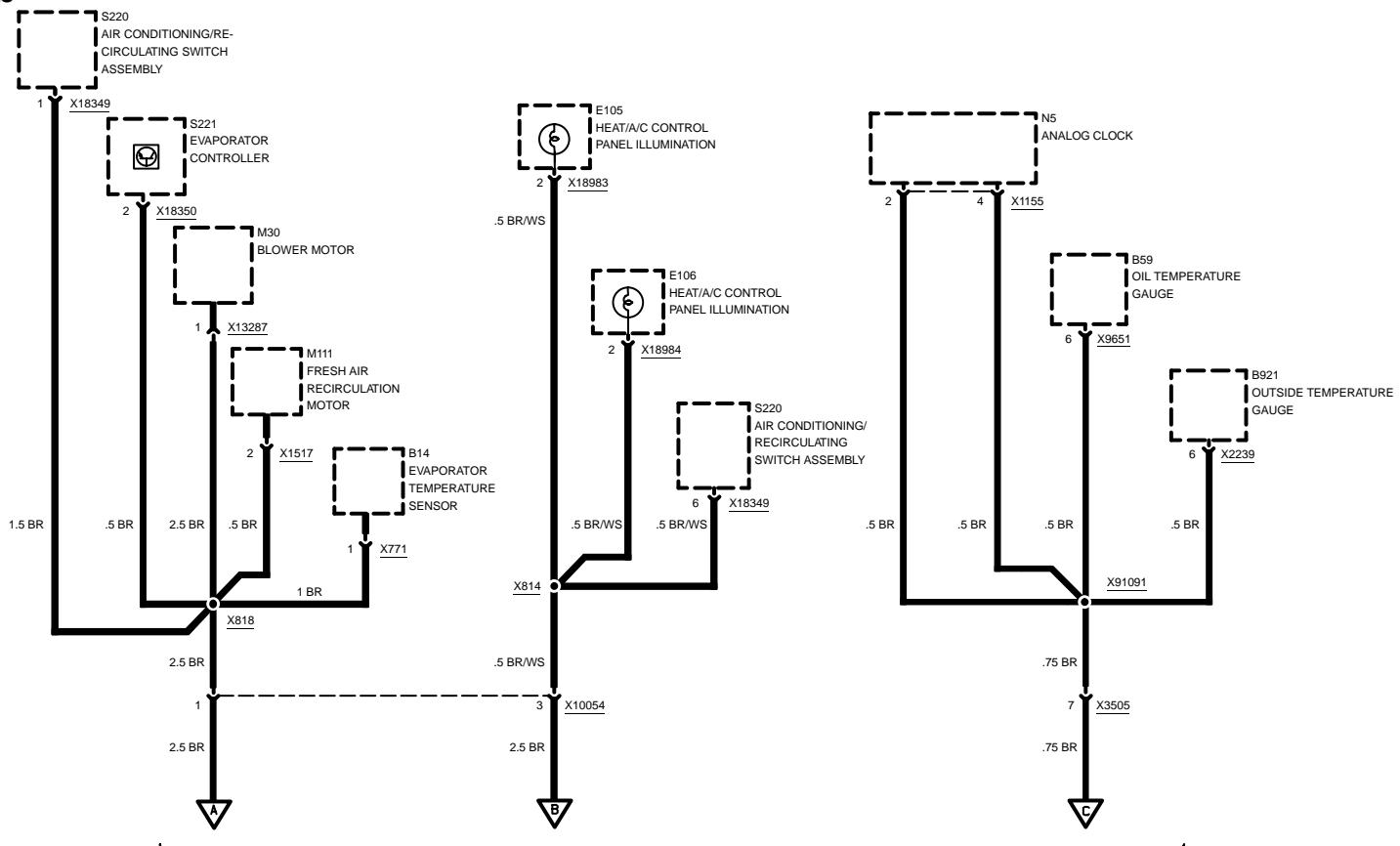
Z3



**GROUND DISTRIBUTION****GROUND X166****Z3**

**BMW**  
**3**  
**Z3** GROUND DISTRIBUTION  
**GROUND X166**

M VERSIONS



0670.4-01

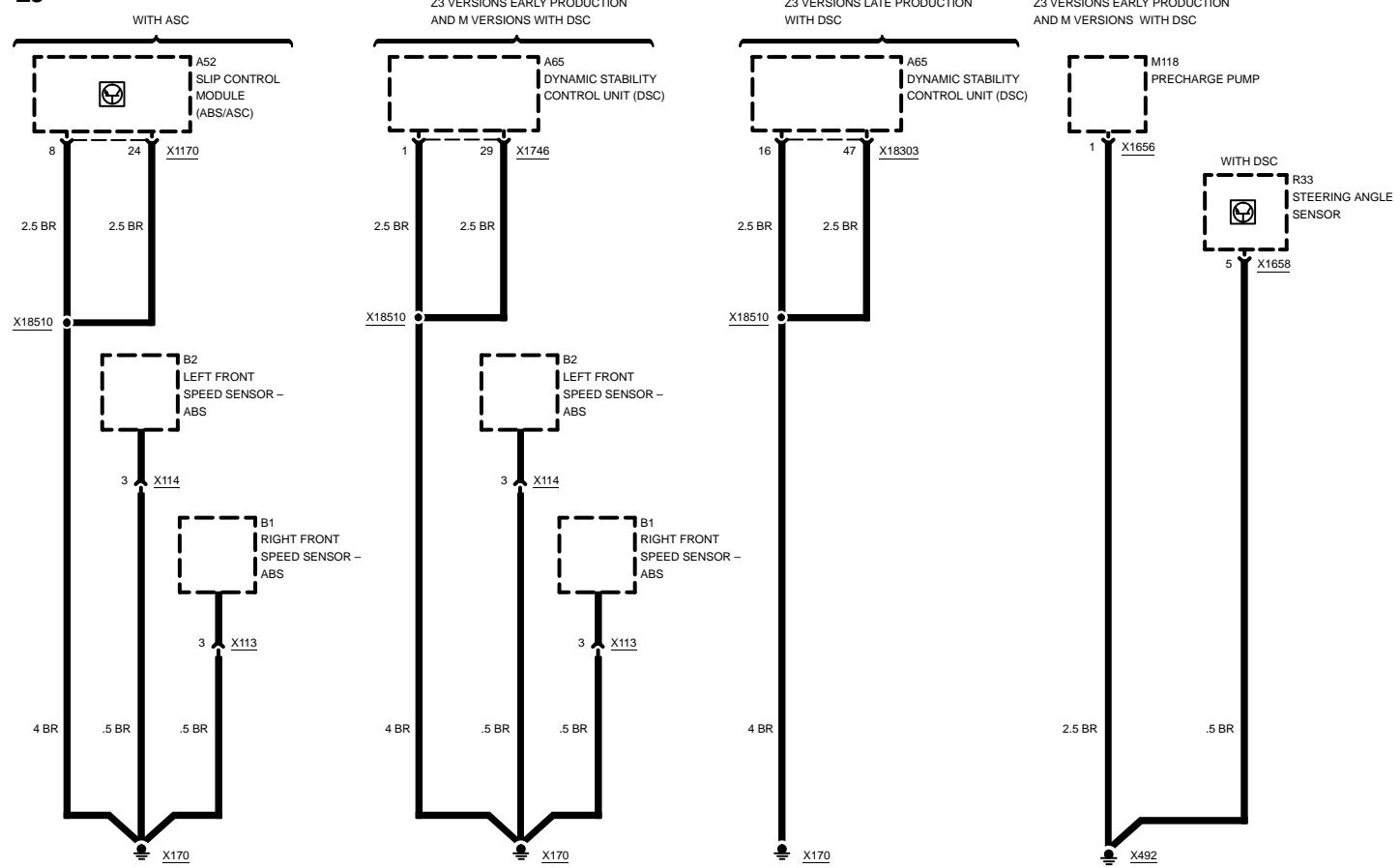
01/01

0670.4-02

2001

**BMW**  
**3** **GROUND DISTRIBUTION**  
**GROUNDS X170 AND X492**

**Z3**



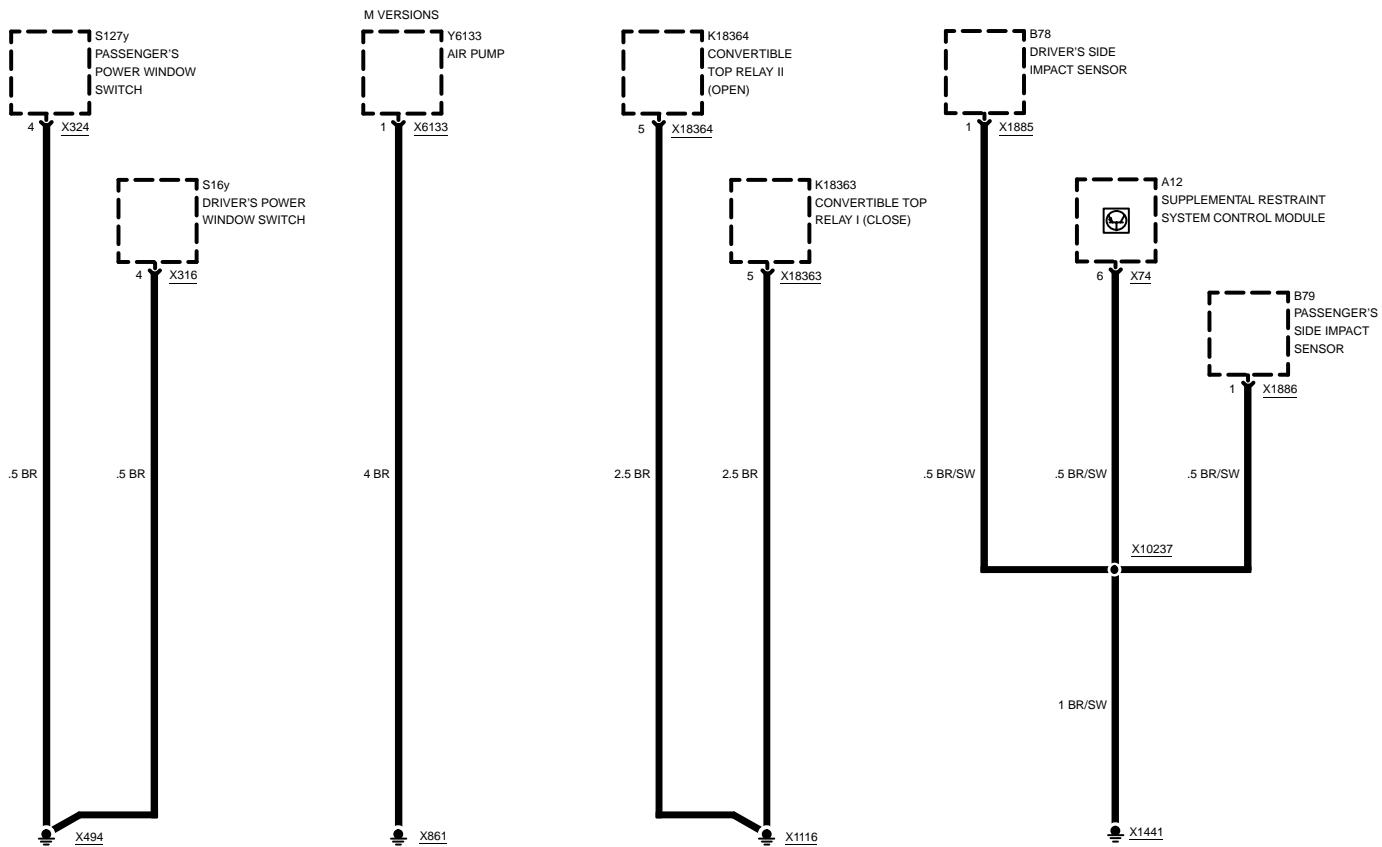
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GROUNDS X494, X861, X1116, AND X1441

01/01

0670.4-04

2001

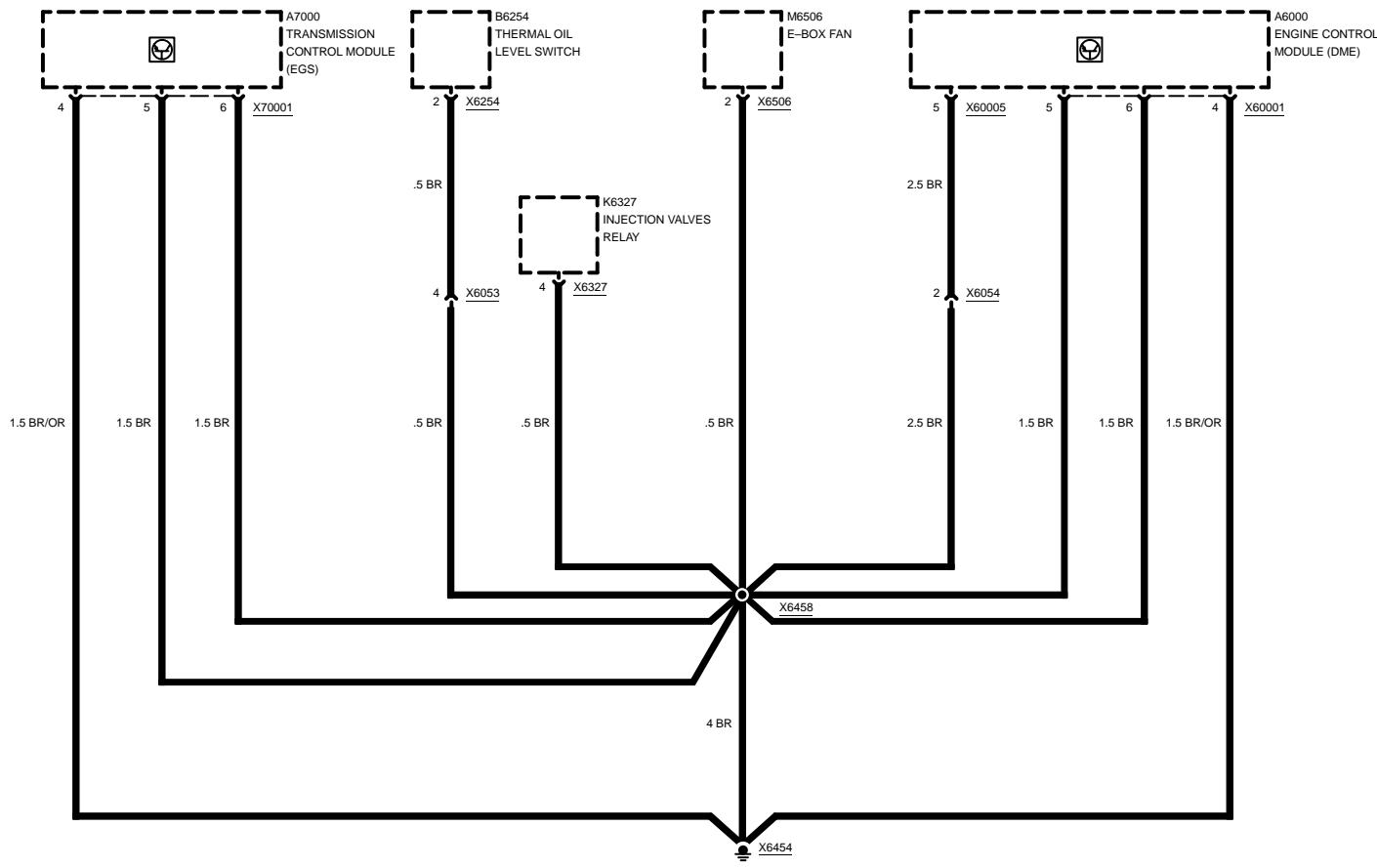


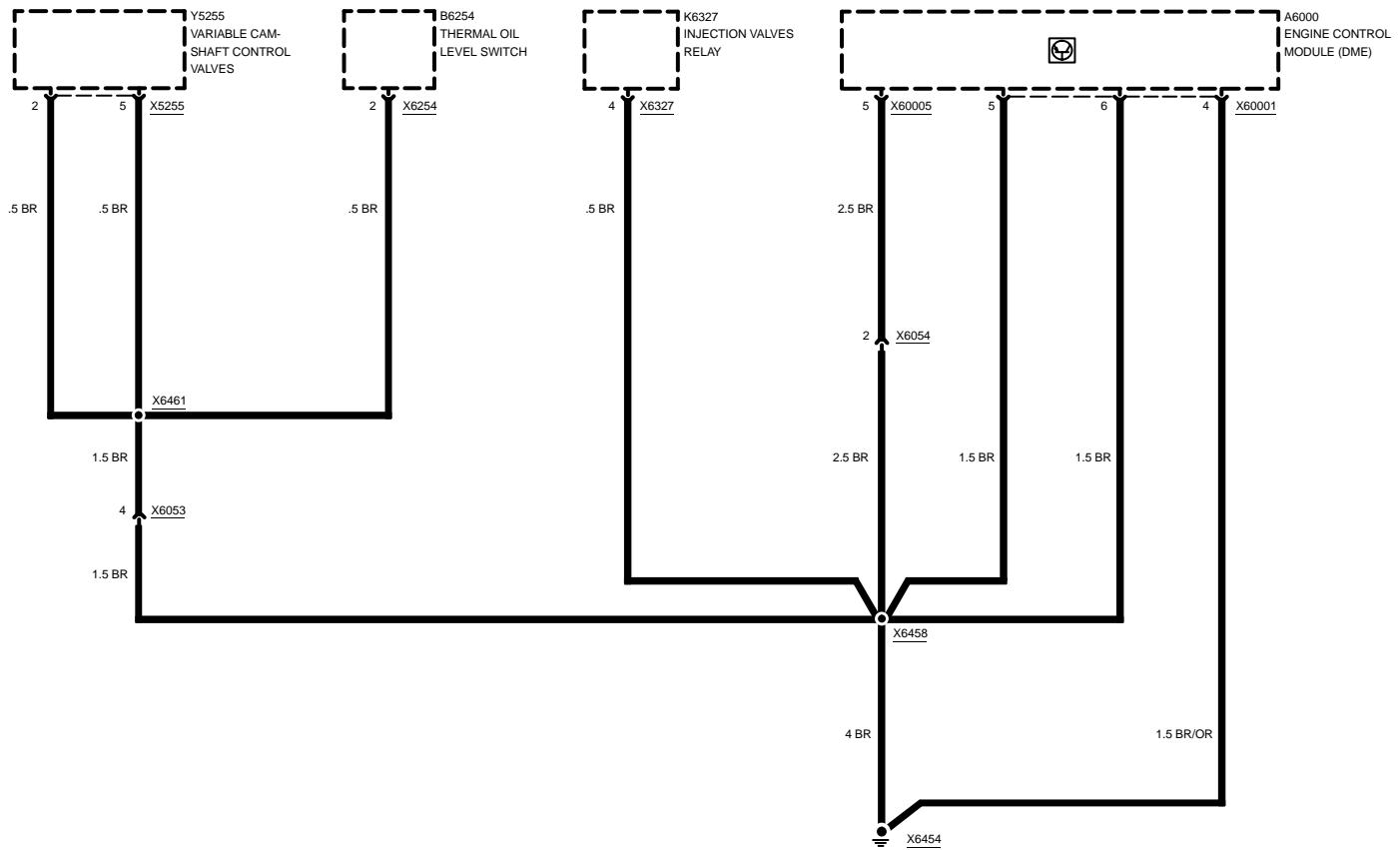
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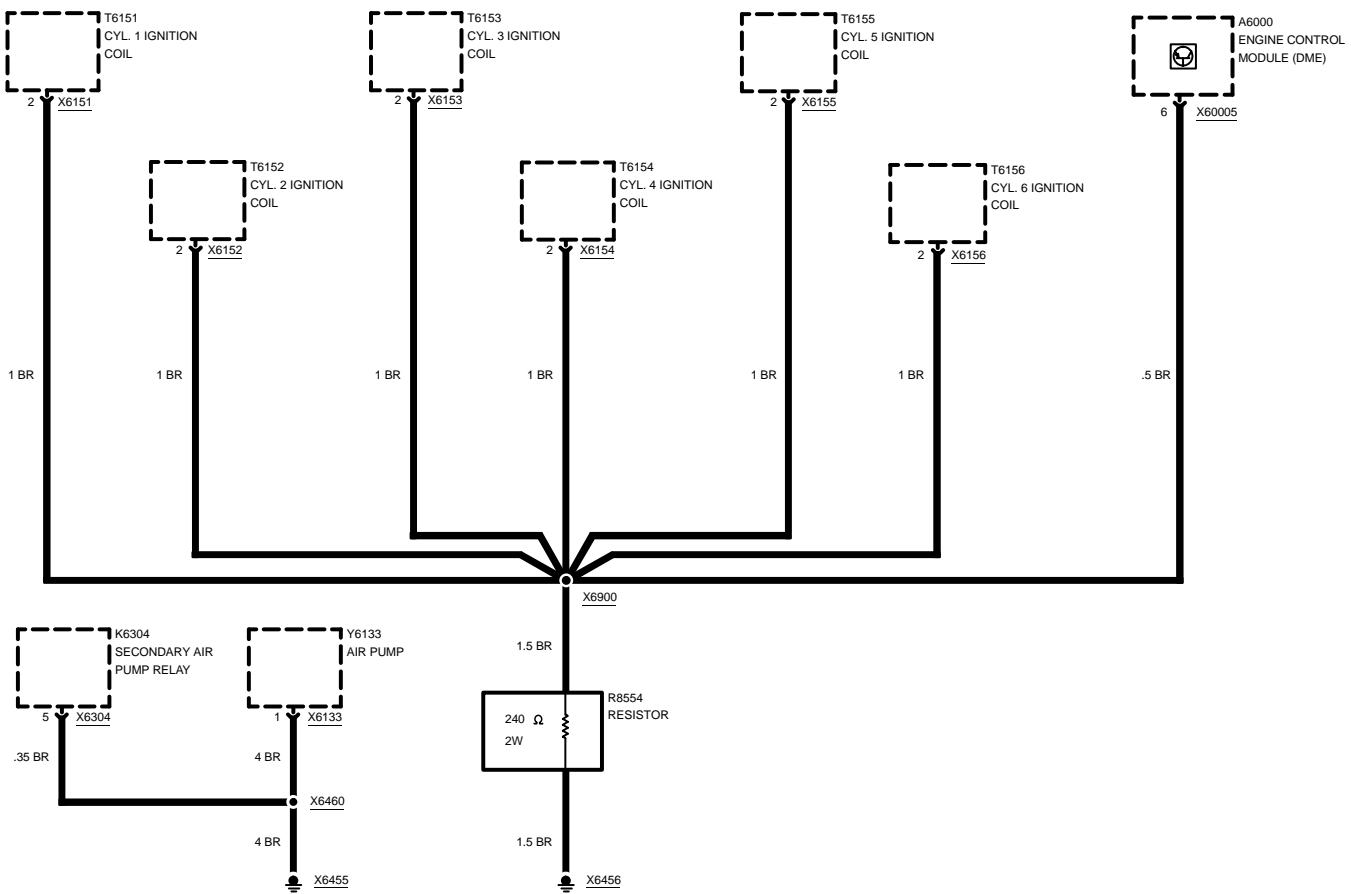
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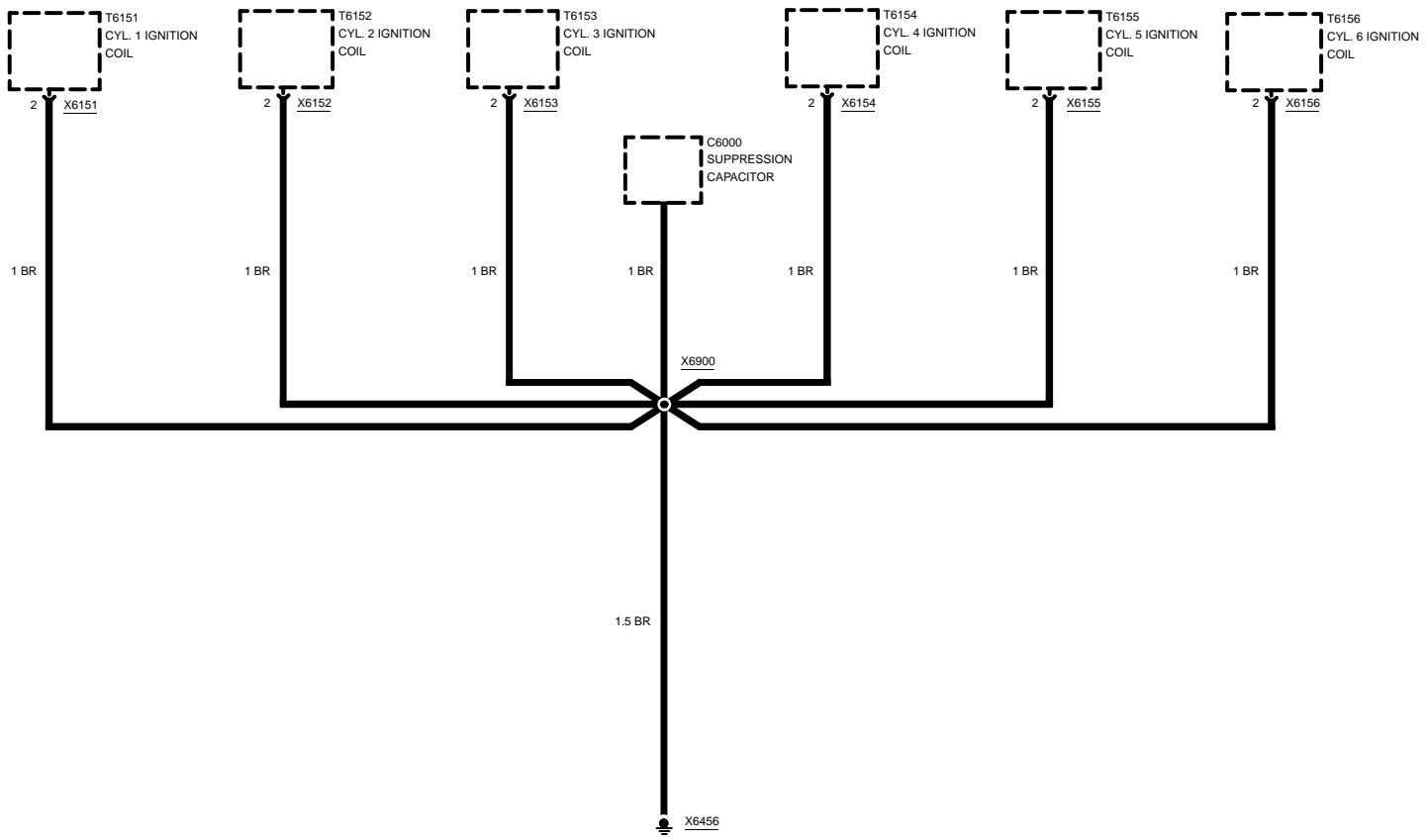
Z3

### Z3 VERSIONS

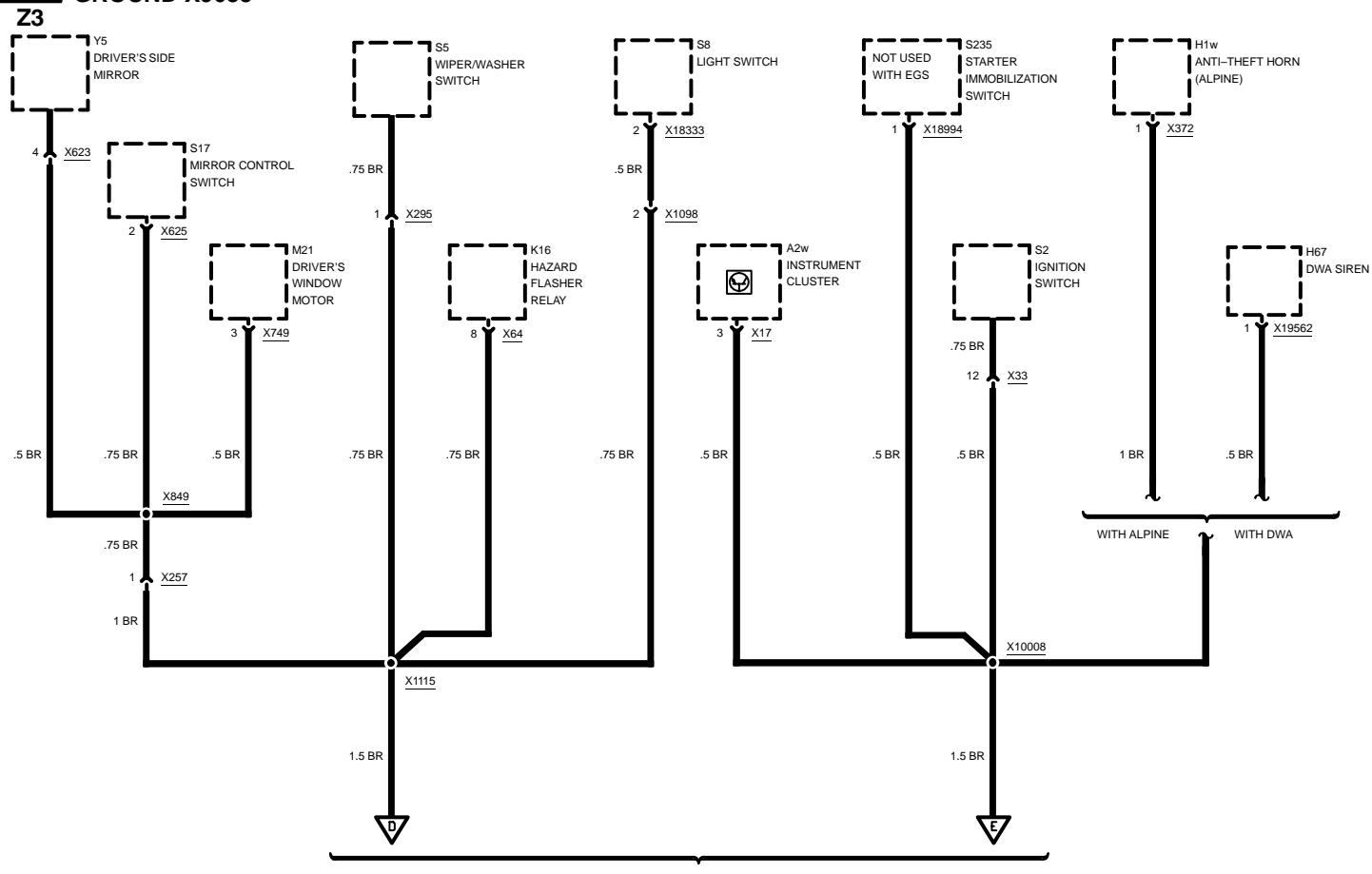


**GROUND DISTRIBUTION****GROUND X6454****Z3****M VERSIONS**

**GROUND DISTRIBUTION**  
**GROUNDS X6455 AND X6456****Z3 VERSIONS**

**GROUND DISTRIBUTION****GROUND X6456****Z3****M VERSIONS**

**BMW**  
**3** **GROUND DISTRIBUTION**  
**GROUND X9633**



01/01

0670.4-09

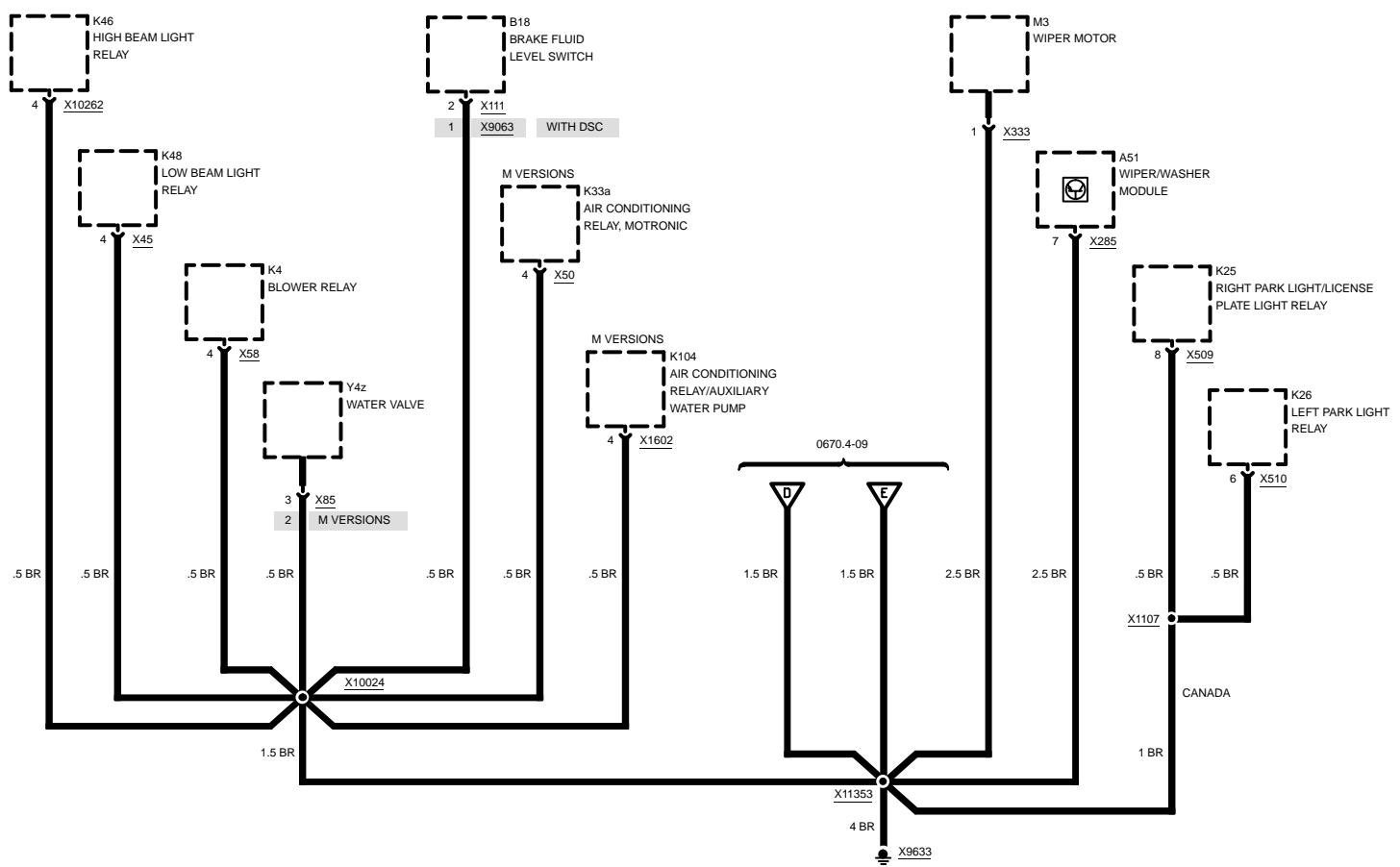
2001

**BMW**  
**3**  
**Z3** GROUND DISTRIBUTION  
**GROUND X9633**

01/01

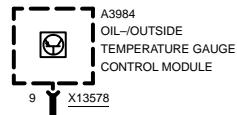
0670.4-10

2001



**BMW  
3 GROUND DISTRIBUTION**  
**GROUND X10010**
**Z3**

M VERSIONS



A104 BODY ELECTRONICS CONTROL MODULE (ZKE IV)

5 → X10182

A35y BOARD COMPUTER (BC - LOW)

6 → X10245

M VERSIONS  
S32 CLUTCH SWITCH

1 → X121

A2w INSTRUMENT CLUSTER

24 → X16

Z3 VERSIONS  
A19007 THERMAL OIL LEVEL SENSOR (TOENS) CONTROL MODULE

1 → X19007

Z3 VERSIONS LATE PRODUCTION  
A194y REMOTE CONTROL MODULE

10 → X13139

.5 BR/OR

N12w ANTI-THEFT CONTROL MODULE (ALPINE)

3 → X13025

A113 SEAT OCCUPANCY DETECTOR

2 → X10218

.5 BR/SW  
.5 BR/OR

19 → X279

.75 BR/OR

1.5 BR/OR

X10009

X10010

Z3 VERSIONS  
S32 CLUTCH SWITCH

1 → X11143

.5 BR/OR

N17 CRASH CONTROL MODULE

8 → X65

.5 BR/OR

1 BR/OR

Z3 VERSIONS  
B21 ON-BOARD COMPUTER TEMPERATURE SENSOR

2 → X770

D110 OBD II CONNECTOR

5 → X19527

M VERSIONS  
A22z ELECTRO-CHROMIC REAR VIEW MIRROR

10 → X13139

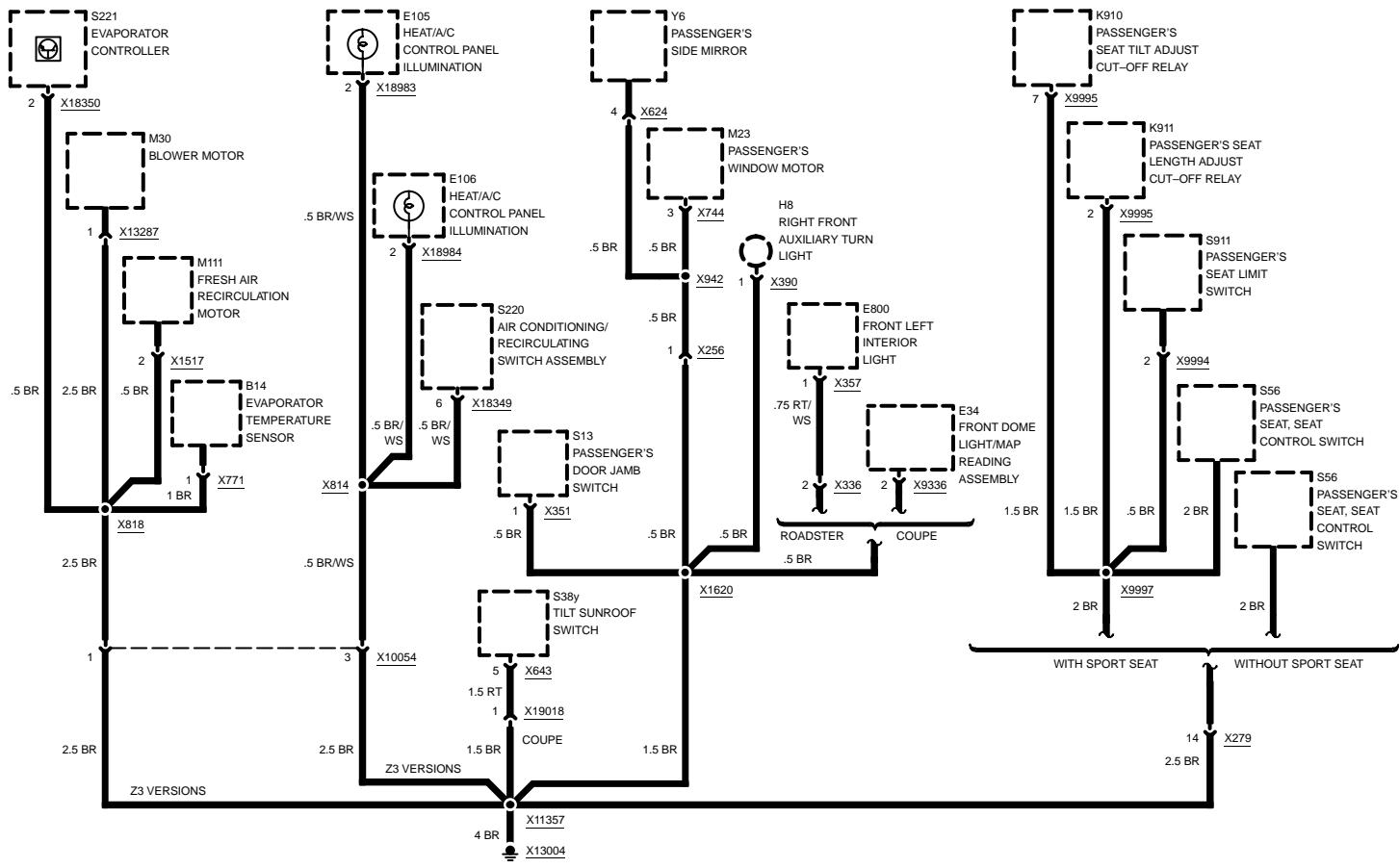
.5 BR/OR

1 BR/OR

# GROUND DISTRIBUTION

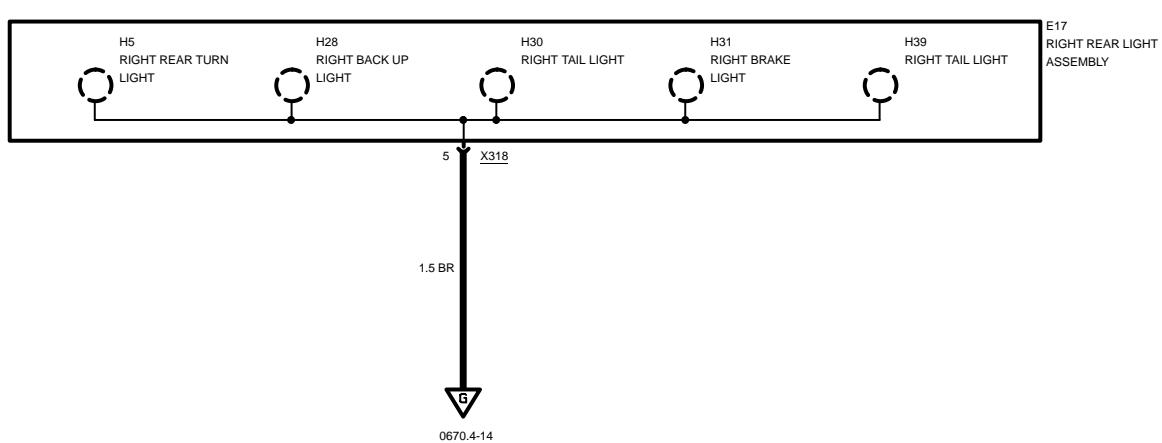
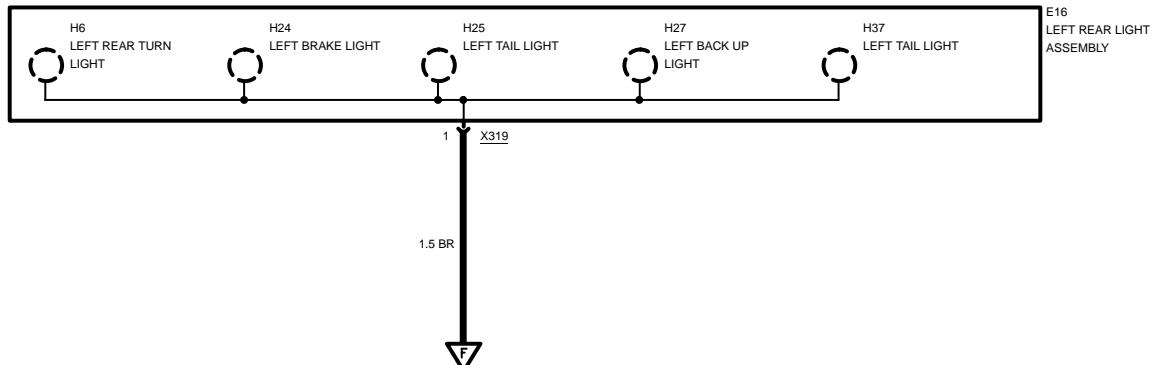
## GROUND X13004

Z3



## GROUND DISTRIBUTION

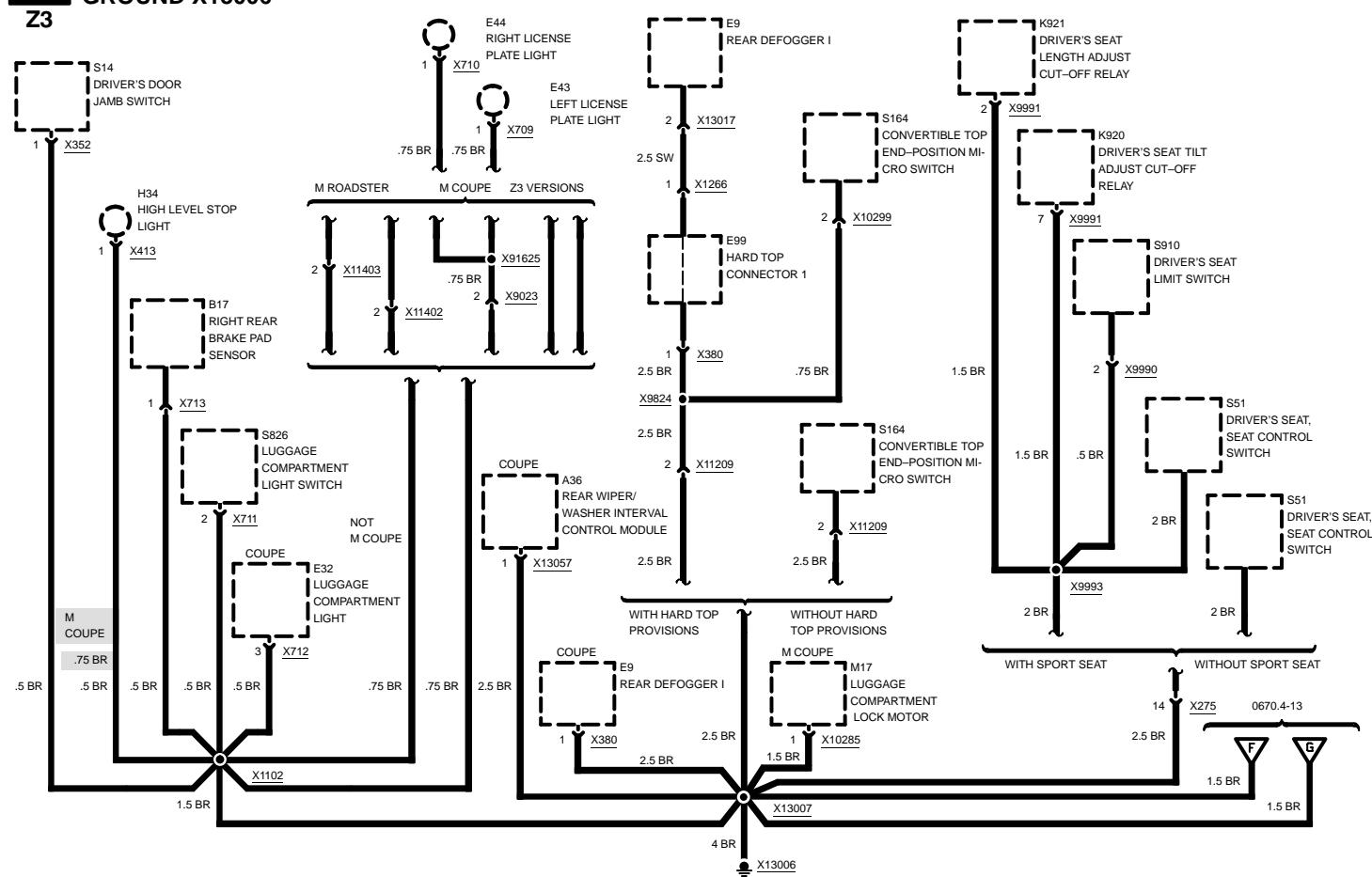
### GROUND X13006



**BMW**  
**3** **GROUND DISTRIBUTION**

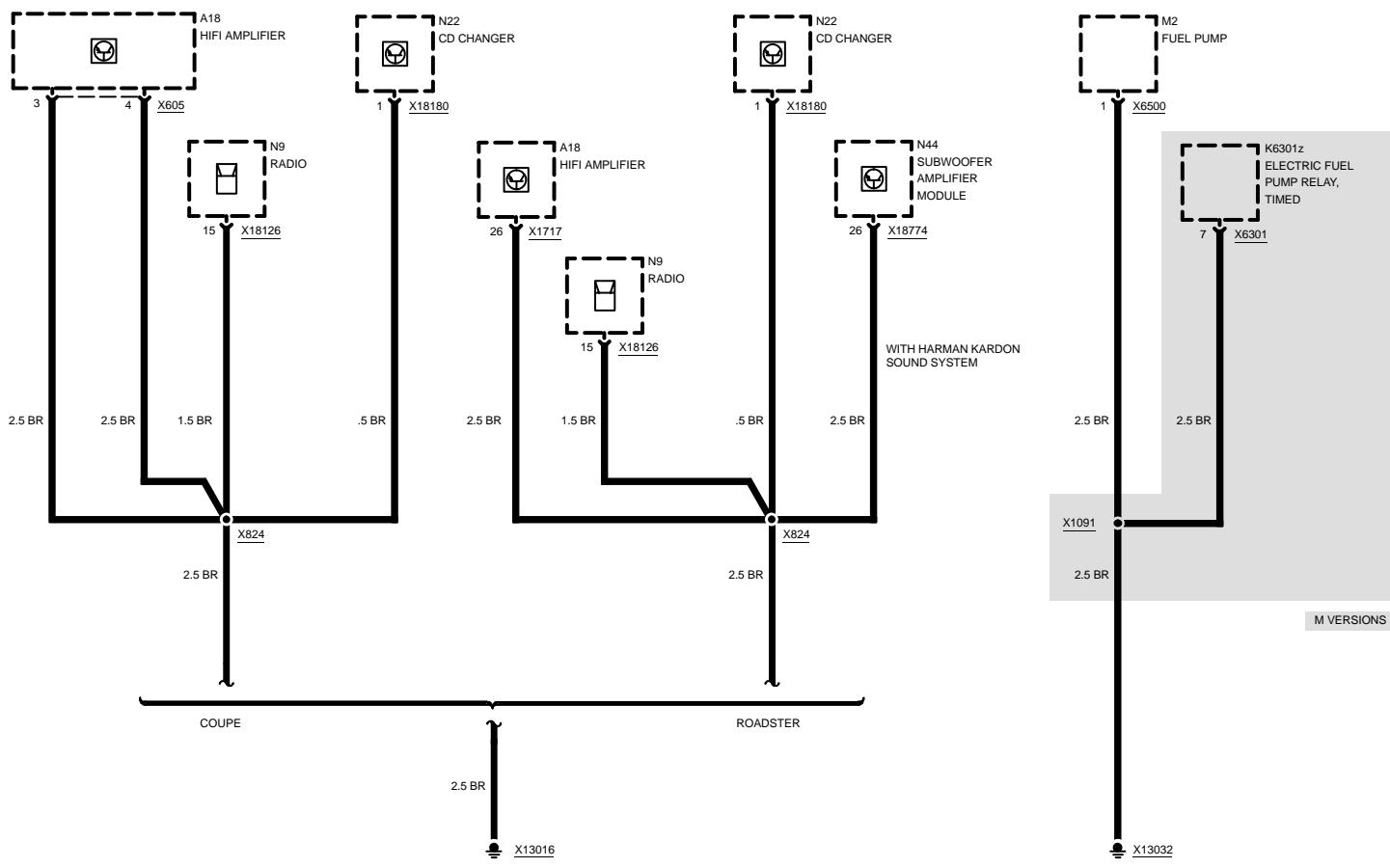
**GROUND X13006**

**Z3**



**BMW**  
**3** **GROUND DISTRIBUTION**  
GROUNDS X13016 AND X13032

Z3



01/01

0670.4-15

2001

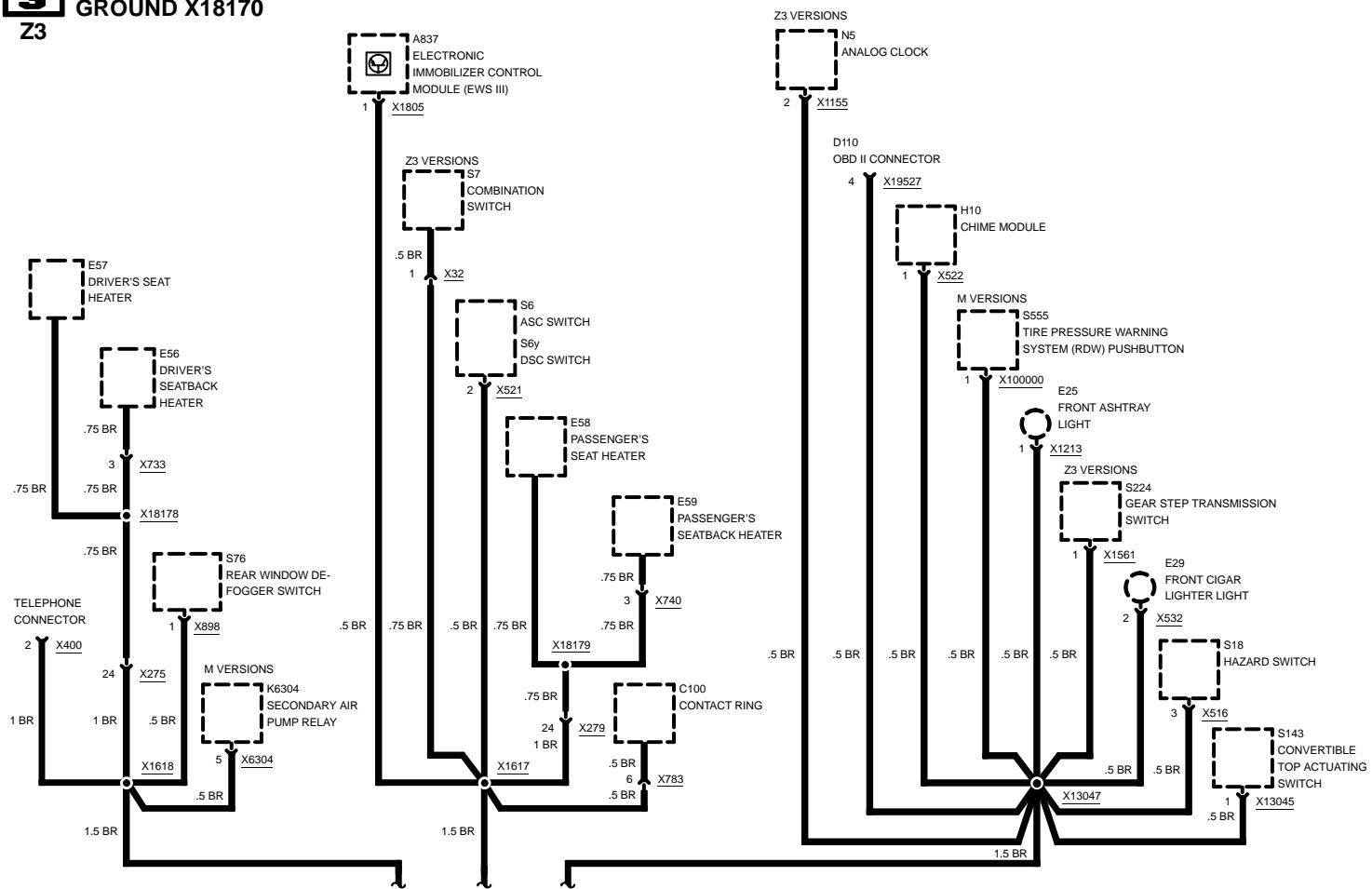
**BMW**  
**3** **GROUND DISTRIBUTION**  
**GROUND X18170**

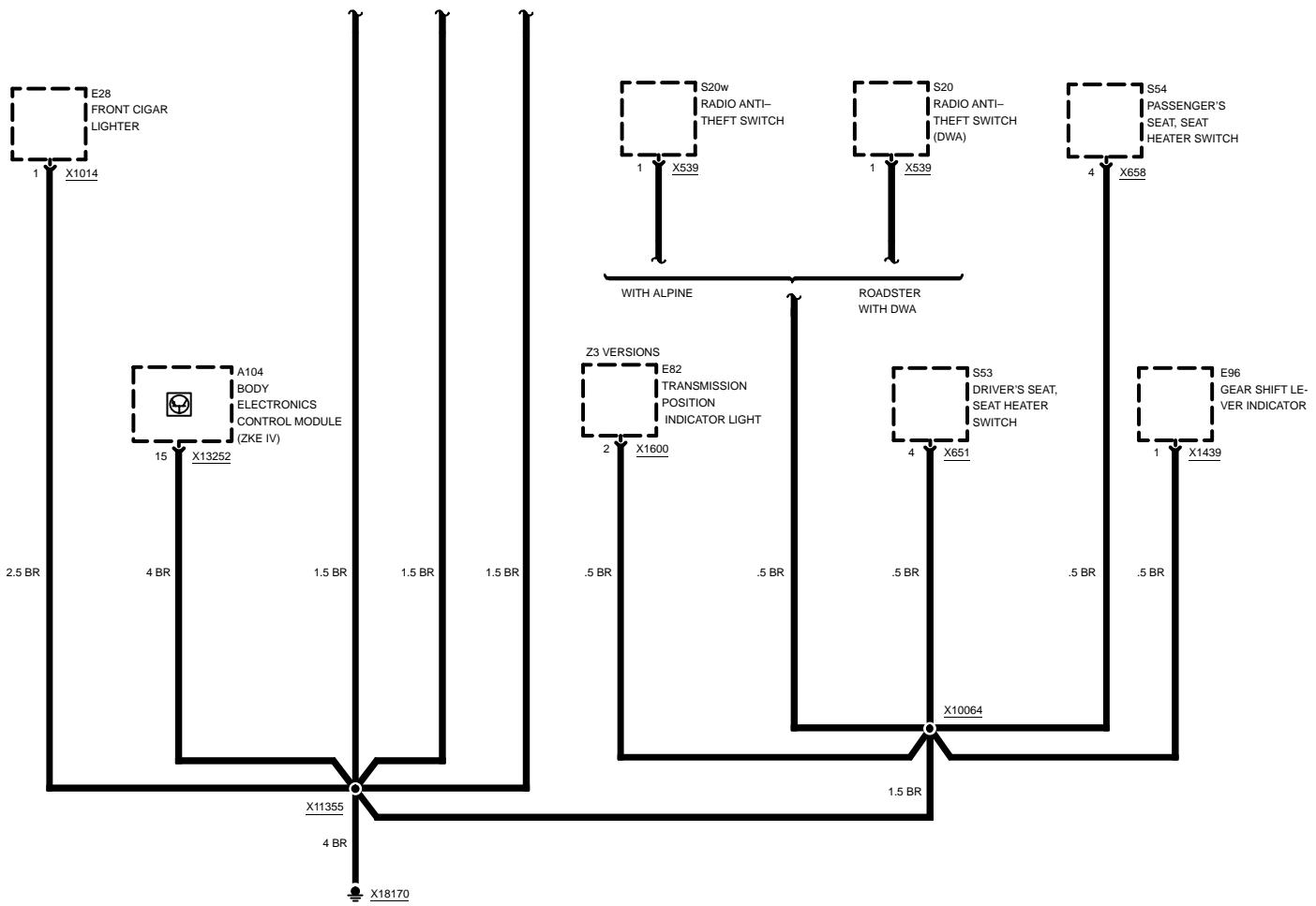
Z3

01/01

0670-4-16

2001



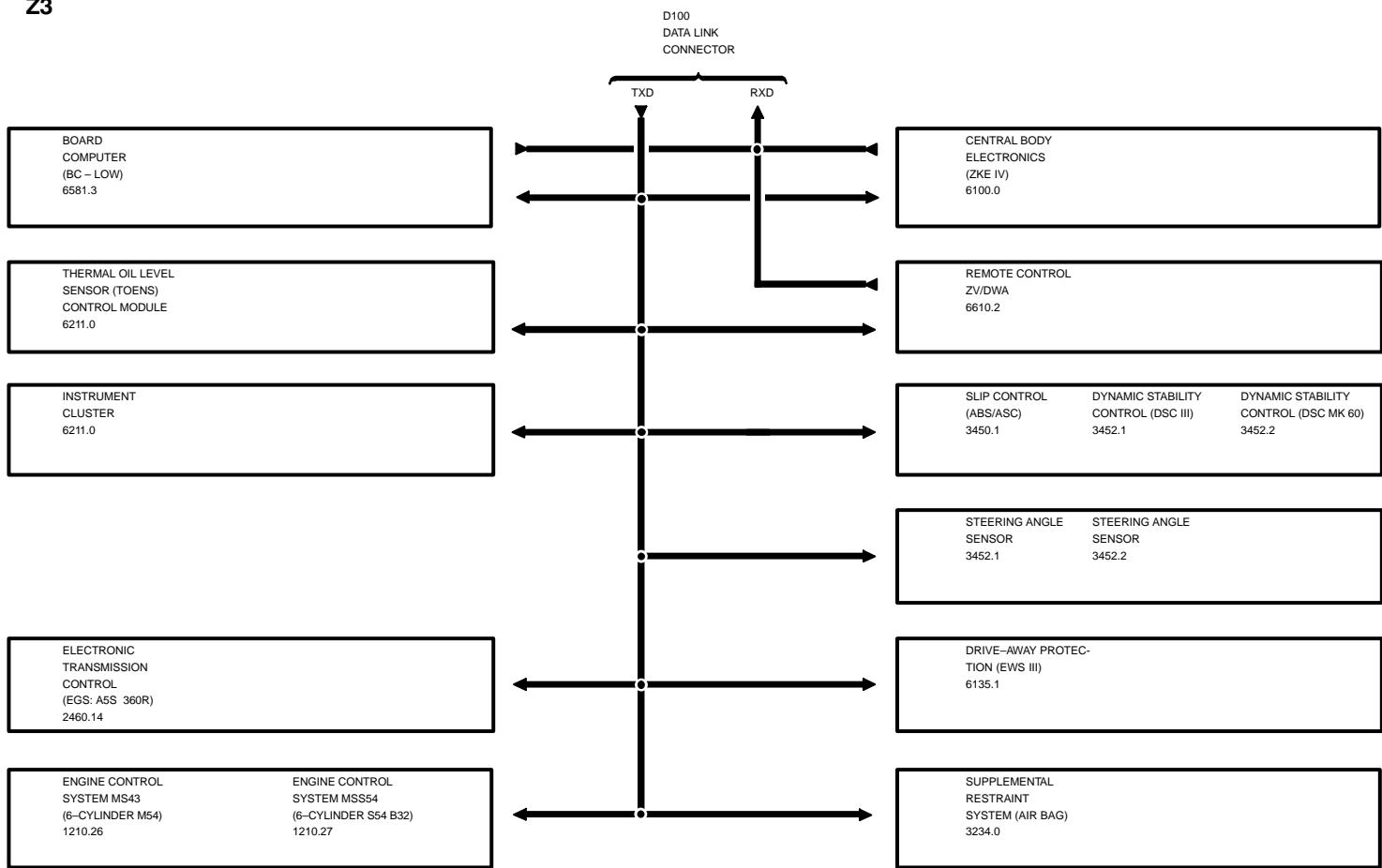


**BMW** **0670.5 DATA LINK**  
**BLOCK DIAGRAM**  
**Z3**

01/01

0670.5-00

2001

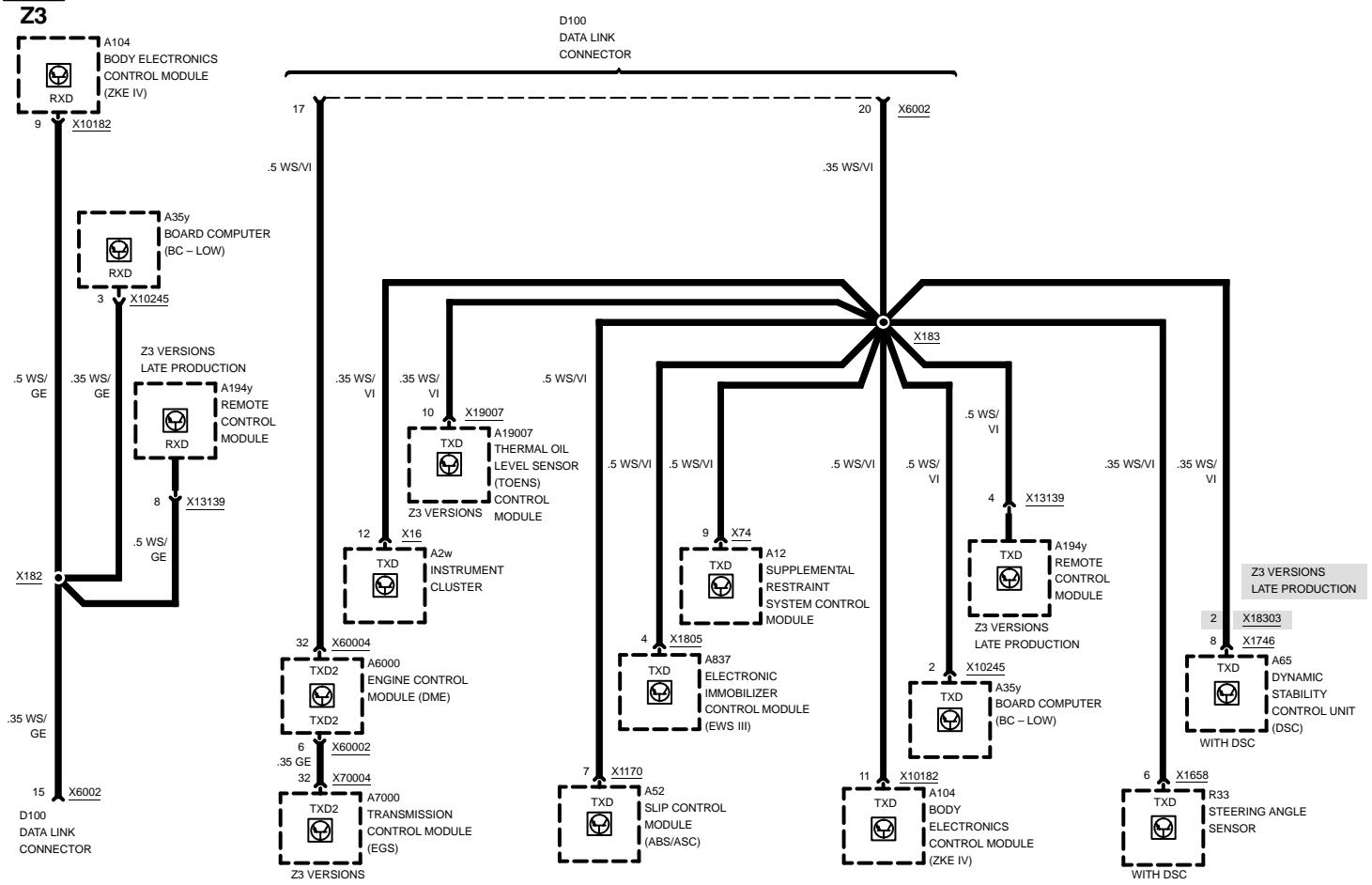


**BMW**  
**3** DATA LINK  
RXD AND TXD

0/01

0670.5-01

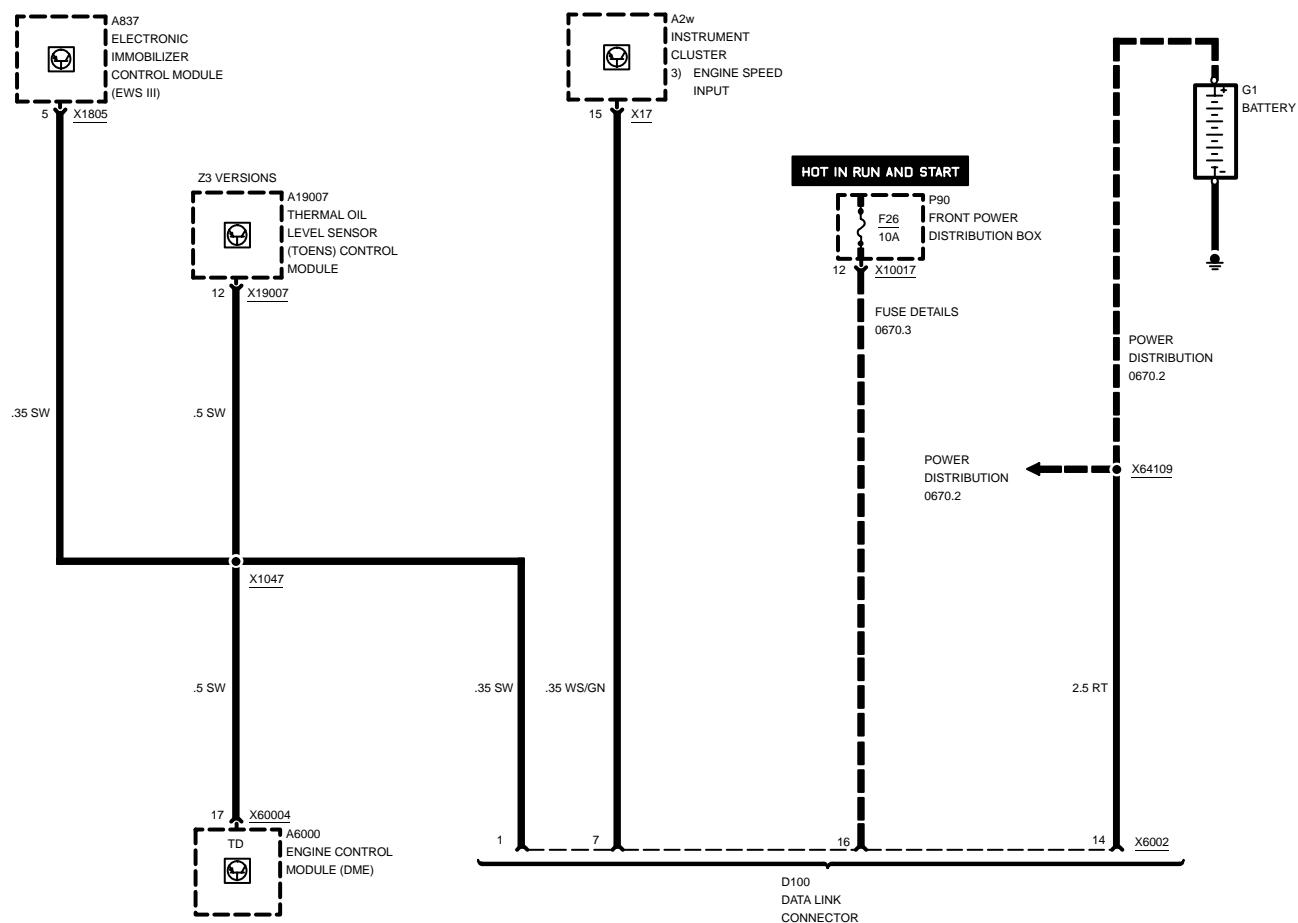
2001



## BMW 3 DATA LINK

**Z3**

### DATA LINK CONNECTOR, PINS 1, 7, 14, AND 16



01/01

0670.5-02

2001

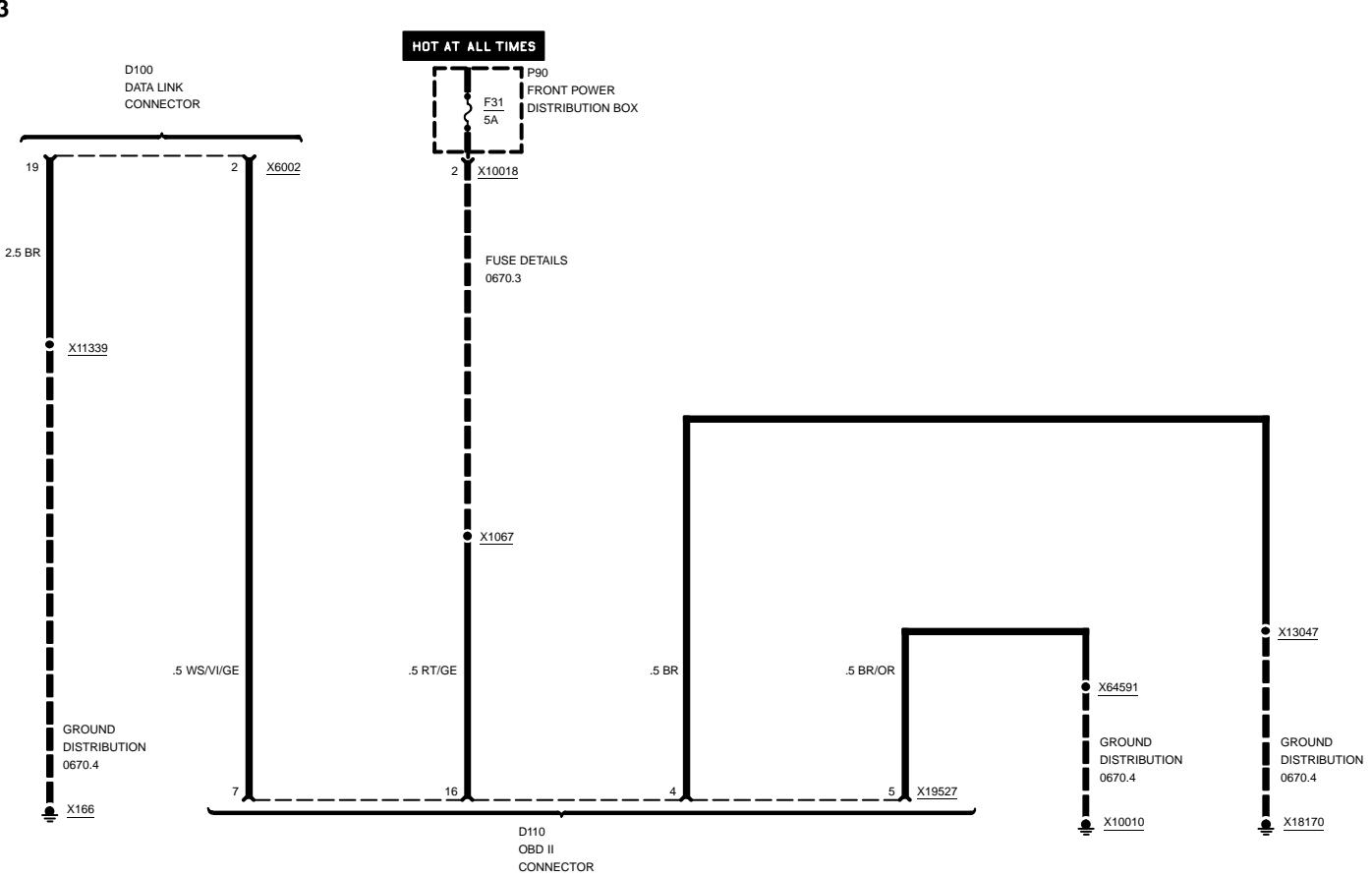
**BMW**  
**3**  
**Z3**

**DATA LINK  
 DATA LINK CONNECTOR, PINS 2 AND 19, AND OBD II CONNECTOR**

06/00

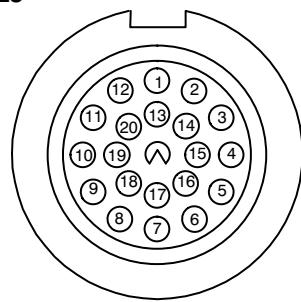
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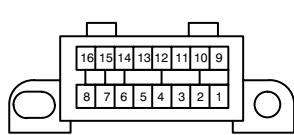


## **BMW** 3 DATA LINK

**Z3**



BRIDGES IN CAP OF D100  
DATA LINK CONNECTOR



BRIDGE IN CAP OF D110  
OBD II CONNECTOR



PIN NUMBER	TERMINAL NUMBER	TERMINAL DESCRIPTION	WIRE COLOR
1	TD	ENGINE	SW
2	TXD2	DIAGNOSTIC DATA LINK	WS/VI/GE
3	—	NOT OCCUPIED	
4	—	NOT OCCUPIED	
5	—	NOT OCCUPIED	
6	—	NOT OCCUPIED	
7	RESET	SERVICE INTERVAL RESET	WS/GN
8	—	NOT OCCUPIED	
9	—	NOT OCCUPIED	
10	—	NOT OCCUPIED	
11	—	NOT OCCUPIED	
12	—	NOT OCCUPIED	
13	—	NOT OCCUPIED	
14	30	VOLTAGE: HOT AT ALL TIMES	RT
15	RXD	DIAGNOSTIC DATA LINK	WS/GE
16	15S	VOLTAGE: IGNITION SWITCH IN RUN AND START	GN/WS
17	TXD2	DIAGNOSTIC DATA LINK	WS/VI
18	—	NOT OCCUPIED	
19	31	GROUND	BR
20	TXD	DIAGNOSTIC DATA LINK	WS/VI

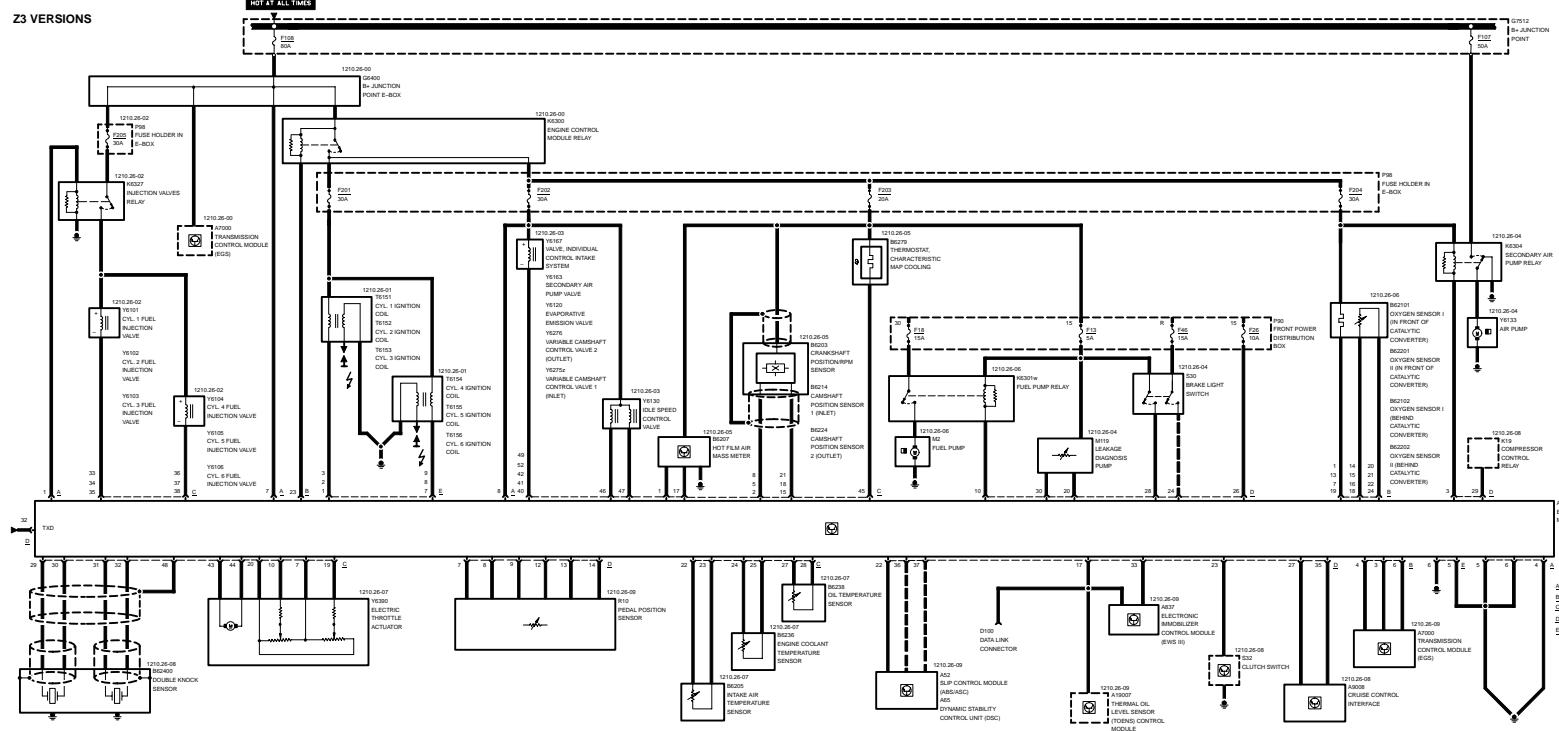
**1210.26 ENGINE CONTROL SYSTEM MS43 (6-CYLINDER M54)**

01/01

**1210.26**

2001

Z3 VERSIONS



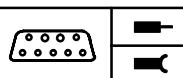


01/01

1210.26-a

2001

Z3



## Pin Assignments (Z3 Versions)

A = X60001	9 Pins, black
B = X60002	24 Pins, black
C = X60003	52 Pins, black
D = X60004	40 Pins, black
E = X60005	9 Pins, black

### X60001

Pin	Type	Signal	Description/Function	Connection
1	A	15	Activate relay	Relay, injection valves
2			Not used	
3			Not used	
4	M	31E	Ground	Ground point
5	M	31L	Ground	Ground point
6	M	31L	Ground	Ground point
7	E	30	Voltage supply	B+ junction point E-box
8	E	U_HR<2	Voltage supply	Fuse holder in E-box, fuse F202
9			Not used	

### X60002

Pin	Type	Signal	Description/Function	Connection
1	M	T_LHV1	Oxygen sensor heating ground	Oxygen sensor 1 (in front of catalytic converter)
2			Not used	
3	E/A	D_CAN-L	CAN bus low	Transmission control module (EGS)
4	E/A	D_CAN-H	CAN bus high	Transmission control module (EGS)
5			Not used	
6	E/A	D_TXD2	Diagnosis	Transmission control module (EGS)
7	M	T_LHH1	Oxygen sensor heating ground	Oxygen sensor 1 (behind catalytic converter)
8			Not used	

E = Input, A = Output, M = Ground



01/01

1210.26-b

2001



## Pin Assignments (Z3 Versions)

Pin	Type	Signal	Description/Function	Connection
9			Not used	
10			Not used	
11			Not used	
12			Not used	
13	M	T_LHV2	Oxygen sensor heating ground	Oxygen sensor 2 (in front of catalytic converter)
14	E	A_LSV1	Sensor signal	Oxygen sensor 1 (in front of catalytic converter)
15	E	A_LSV2	Sensor signal	Oxygen sensor 2 (in front of catalytic converter)
16	E	A_LSH1	Sensor signal	Oxygen sensor 1 (behind catalytic converter)
17			Not used	
18	E	A_LSH2	Sensor signal	Oxygen sensor 2 (behind catalytic converter)
19	M	T_LHH2	Oxygen sensor heating ground	Oxygen sensor 2 (behind catalytic converter)
20	M	M_LSV1	Signal ground	Oxygen sensor 1 (in front of catalytic converter)
21	M	M_LSV2	Signal ground	Oxygen sensor 2 (in front of catalytic converter)
22	M	M_LSH1	Signal ground	Oxygen sensor 1 (behind catalytic converter)
23	A	S_HR	Activate relay	Engine control module relay
24	M	M_LSH2	Signal ground	Oxygen sensor 2 (behind catalytic converter)

## X60003

Pin	Type	Signal	Description/Function	Connection
1	E	A_HFM	Signal air mass meter	Hot film air mass meter
2	E	P_NWGA1	Signal camshaft position	Camshaft position sensor 2 (outlet)
3			Not used	
4			Not used	

E = Input, A = Output, M = Ground



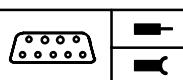
## Pin Assignments (Z3 Versions)

Pin	Type	Signal	Description/Function	Connection
5	E	P_NWGE1	Signal camshaft position	Camshaft position sensor 1 (inlet)
6			Not used	
7	A	U_DKG	Voltage supply	Electrical gas actuator
8	E	P_KWG	Signal crankshaft position	Crankshaft position sensor
9			Not used	
10	E	A_DKG2	Throttle position signal 2	Electrical gas actuator
11			Not used	
12			Not used	
13			Not used	
14			Not used	
15	M	M_NWGA1	Ground	Camshaft position sensor 2 (outlet)
16			Not used	
17	M	M_HFM	Ground	Hot film air massmeter
18	M	M_NWGE1	Ground	Crankshaft position sensor 1 (inlet)
19	E	A_DKG1	Throttle position signal 1	Electrical gas actuator
20	M	M_DKG	Ground	Electrical gas actuator
21	M	M_KWG	Ground	Crankshaft position sensor
22	E	A_TANS	Temperature signal	Intake air temperature sensor
23	M	M_TANS	Ground	Intake air temperature sensor
24	E	A_TMOT	Temperature signal	Engine coolant temperature sensor
25	M	M_TMOT	Ground	Engine coolant temperature sensor
26			Not used	
27	E	A_TOEL	Temperature signal	Oil temperature sensor
28	M	M_TOEL	Ground	Oil temperature sensor
29	E	A_KS1A	Cyl. 1-3 knock sensor	Double knock sensor
30	E	A_KS1B	Cyl. 1-3 knock sensor	Double knock sensor
31	E	A_KS2A	Cyl. 4-6 knock sensor	Double knock sensor
32	E	A_KS2B	Cyl. 4-6 knock sensor	Double knock sensor
33	A	P_EVZ1	Activate valve	Cyl. 1 fuel injection valve
34	A	P_EVZ2	Activate valve	Cyl. 2 fuel injection valve
35	A	P_EVZ3	Activate valve	Cyl. 3 fuel injection valve
36	A	P_EVZ4	Activate valve	Cyl. 4 fuel injection valve

E = Input, A = Output, M = Ground



Z3



## Pin Assignments (Z3 Versions)

Pin	Type	Signal	Description/Function	Connection
37	A	P_EVZ5	Activate valve	Cyl. 5 fuel injection valve
38	A	P_EVZ6	Activate valve	Cyl. 6 fuel injection valve
39			Not used	
40	A	T_NWE1	Activate valve	Variable camshaft control valve 1 (inlet)
41	A	T_NWA1	Activate valve	Variable camshaft control valve 2 (outlet)
42	A	T_TEV	Activate valve	Evaporative emission valve
43	A	T_MDK1	Activate motor	Throttle position actuator
44	A	T_MDK2	Activate motor	Throttle position actuator
45	A	S_KFK	Cooling signal	Thermostat, characteristic map cooling
46	A	T_LLFSS	CLOSE signal	Idle speed control valve
47	A	T_LLFSO	OPEN signal	Idle speed control valve
48	M	W_KS	Ground	Shield knock sensor
49	A	S_DISA	Activate valve	Valve, individual control intake system
50			Not used	
51			Not used	
52	A	S_SLPV	Activate valve	Secondary air pump valve

## X60004

Pin	Type	Signal	Description/Function	Connection
1			Not used	
2			Not used	
3	A	S_SLP	Activate relay	Secondary air pump relay
4			Not used	
5			Not used	
6			Not used	
7	M	M_FWG1	Ground	Pedal position sensor
8	E	A_FWG1	Signal, pedal position 1	Pedal position sensor
9	A	U_FWG1	Voltage supply	Pedal position sensor

E = Input, A = Output, M = Ground



01/01

1210.26-e

2001

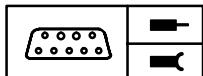


## Pin Assignments (Z3 Versions)

Pin	Type	Signal	Description/Function	Connection
10	A	EKP	Activate relay	Fuel pump relay
11			Not used	
12	M	M_FWG2	Ground	Pedal position sensor
13	E	A_FWG2	Signal, pedal position 2	Pedal position sensor
14	A	U_FWG2	Voltage supply	Pedal position sensor
15			Not used	
16			Not used	
17	A	TD	Crankshaft RPM speed signal (TD)	Electronic immobilizer control module (EWS III)/Thermal oil level sensor (TOENS) control module
18			Not used	
19			Not used	
20	A	S_DMTL	Voltage supply	Leakage diagnosis pump
21			Not used	
22	E	DFAHR	Speed signal right rear	ABS/ASC/DSC control module
23	E	KUPP	Clutch signal	Clutch switch
24	E	KL 54 ON	Brake signal	Brake light switch
25			Not used	
26	E	15A26	Terminal 15	Fuse 26
27	E	MFL	Cruise control signal	Cruise control interface
28	E	S_BLTS	Brake signal	Brake light switch
29	A	S_KOREL	Activate relay	Compressor control relay
30	A	S_UVTL	Activate changeover valve	Leakage diagnosis pump
31			Not used	
32	E/A	TXDII	TXD diagnosis data link	Data link connector
33	E	S_DWA	Drive-away protection signal (code)	Electronic immobilizer control module (EWS III)
34			Not used	
35	M	31	Ground	Cruise control interface
36	E/A	CAN+	CAN bus high	Instrument cluster, ABS/ASC/DSC control module, steering angle sensor

E = Input, A = Output, M = Ground

Z3



## Pin Assignments (Z3 Versions)

Pin	Type	Signal	Description/Function	Connection
37	E/A	CAN-	CAN bus low	Instrument cluster, ABS/ASC/DSC control module, steering angle sensor
38			Not used	
39			Not used	
40			Not used	

## X60005

Pin	Type	Signal	Description/Function	Connection
1	A	P_ZSZ3	Ignition coil signal	Cyl. 3 ignition coil
2	A	P_ZSZ2	Ignition coil signal	Cyl. 2 ignition coil
3	A	P_ZSZ1	Ignition coil signal	Cyl. 1 ignition coil
4			Not used	
5	M	31L	Ground	Ground point
6	M	A_ZSR	Ground	Ground point
7	A	P_ZSZ6	Ignition coil signal	Cyl. 6 ignition coil
8	A	P_ZSZ5	Ignition coil signal	Cyl. 5 ignition coil
9	A	P_ZSZ4	Ignition coil signal	Cyl. 4 ignition coil

E = Input, A = Output, M = Ground



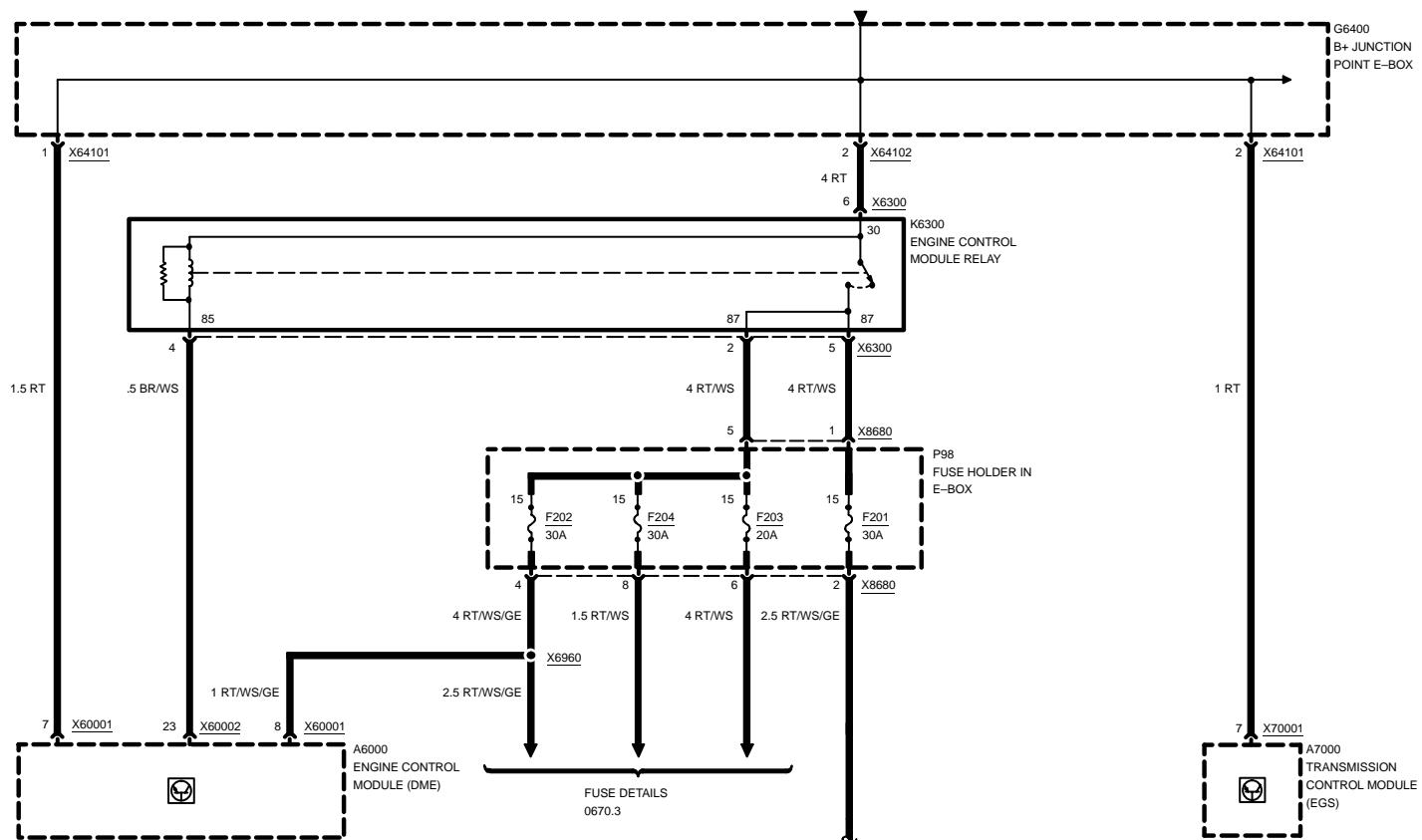
## ENGINE CONTROL SYSTEM MS43 (6-CYLINDER M54)

Z3 VERSIONS

Z3

HOT AT ALL TIMES

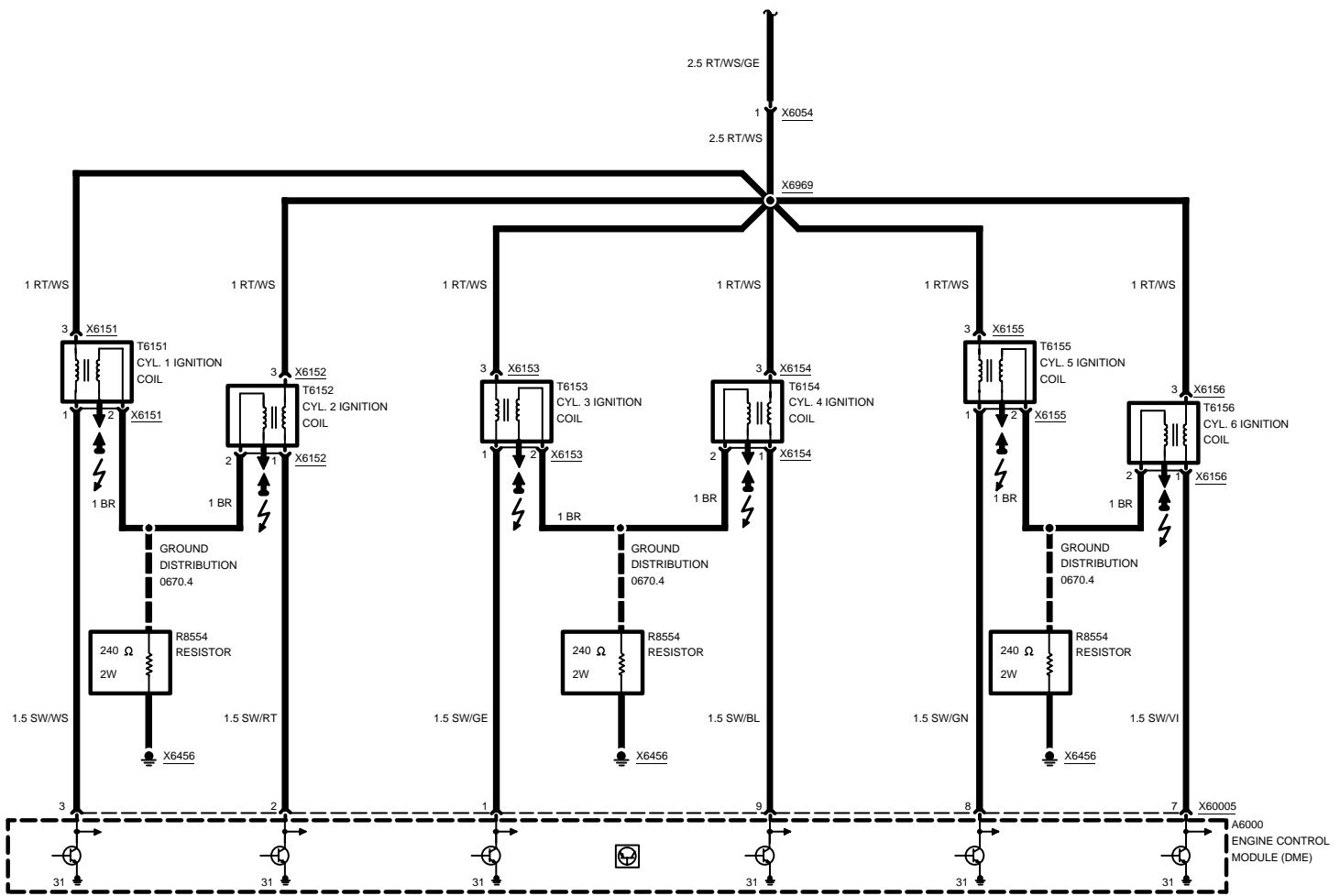
POWER  
DISTRIBUTION  
0670.2



01/01

1210.26-00

2001





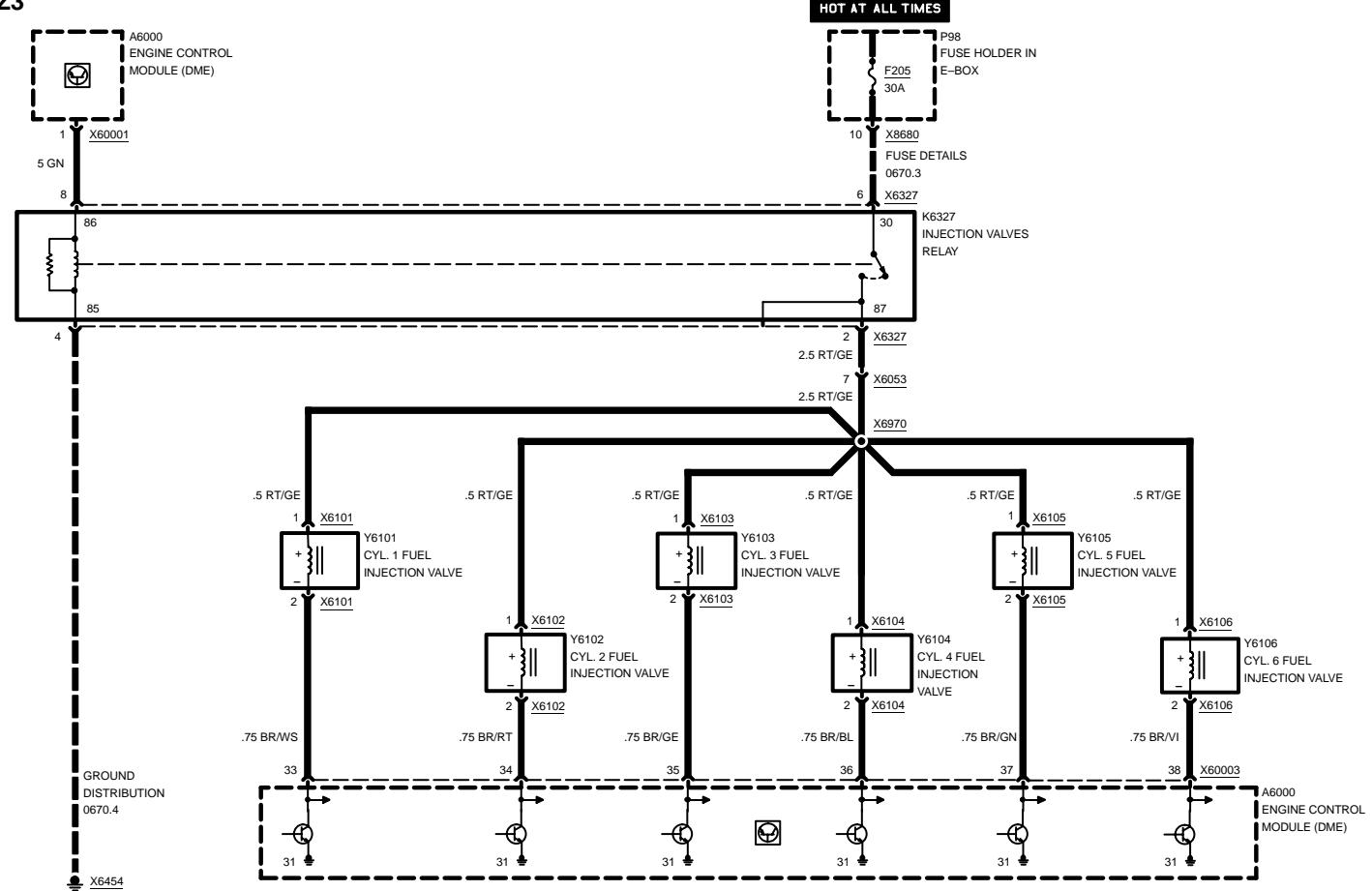
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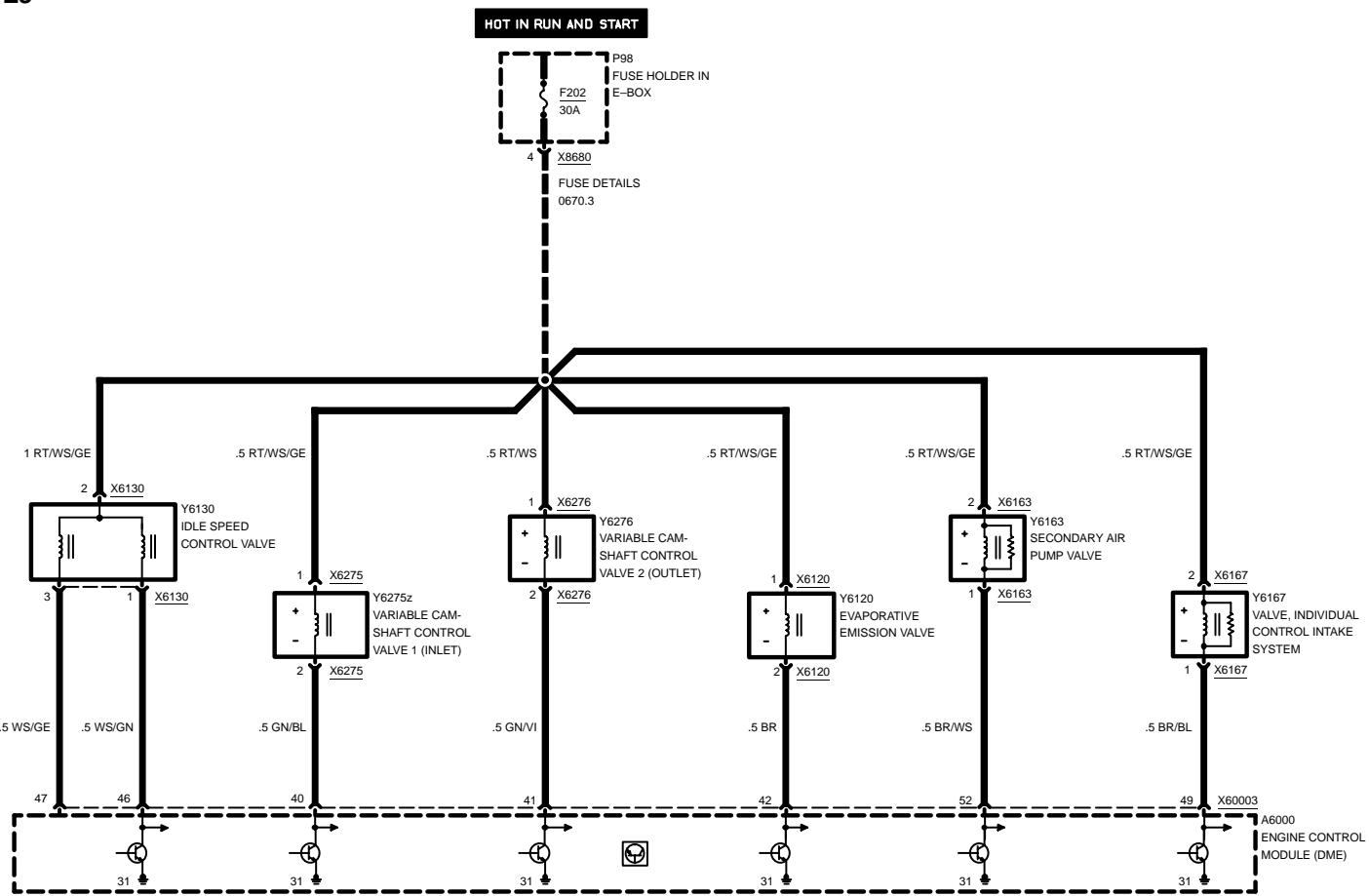
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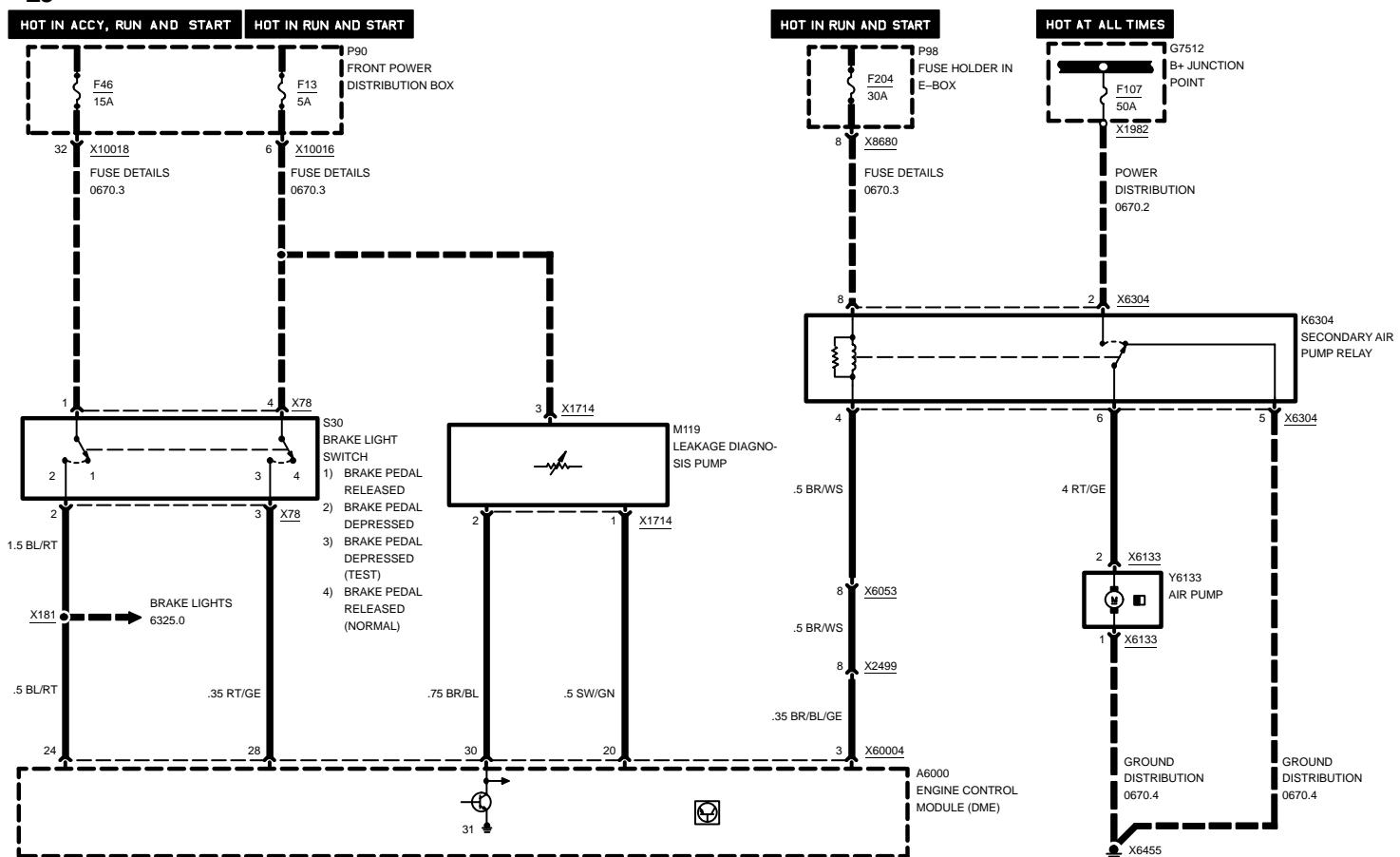
01/01

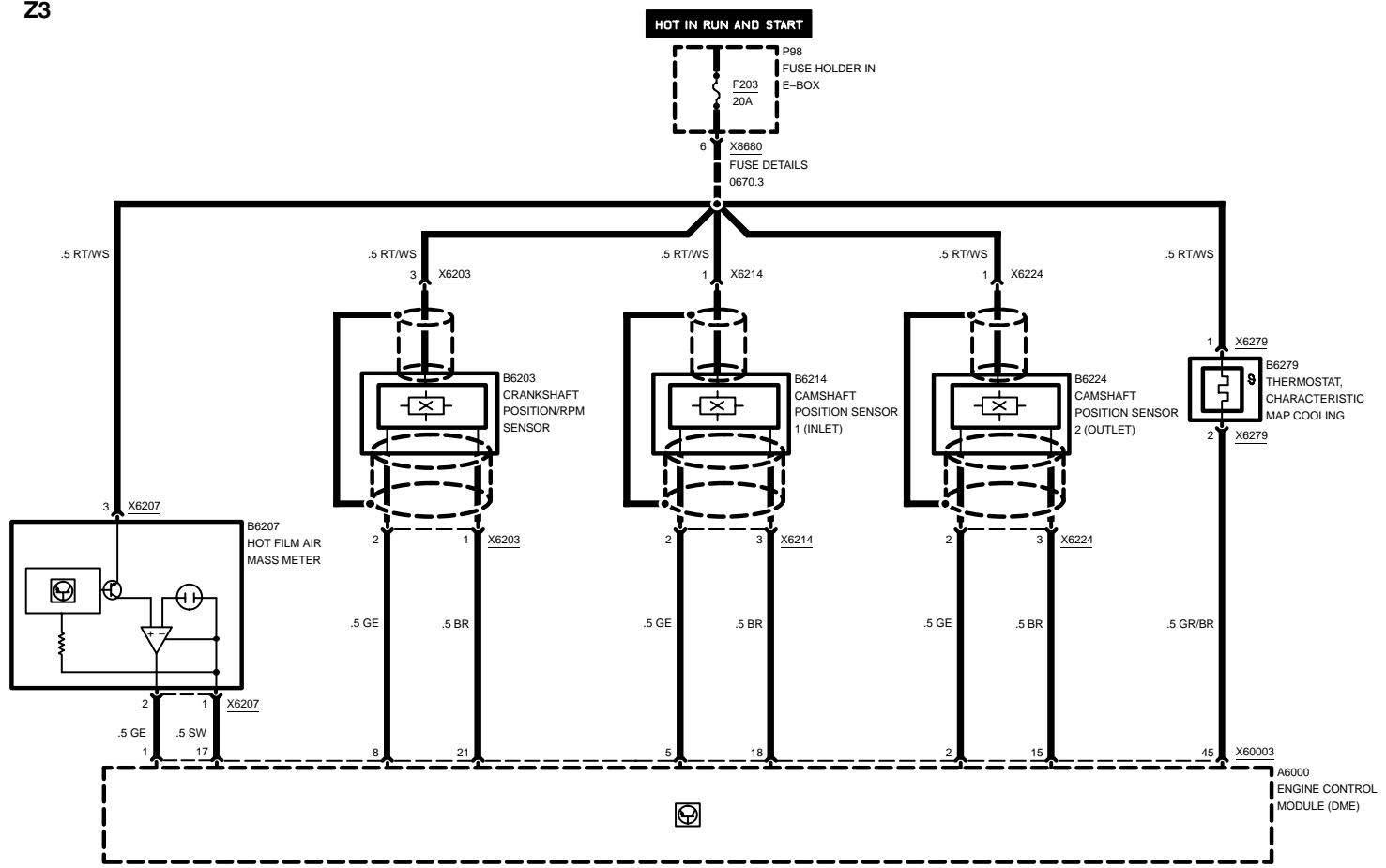
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2001







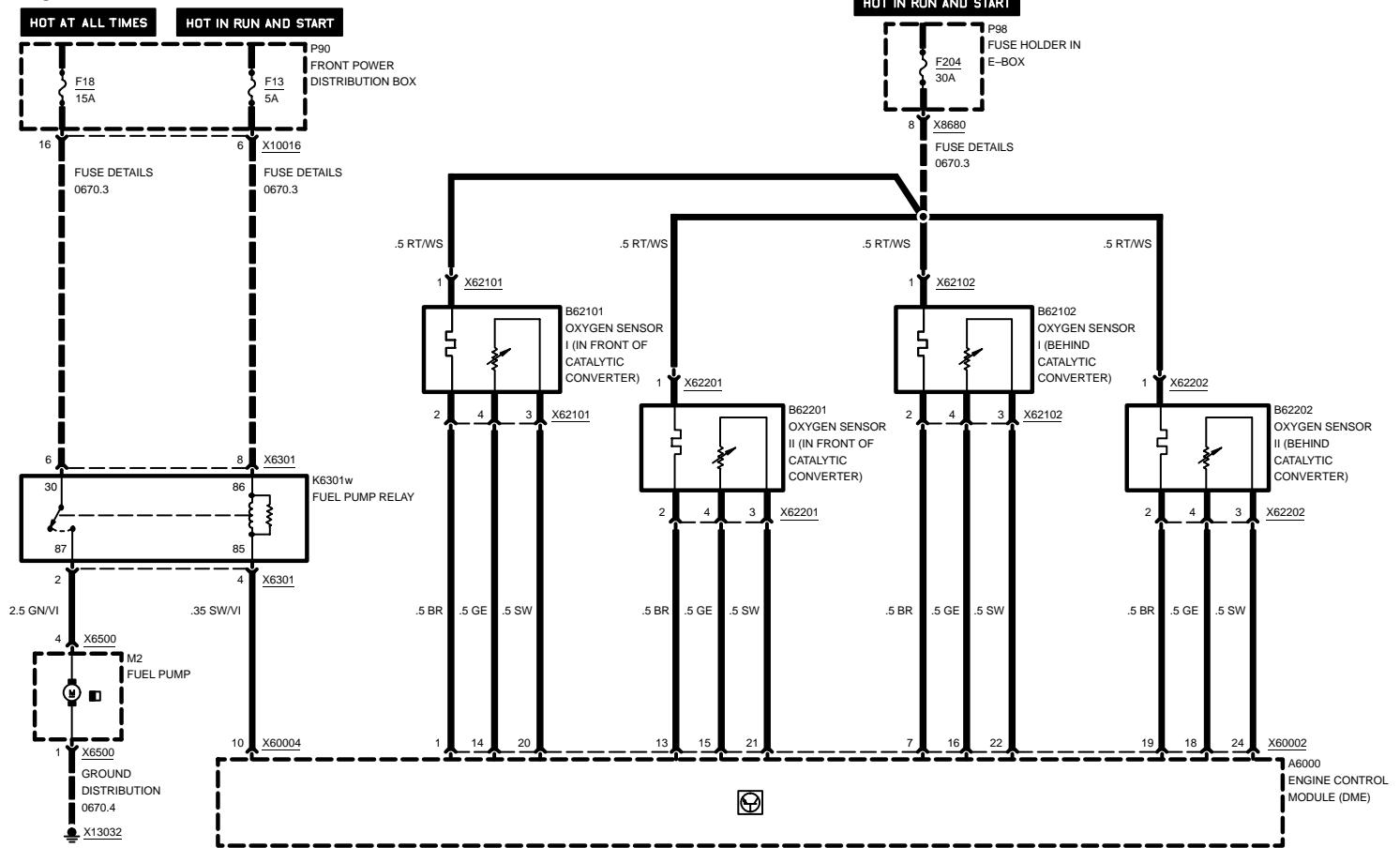


# BMW 3 ENGINE CONTROL SYSTEM MS43 (6-CYLINDER M54)

Z3 VERSIONS



Z3



01/01

1210.26-06

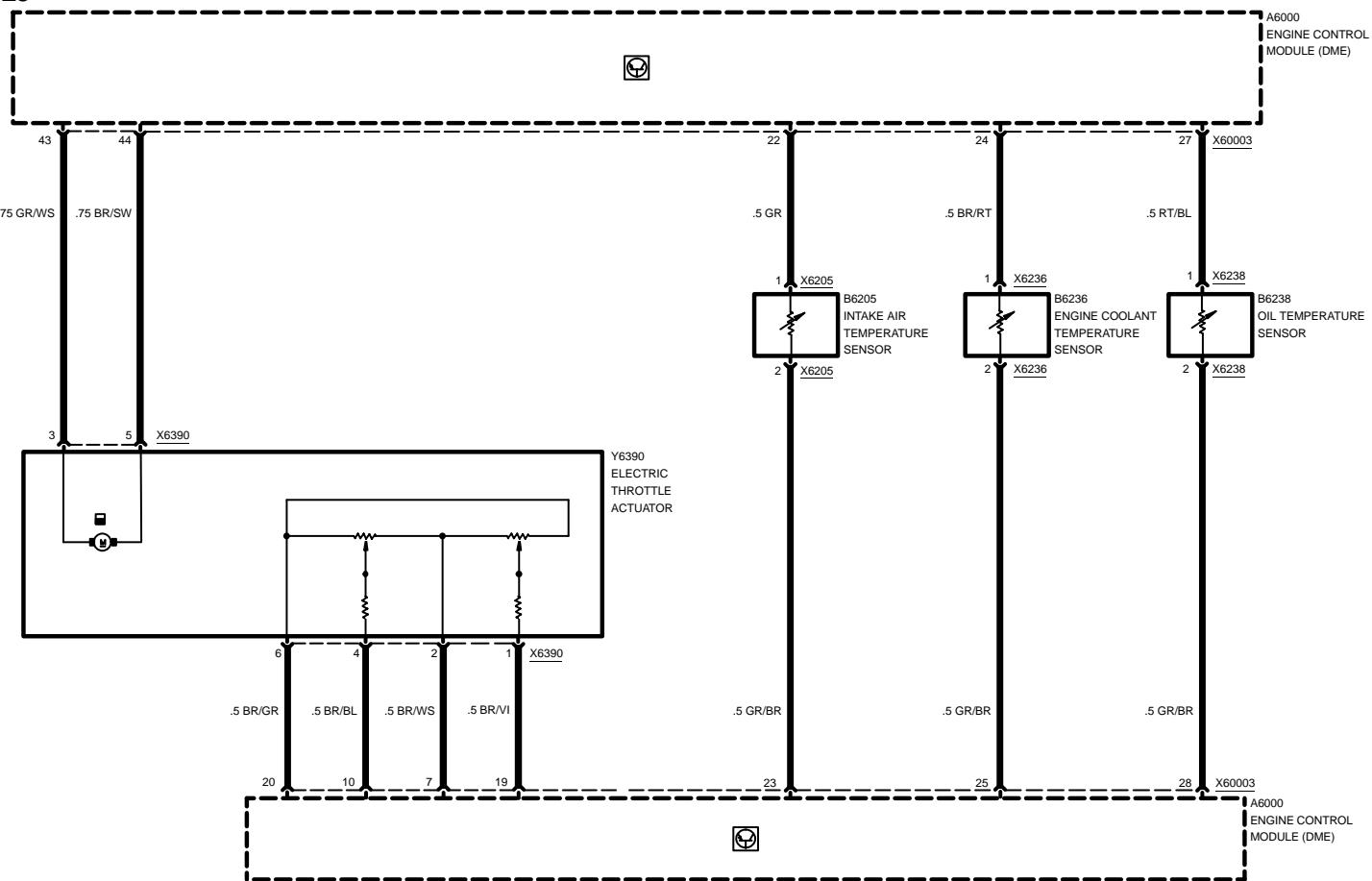
2001



## ENGINE CONTROL SYSTEM MS43 (6-CYLINDER M54)

Z3 VERSIONS

Z3



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1210.26-07

2001

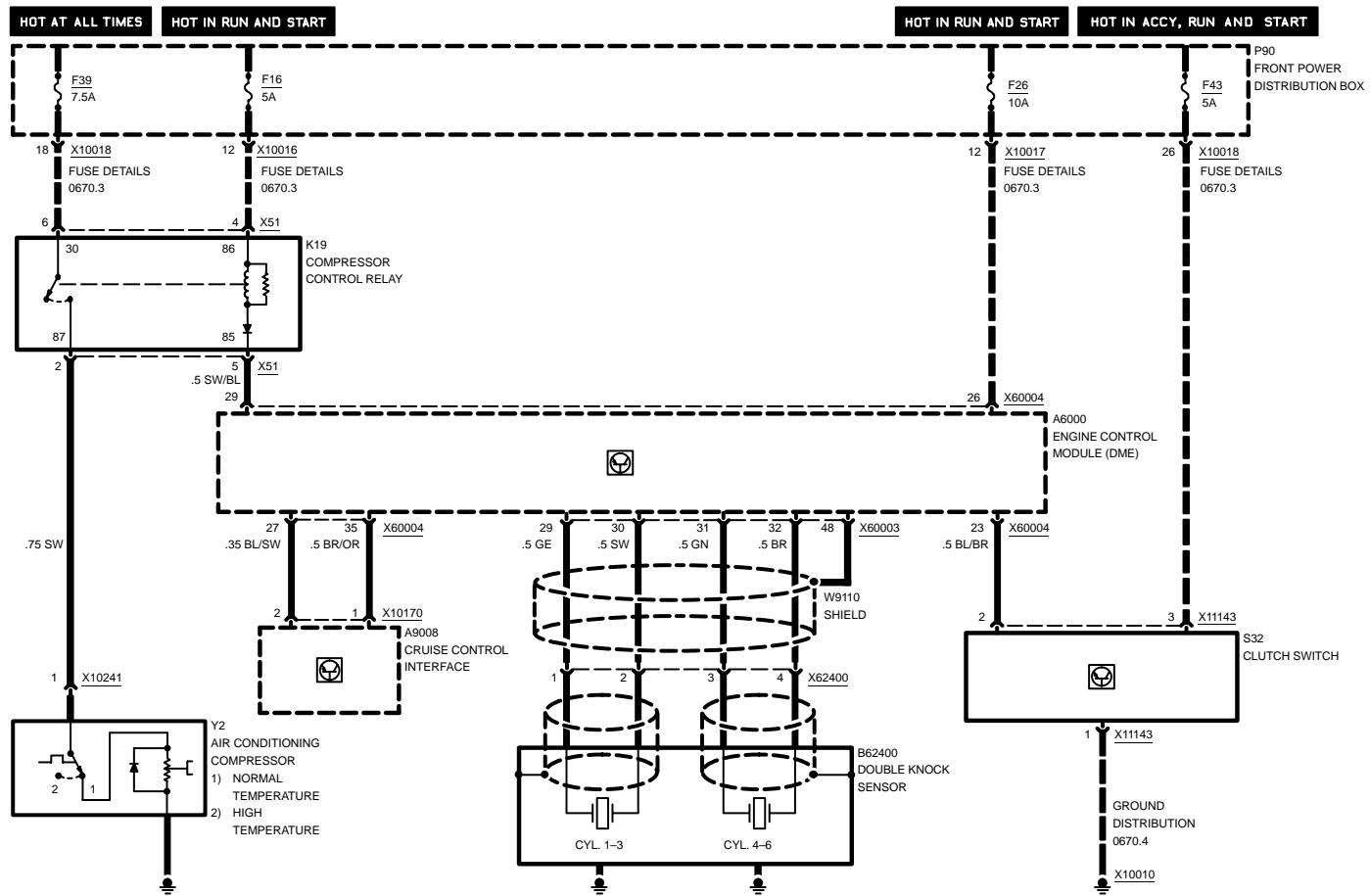
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Z3 VERSIONS

01/01

1210.26-08

2001



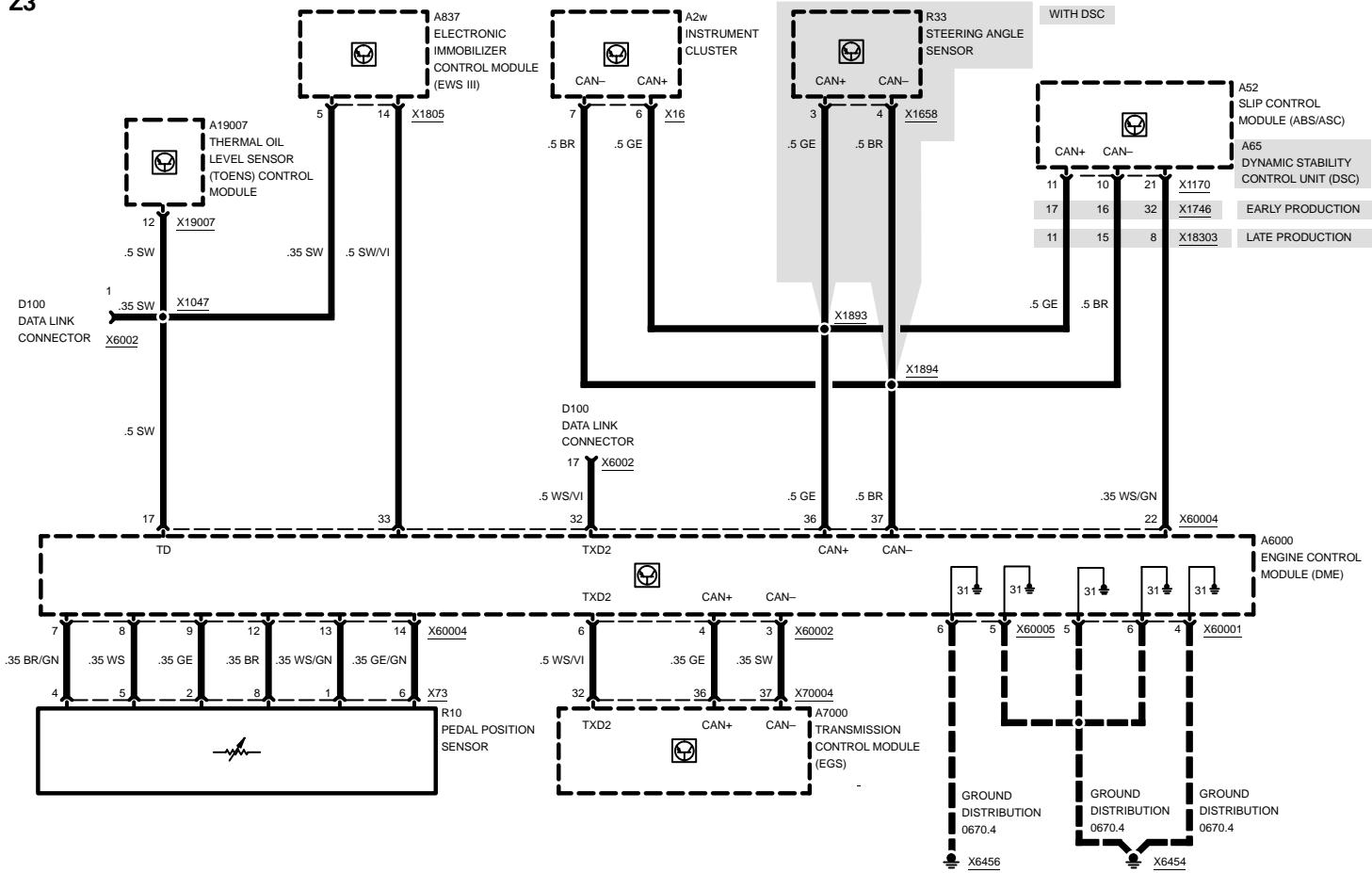
## ENGINE CONTROL SYSTEM MS43 (6-CYLINDER M54)

Z3 VERSIONS

01/01

1210.26-09

2001



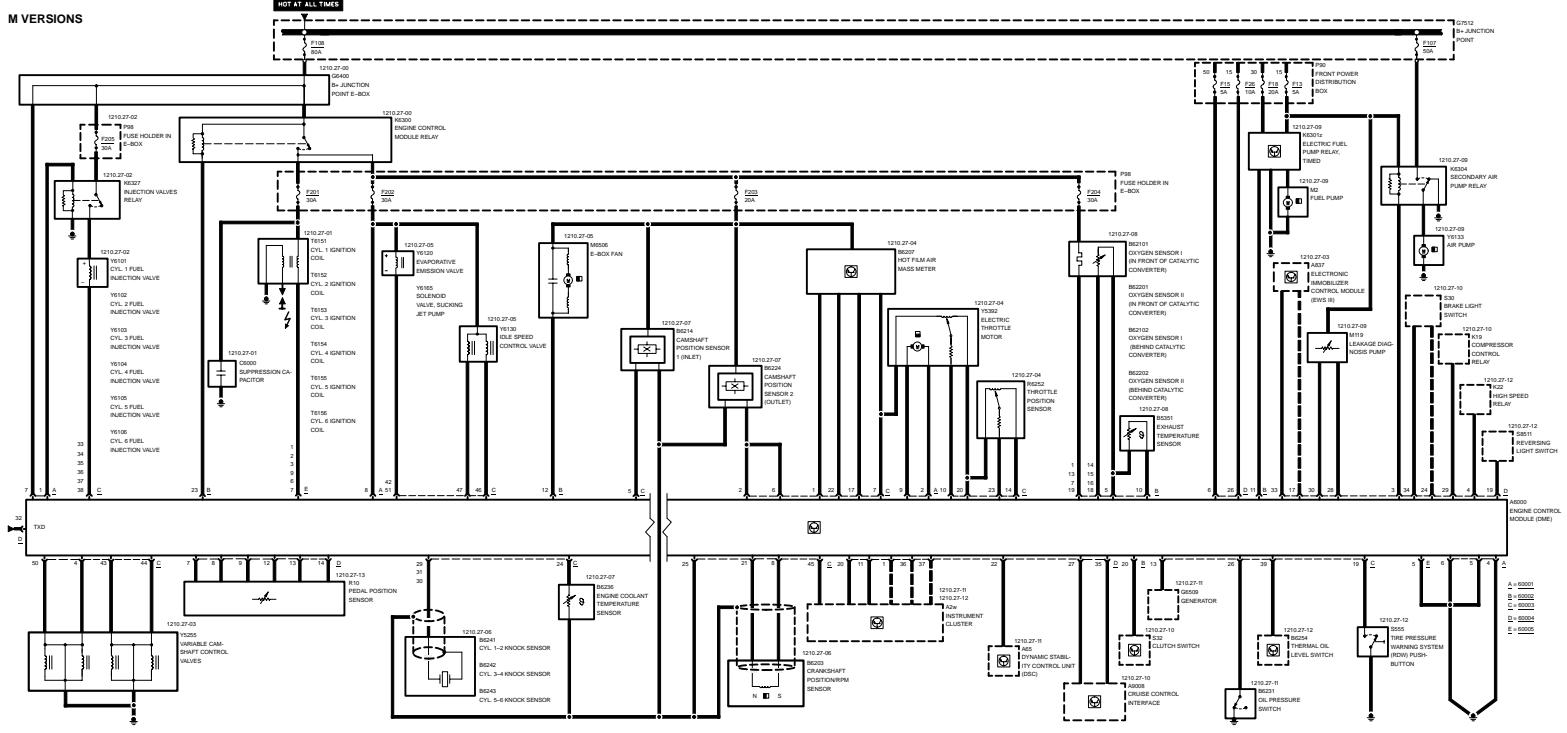
**1210.27 ENGINE CONTROL SYSTEM MSS54 (6-CYLINDER S54 B32)**

01/01

1210.27

2001

**M VERSIONS**



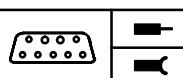


01/01

1210.27-a

2001

Z3



## Pin Assignments (M Versions)

F = X60001	9 Pins, black
G = X60002	24 Pins, black
H = X60003	52 Pins, black
I = X60004	40 Pins, black
J = X60005	9 Pins, black

### X60001

Pin	Type	Signal	Description/Function	Connection
1	A	15	Activate relay	Relay, injection valves
2	A	P_DKSM+	Voltage supply	Electric throttle motor
3			Not used	
4	M	31E	Ground	Ground point
5	M	31L	Ground	Ground point
6	M	31L	Ground	Ground point
7	E	30	Voltage supply	B+ junction point E-box
8	E	U_HR<2	Voltage supply	Fuse holder in E-box, fuse F202
9	M	P_DKSM-	Ground	Electric throttle motor

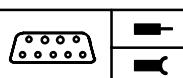
### X60002

Pin	Type	Signal	Description/Function	Connection
1	M	T_LHV1	Oxygen sensor heating ground	Oxygen sensor 1 (in front of catalytic converter)
2			Not used	
3			Not used	
4			Not used	
5	M	M_CAN	Ground	Oxygen sensors, exhaust temperature sensor
6			Not used	
7	M	T_LHH1	Oxygen sensor heating ground	Oxygen sensor 1 (behind catalytic converter)
8			Not used	

E = Input, A = Output, M = Ground



Z3



## Pin Assignments (M Versions)

Pin	Type	Signal	Description/Function	Connection
9			Not used	
10	E	A_TABGAS	Temperature signal	Exhaust temperature sensor
11	A	A_PEKP	Activate relay	Electrical fuel pump relay, timed
12	A	S_EBOX	Signal E-box fan	E-box fan
13	M	T_LHV2	Oxygen sensor heating ground	Oxygen sensor 2 (in front of catalytic converter)
14	E	A_LSV1	Sensor signal	Oxygen sensor 1 (in front of catalytic converter)
15	E	A_LSV2	Sensor signal	Oxygen sensor 2 (in front of catalytic converter)
16	E	A_LSH1	Sensor signal	Oxygen sensor 1 (behind catalytic converter)
17			Not used	
18	E	A_LSH2	Sensor signal	Oxygen sensor 2 (behind catalytic converter)
19	M	T_LHH2	Oxygen sensor heating ground	Oxygen sensor 2 (behind catalytic converter)
20	E	S_KUPPLU	Clutch pedal depressed	Clutch switch
21			Not used	
22			Not used	
23	A	S_HR	Activate relay	Engine control module relay
24			Not used	

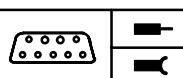
## X60003

Pin	Type	Signal	Description/Function	Connection
1	E	A_HFM	Signal air mass meter	Hot film air mass meter
2	E	P_NWGA1	Signal camshaft position	Camshaft position sensor 2 (outlet)
3			Not used	
4	A	TNWE_F1	Activate valve	Variable camshaft control valve (inlet) – advance
5	E	P_NWGE1	Signal camshaft position	Camshaft position sensor 1 (inlet)
6	E	P_NWGA1	Signal camshaft position	Camshaft position sensor 2 (outlet)

E = Input, A = Output, M = Ground



Z3



## Pin Assignments (M Versions)

Pin	Type	Signal	Description/Function	Connection
7	A	U_DKG1	Voltage supply	Electric throttle motor, hot film air mass meter
8	E	P_KWG	Signal crankshaft position	Crankshaft position sensor
9			Not used	
10	E	A_EDRP	Throttle position signal	Electric throttle motor
11			Not used	
12			Not used	
13	E	S_61-1	Charge signal	Generator
14	A	U_DKG2	Voltage supply	Throttle position sensor
15			Not used	
16			Not used	
17	M	M_HFM	Ground	Hot film air massmeter
18			Not used	
19	E	S_RDKS	Teach-in process	Pushbutton, tire pressure warning system
20	M	M_DKG1/2	Ground	Throttle position sensor, electric throttle motor
21	M	M_KWG	Ground	Crankshaft position sensor
22	E	A_TANS	Temperature signal intake air	Hotfilm air mass meter
23	E	A_DKG1	Throttle position signal	Throttle position sensor
24	E	A_TMOT	Temperature signal	Engine coolant temperature sensor
25	M	31_ANA	Ground	Various sensors
26	E	A_OLD	Oil pressure signal	Oil pressure switch
27			Not used	
28			Not used	
29	E	A_KS1	Knock sensor signal	Cyl. 1–2 knock sensor
30	E	A_KS3	Knock sensor signal	Cyl. 3–4 knock sensor
31	E	A_KS2	Knock sensor signal	Cyl. 5–6 knock sensor
32			Not used	
33	A	P_EVZ1	Activate valve	Cyl. 1 fuel injection valve
34	A	P_EVZ2	Activate valve	Cyl. 2 fuel injection valve
35	A	P_EVZ3	Activate valve	Cyl. 3 fuel injection valve
36	A	P_EVZ4	Activate valve	Cyl. 4 fuel injection valve

E = Input, A = Output, M = Ground



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Z3



## Pin Assignments (M Versions)

Pin	Type	Signal	Description/Function	Connection
37	A	P_EVZ5	Activate valve	Cyl. 5 fuel injection valve
38	A	P_EVZ6	Activate valve	Cyl. 6 fuel injection valve
39	E	F_OLN	Oil level/temperature signal	Thermal oil level switch
40			Not used	
41			Not used	
42	A	T_TEV	Activate valve	Evaporative emission valve
43	A	T_NWA_S1	Activate valve	Variable camshaft control valve (outlet) – retard
44	A	T_NWA_F1	Activate valve	Variable camshaft control valve (outlet) – advance
45	A	S_DMTL-LED	Tire pressure warning lamp control	Instrument cluster
46	A	T_LLFSS	CLOSE signal	Idle speed control valve
47	A	T_LLFSO	OPEN signal	Idle speed control valve
48			Not used	
49			Not used	
50	A	T_NWE_S1	Activate valve	Variable camshaft control valve (inlet) – retard
51	A	S_SSP	Activate valve	Solenoid valve, sucking jet pump
52			Not used	

## X60004

Pin	Type	Signal	Description/Function	Connection
1	A	61	Battery charge indicator	Instrument cluster
2			Not used	
3	A	S_SLP	Activate relay	Secondary air pump relay
4	E	ELUE	Signal, auxiliary fan ON	High speed relay
5			Not used	
6	E	S_50	Signal start	Fuse 15
7	M	M_FW1	Ground	Pedal position sensor
8	E	A_FW1	Signal, pedal position 1	Pedal position sensor
9	A	U_FW1	Voltage supply	Pedal position sensor
10			Not used	

E = Input, A = Output, M = Ground



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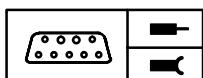
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## Pin Assignments (M Versions)

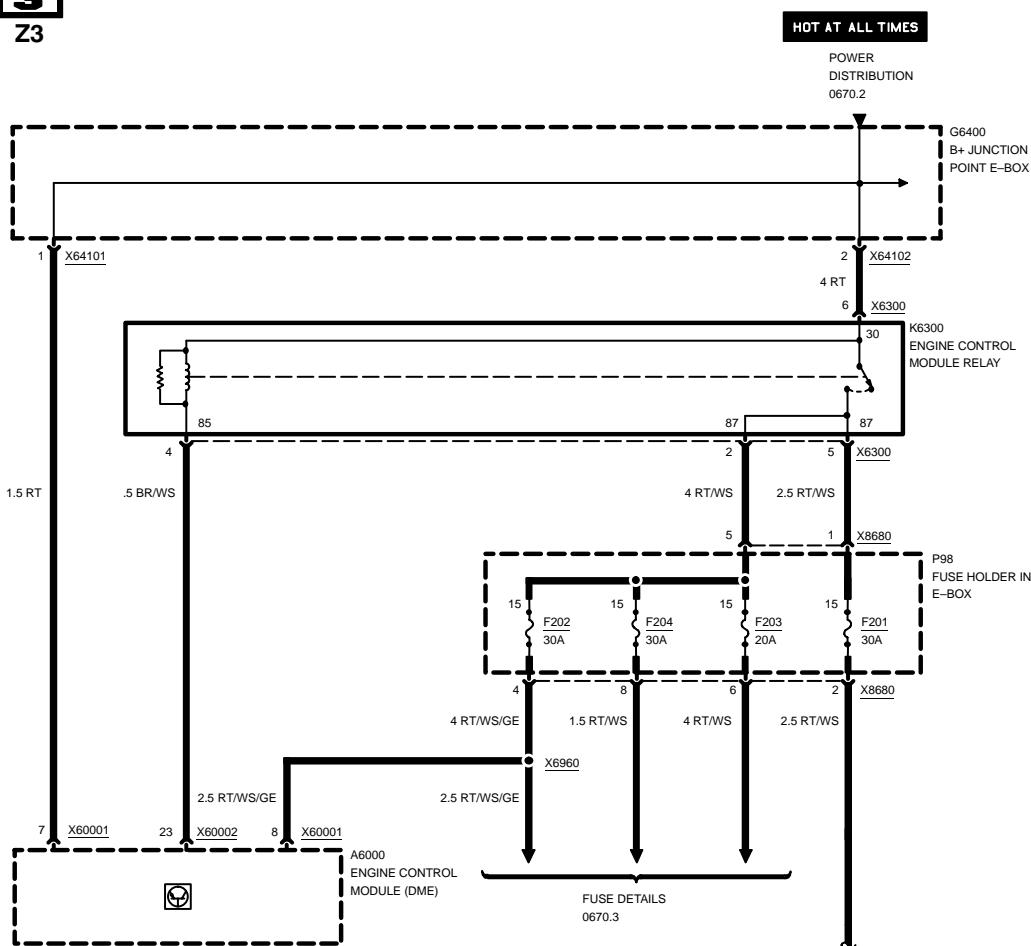
Pin	Type	Signal	Description/Function	Connection
11	A	OELD	Signal, oil pressure	Instrument cluster
12	M	M_FW2	Ground	Pedal position sensor
13	E	A_FW2	Signal, pedal position 2	Pedal position sensor
14	A	U_FW2	Voltage supply	Pedal position sensor
15			Not used	
16			Not used	
17	A	TD	Crankshaft RPM speed signal (TD)	Electronic immobilizer control module (EWS III)
18			Not used	
19	E	RFL	Reversing light signal	Reversing light switch
20	A	TOG	Signal oil level	Thermal oil level switch
21			Not used	
22	E	DFAHR	Speed signal right rear	Dynamic stability control unit
23			Not used	
24	E	KL 54 ON	Brake signal	Brake light switch
25			Not used	
26	E	15A26	Terminal 15	Fuse 26
27	E	MFL	Cruise control signal	Cruise control interface
28	E	A_S_LDPV	Leakage diagnosis	Leakage diagnosis pump
29	A	KOREL	Activate relay	Compressor control relay
30	E	A_T_LDP	Leakage diagnosis	Leakage diagnosis pump
31			Not used	
32	E/A	TXDII	TXD diagnosis data link	Data link connector
33	E	S_DWA	Drive-away protection signal (code)	Electronic immobilizer control module (EWS III)
34	E	S_BLTS	Signal test	Brake light switch
35	M	31	Ground	Cruise control interface
36	E/A	CAN+	CAN-bus High	Splice, CAN-bus High
37	E/A	CAN-	CAN-bus Low	Splice, CAN-bus Low
38			Not used	
39			Not used	
40			Not used	

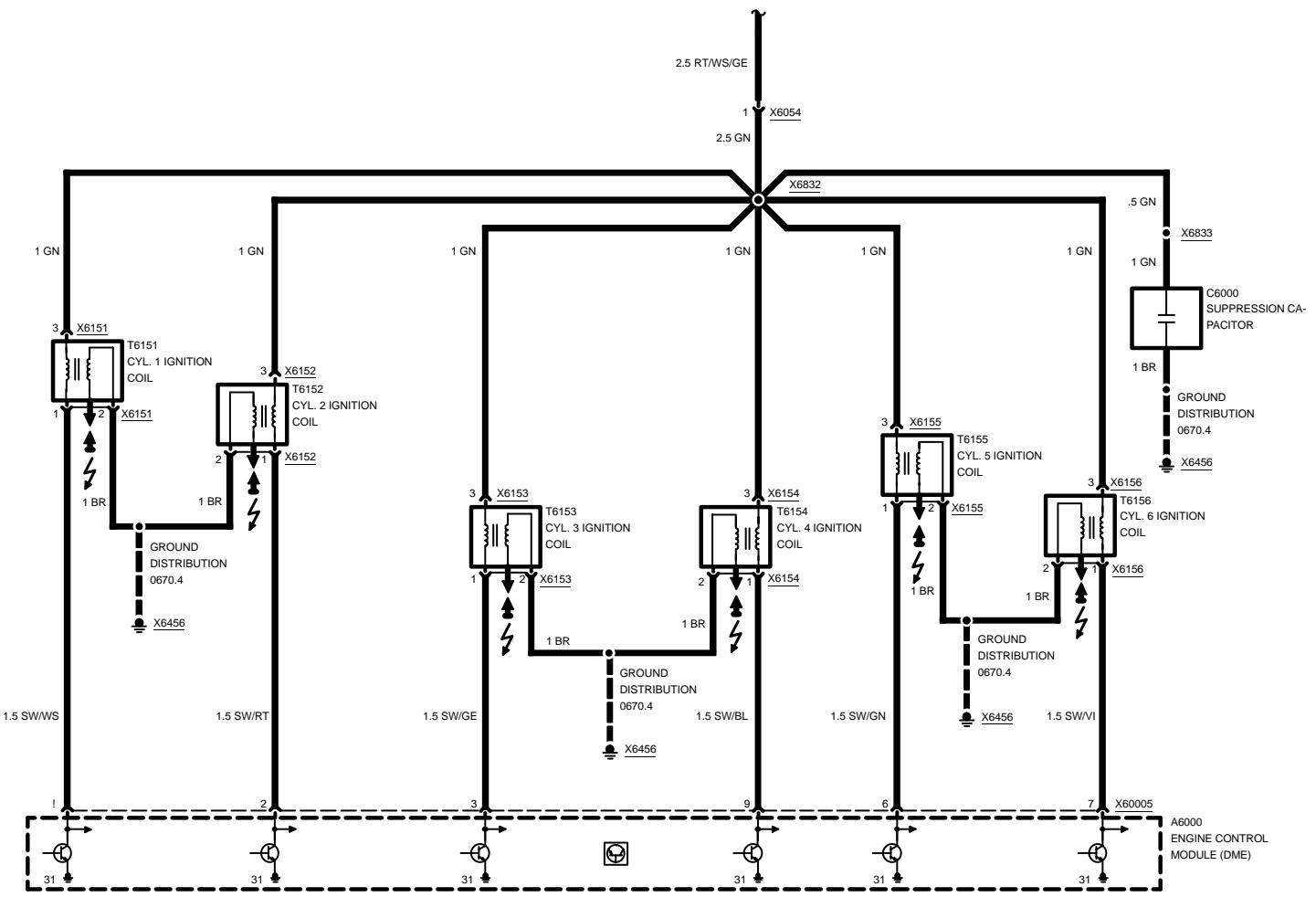
E = Input, A = Output, M = Ground

**Pin Assignments (M Versions)****X60005**

Pin	Type	Signal	Description/Function	Connection
1	A	P_ZSZ1	Ignition coil signal	Cyl. 1 ignition coil
2	A	P_ZSZ2	Ignition coil signal	Cyl. 2 ignition coil
3	A	P_ZSZ3	Ignition coil signal	Cyl. 3 ignition coil
4			Not used	
5	M	31L	Ground	Ground point
6	A	P_ZSZ5	Ignition coil signal	Cyl. 5 ignition coil
7	A	P_ZSZ6	Ignition coil signal	Cyl. 6 ignition coil
8			Not used	
9	A	P_ZSZ4	Ignition coil signal	Cyl. 4 ignition coil

E = Input, A = Output, M = Ground



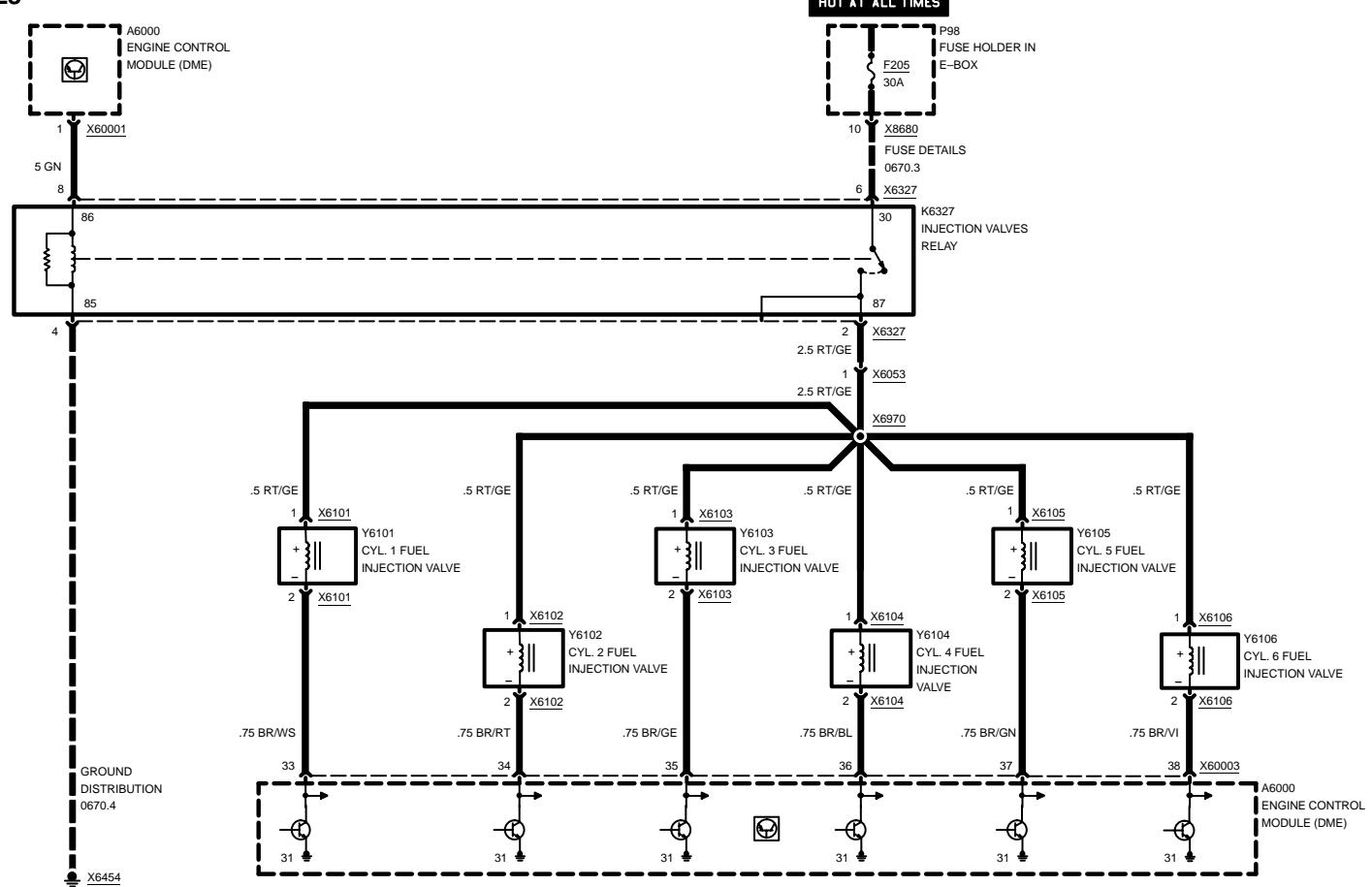


## BMW 3 Z3 ENGINE CONTROL SYSTEM MSS54 (6-CYLINDER S54 B32) M VERSIONS

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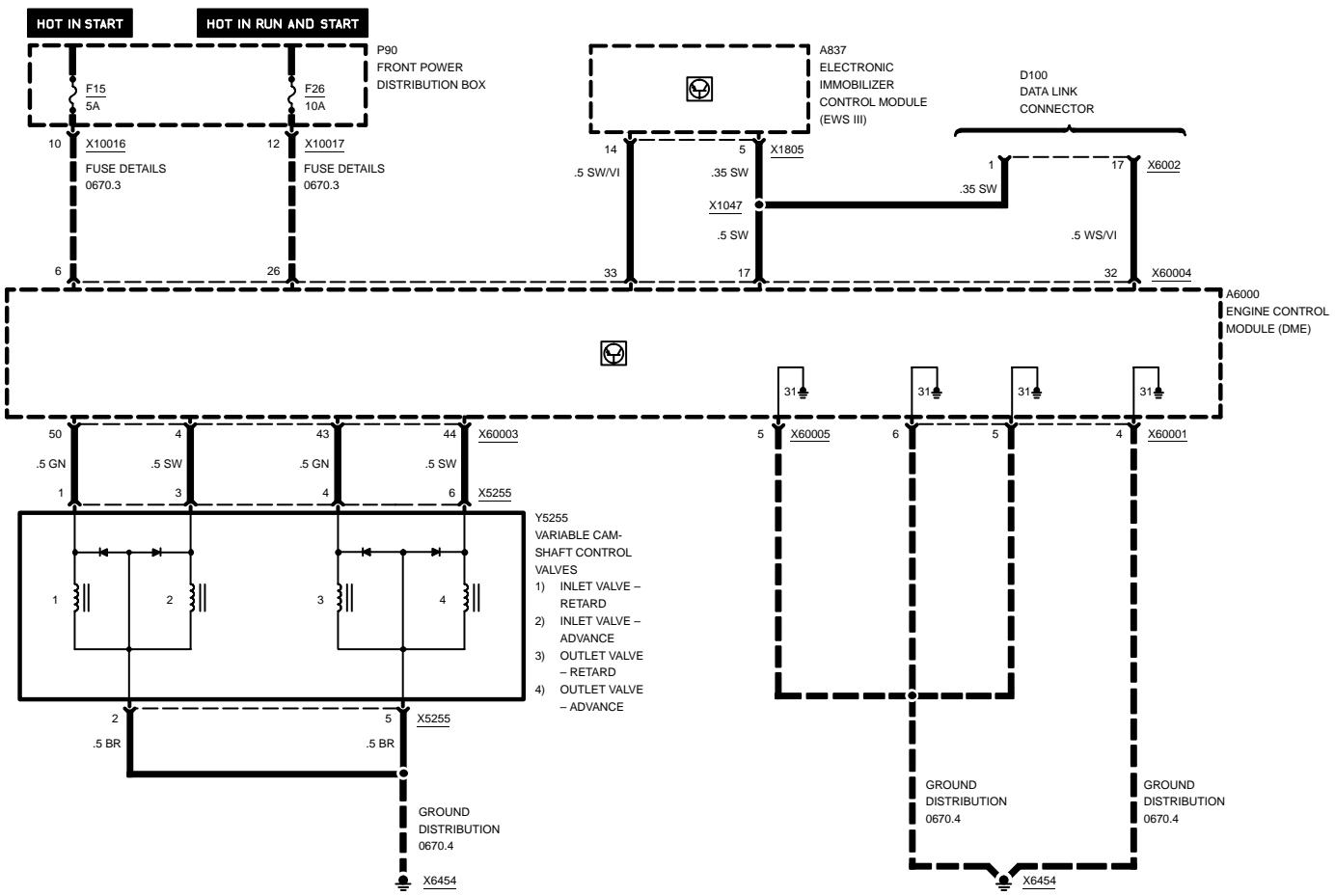
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M VERSIONS

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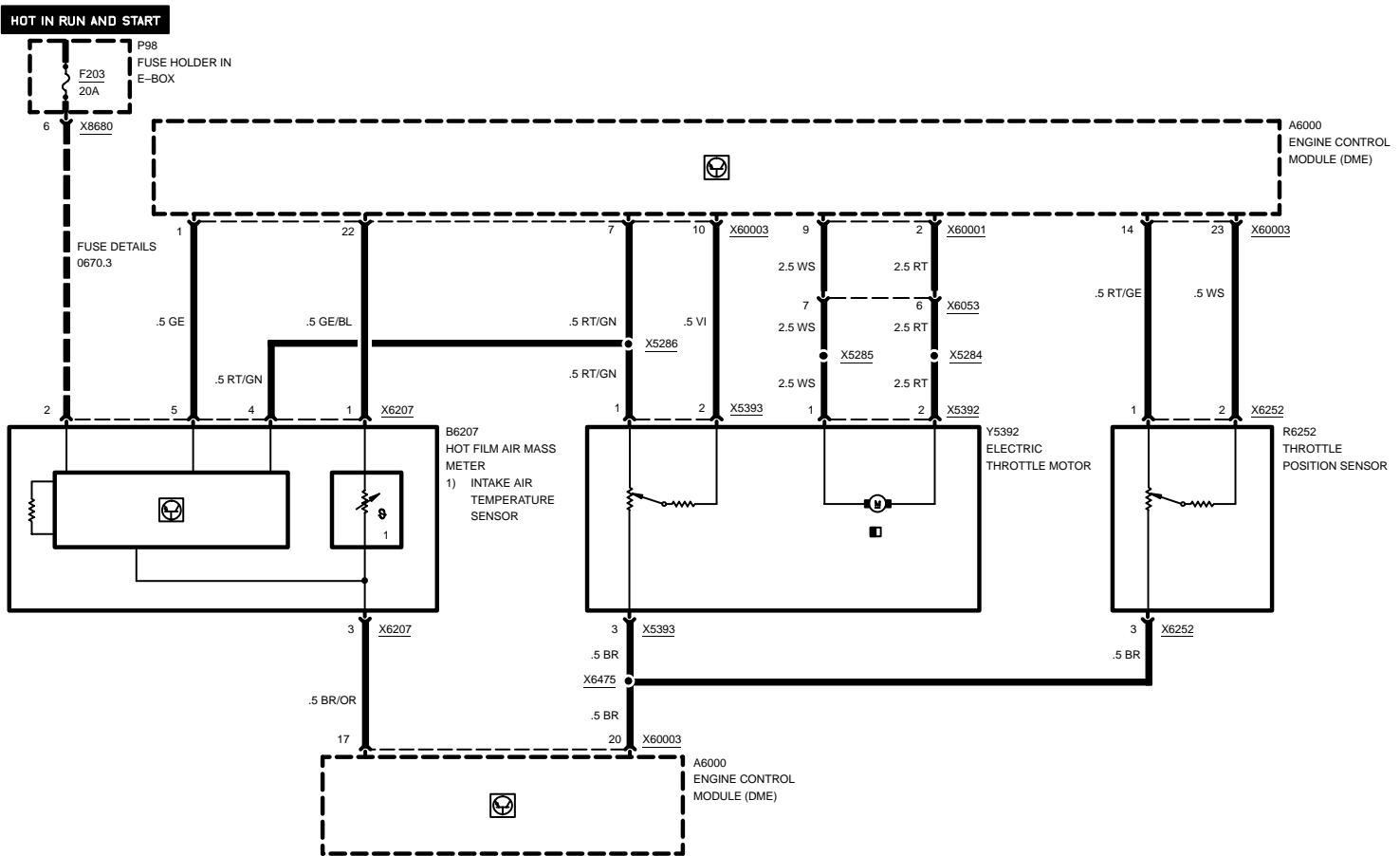


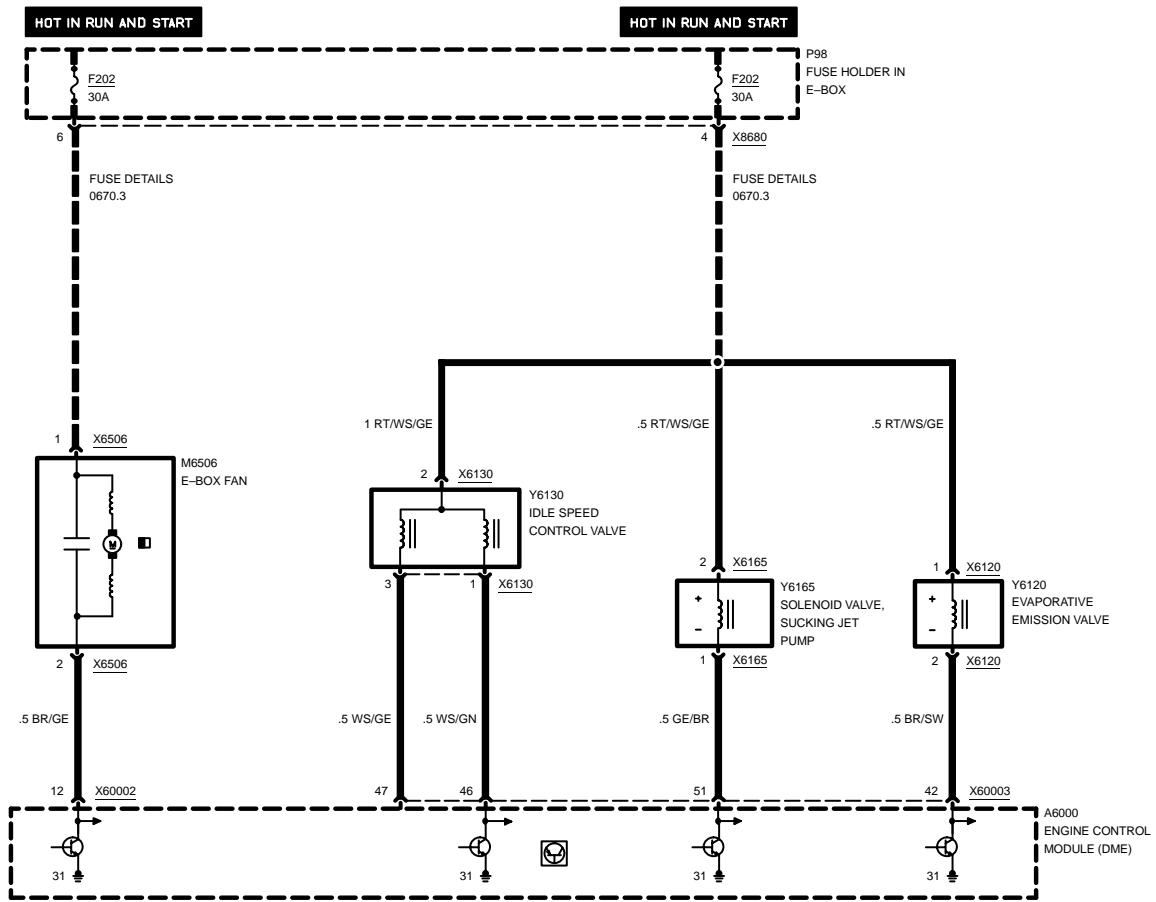
**BMW** **3** **Z3** **ENGINE CONTROL SYSTEM MSS54 (6-CYLINDER S54 B32)** **M VERSIONS**

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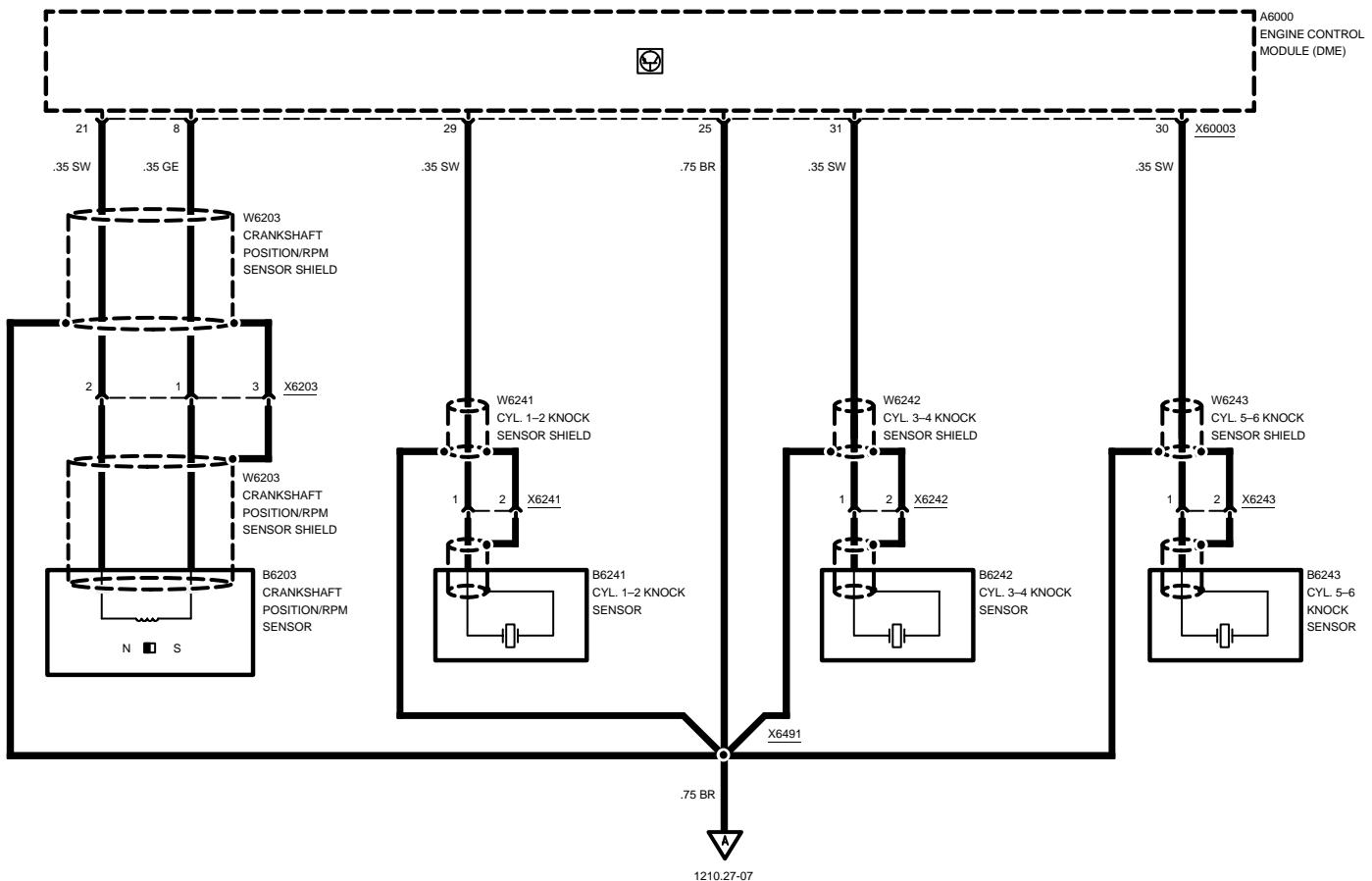
## ENGINE CONTROL SYSTEM MSS54 (6-CYLINDER S54 B32)

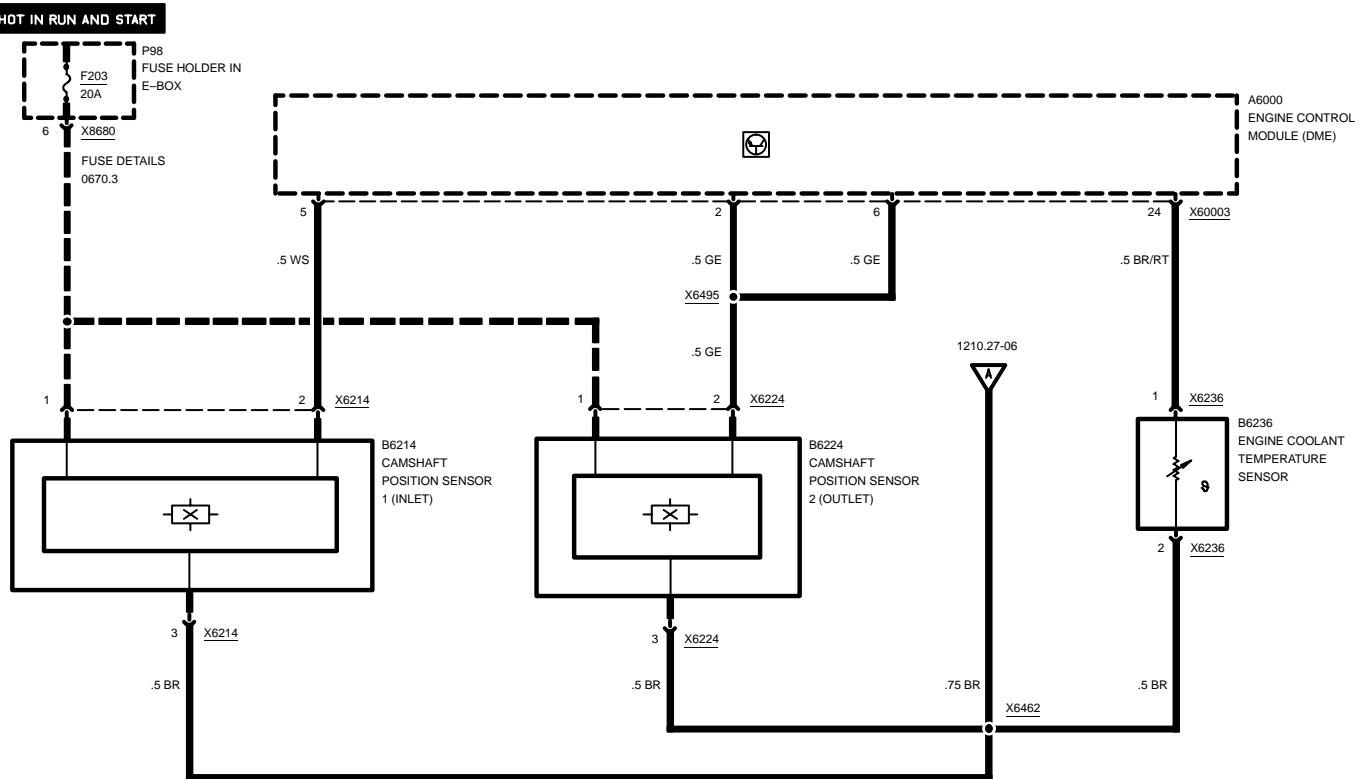
M VERSIONS

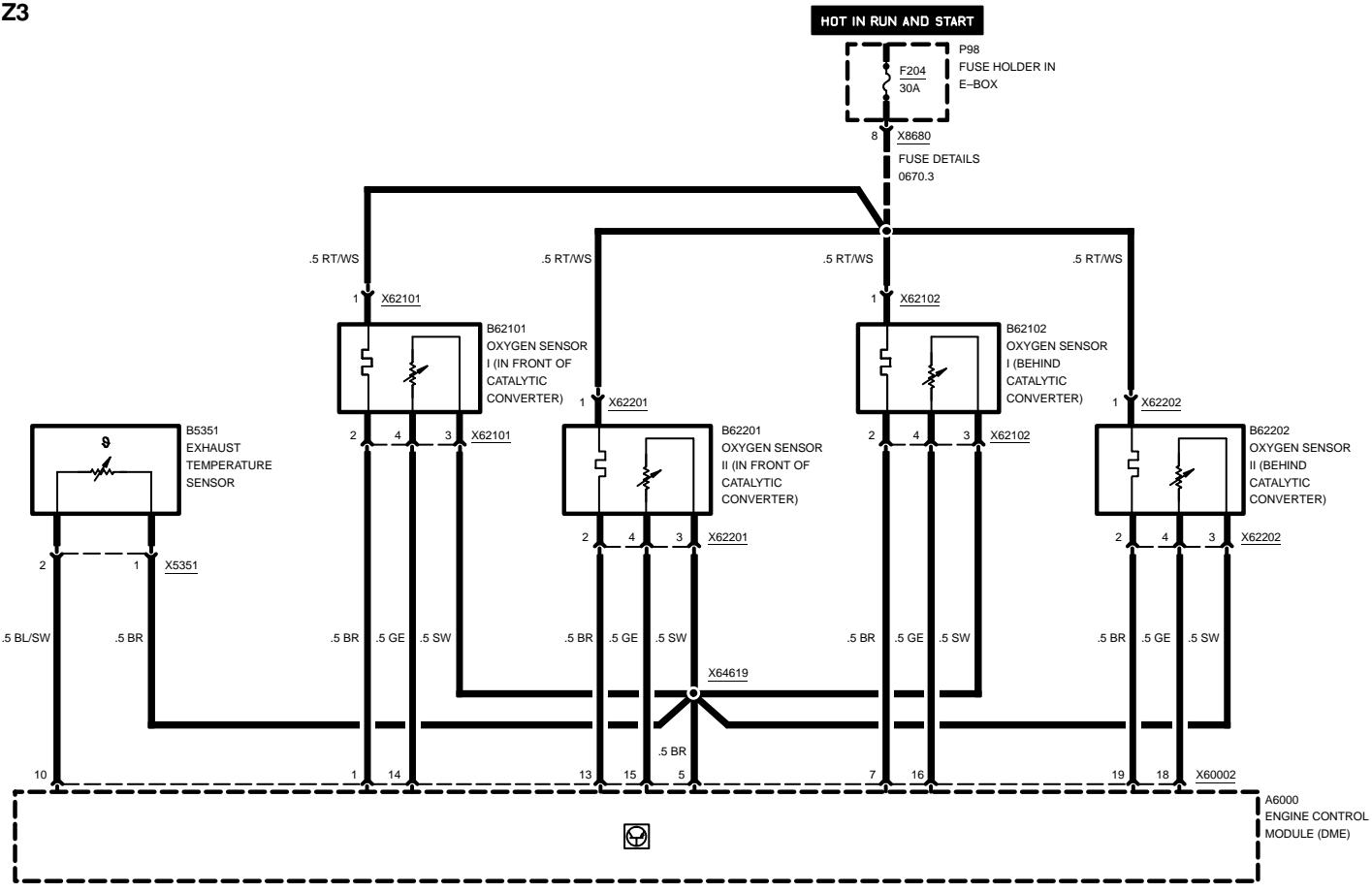
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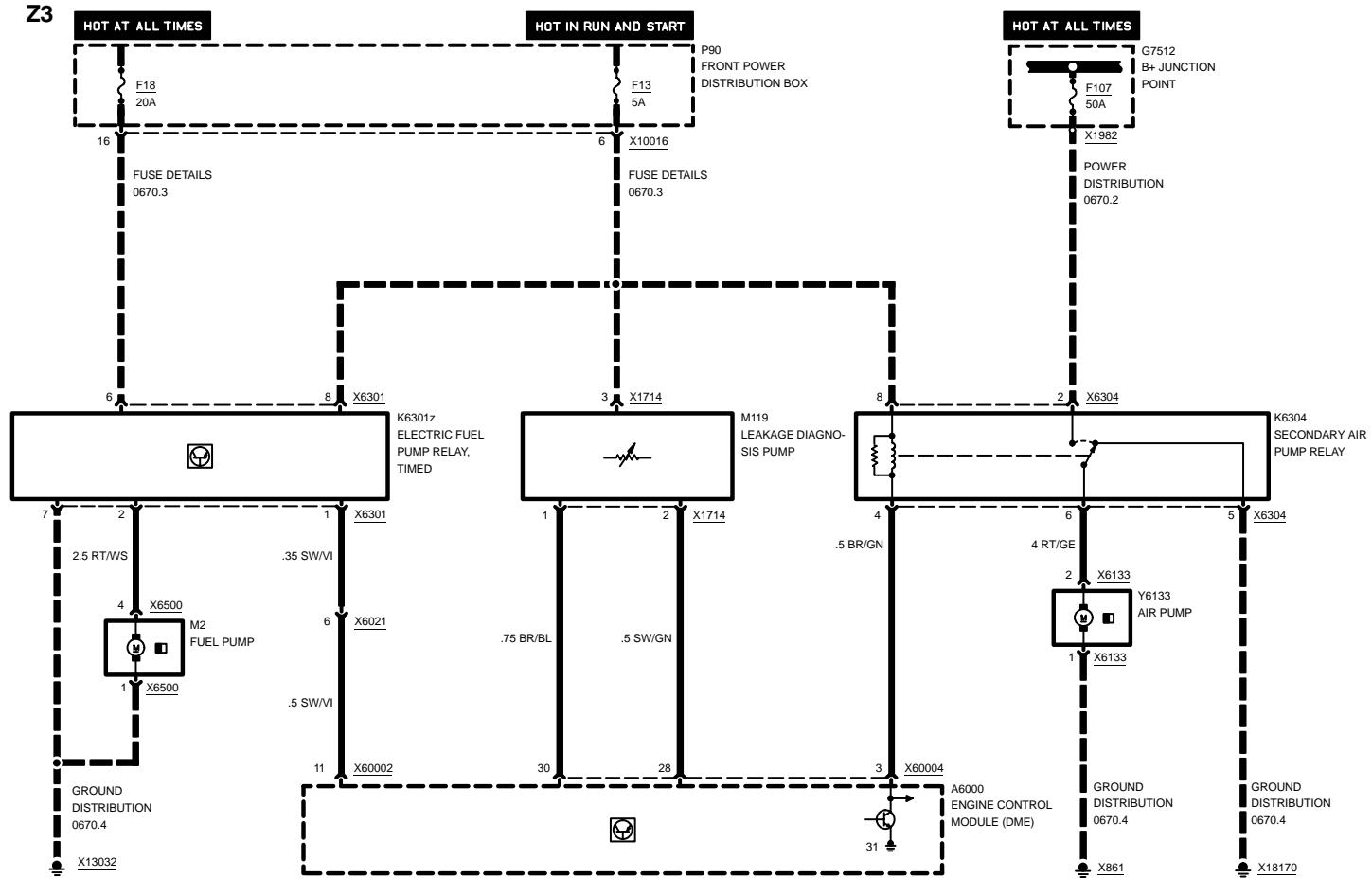
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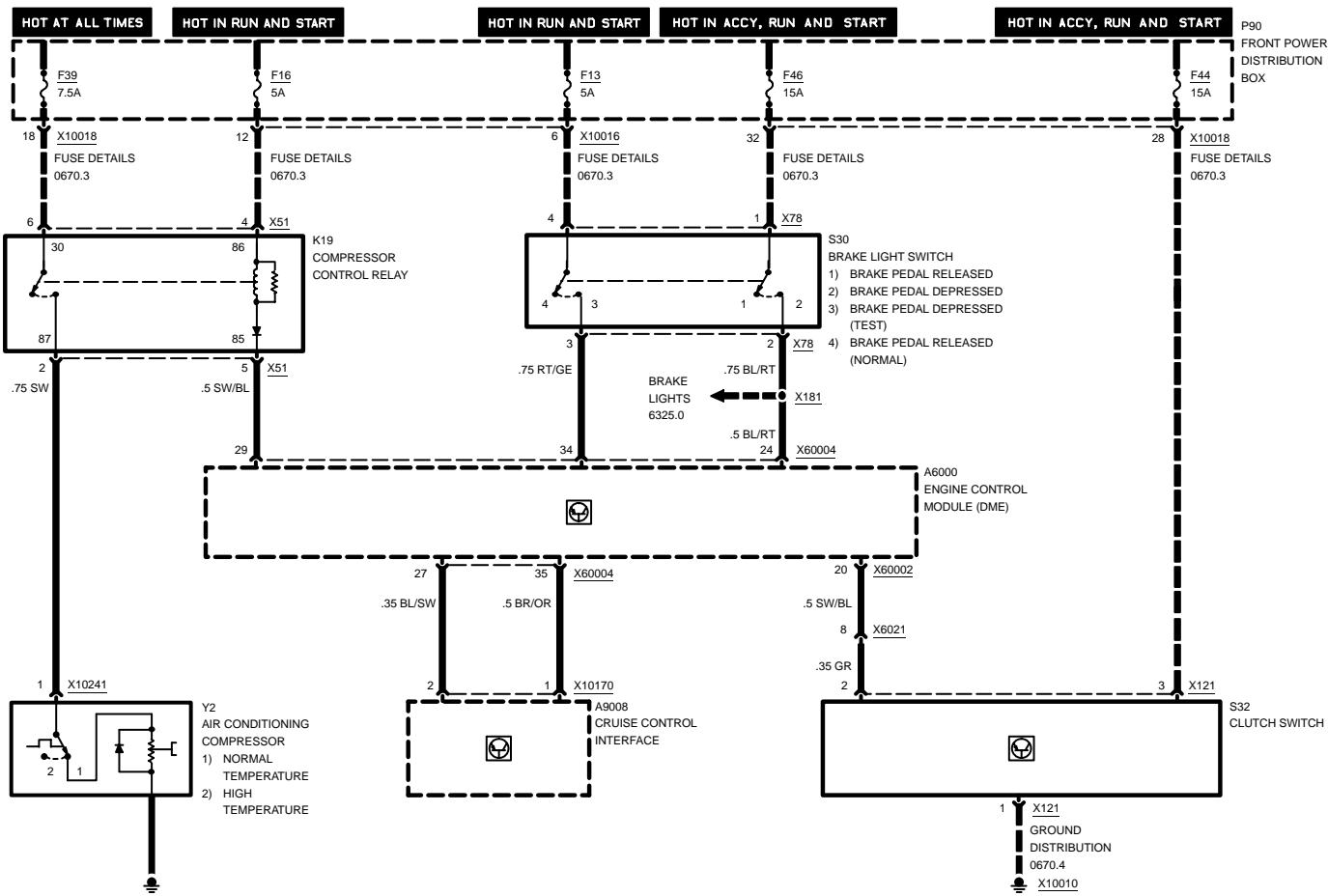




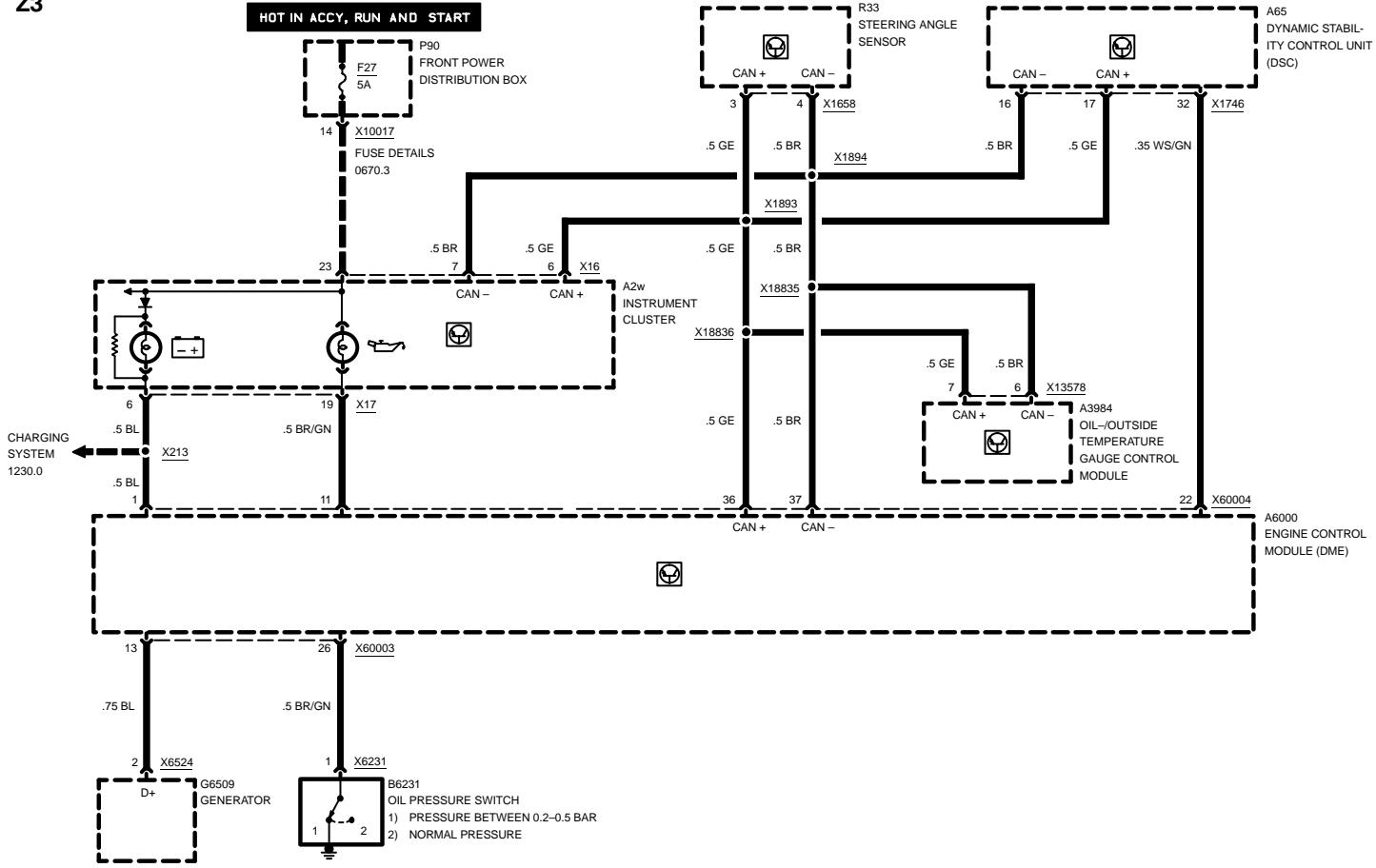


## ENGINE CONTROL SYSTEM MSS54 (6-CYLINDER S54 B32)

M VERSIONS



Z3



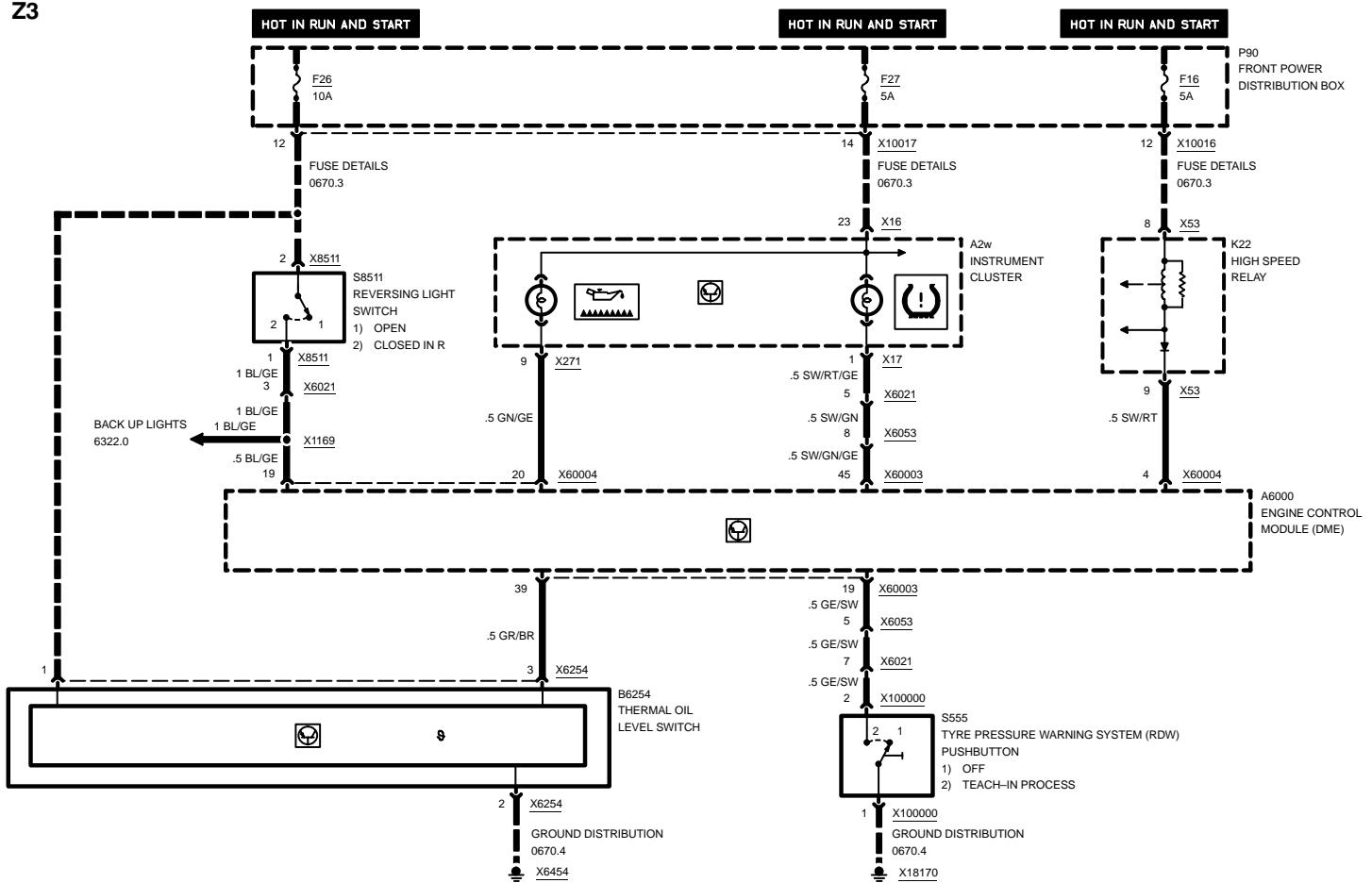
## ENGINE CONTROL SYSTEM MSS54 (6-CYLINDER S54 B32)

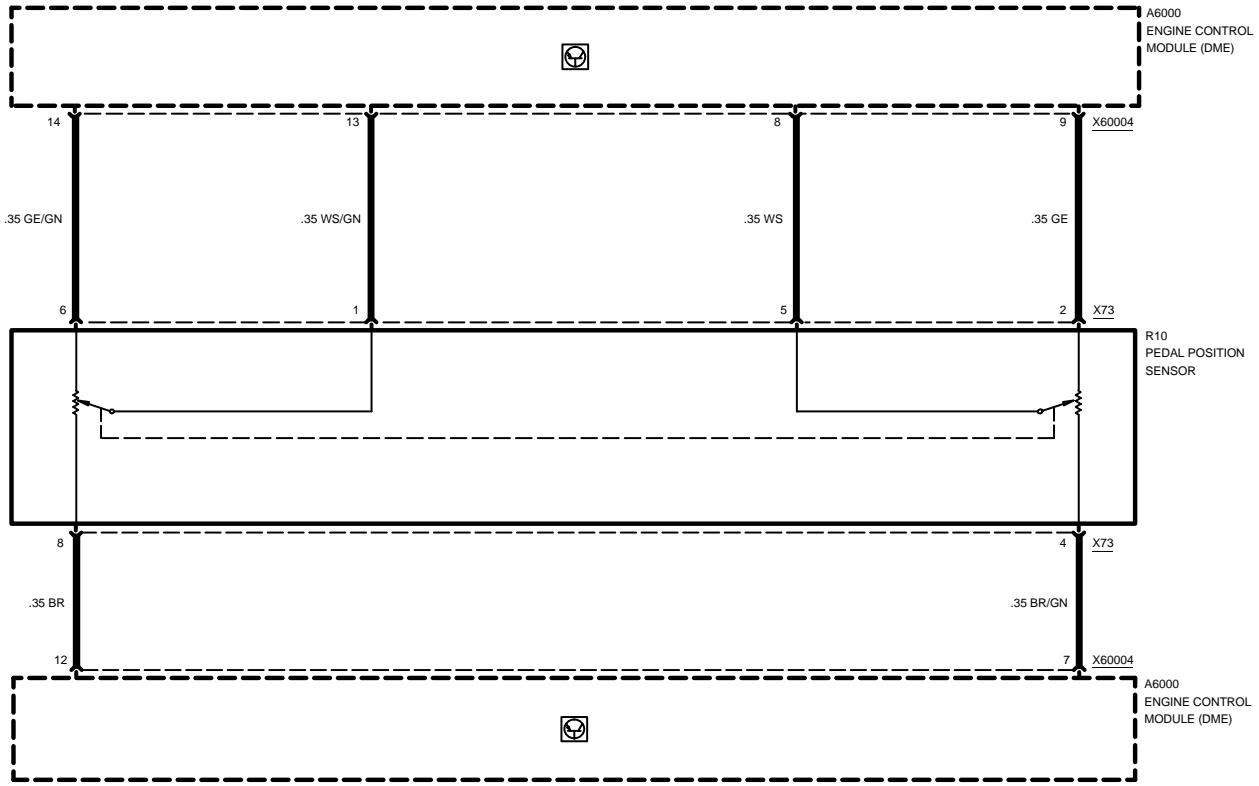
M VERSIONS

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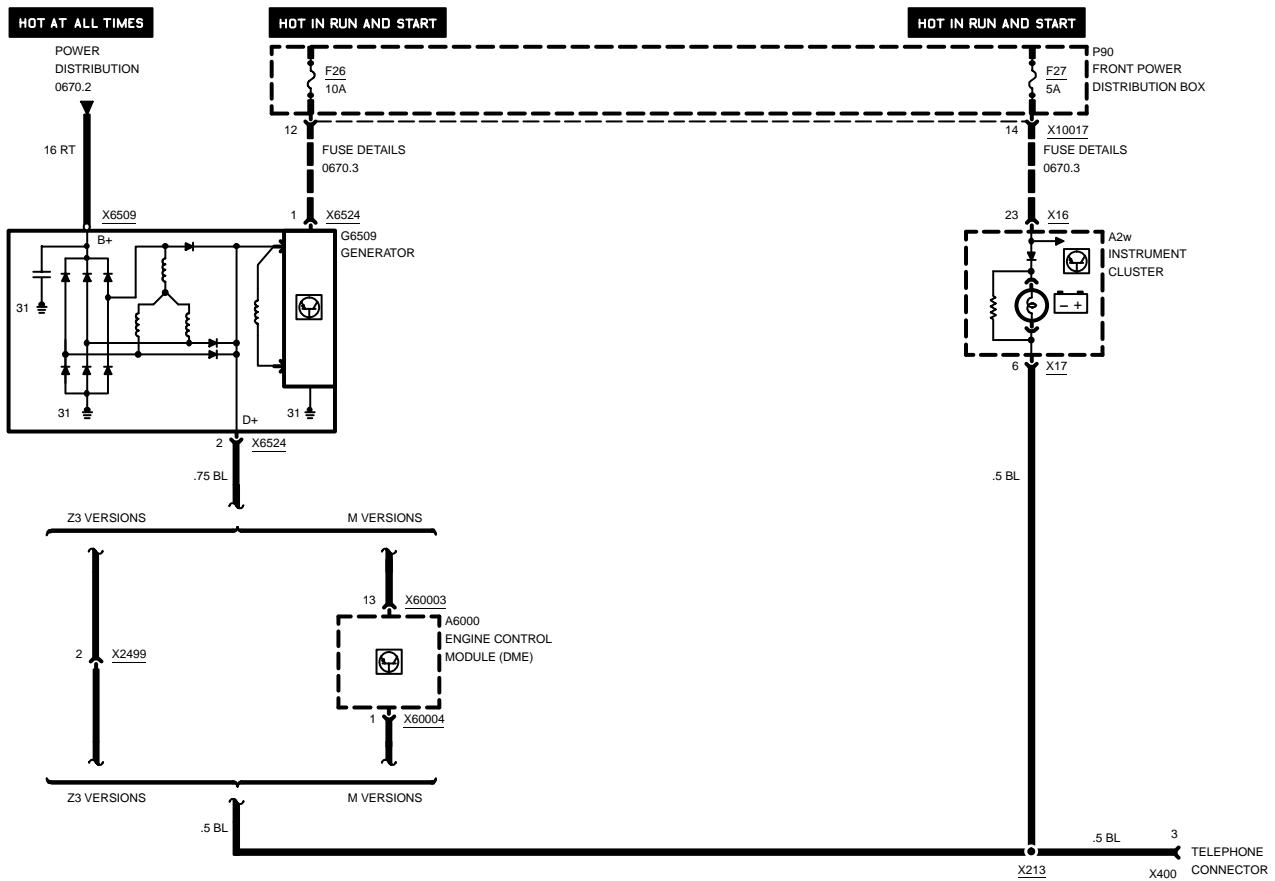
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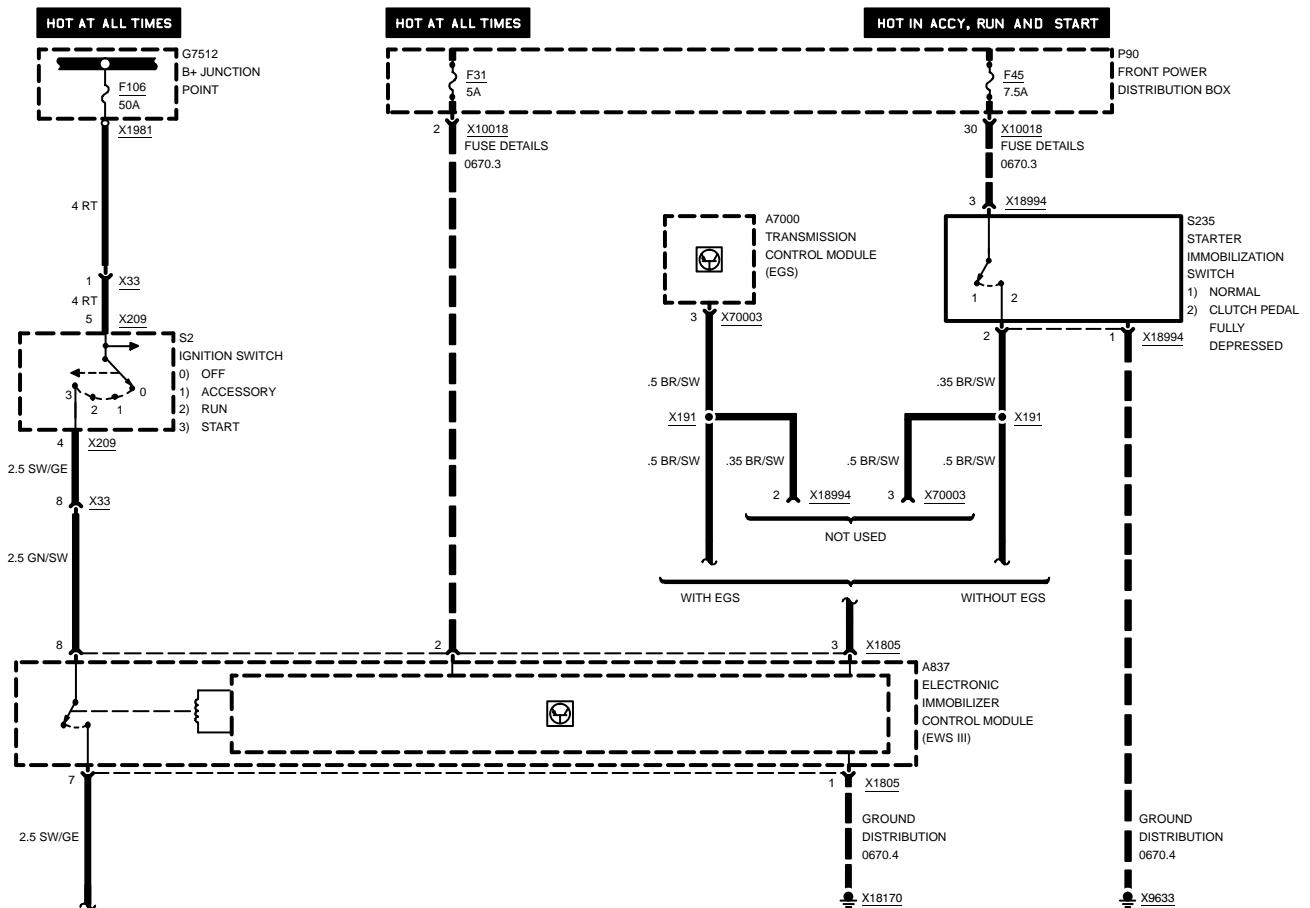


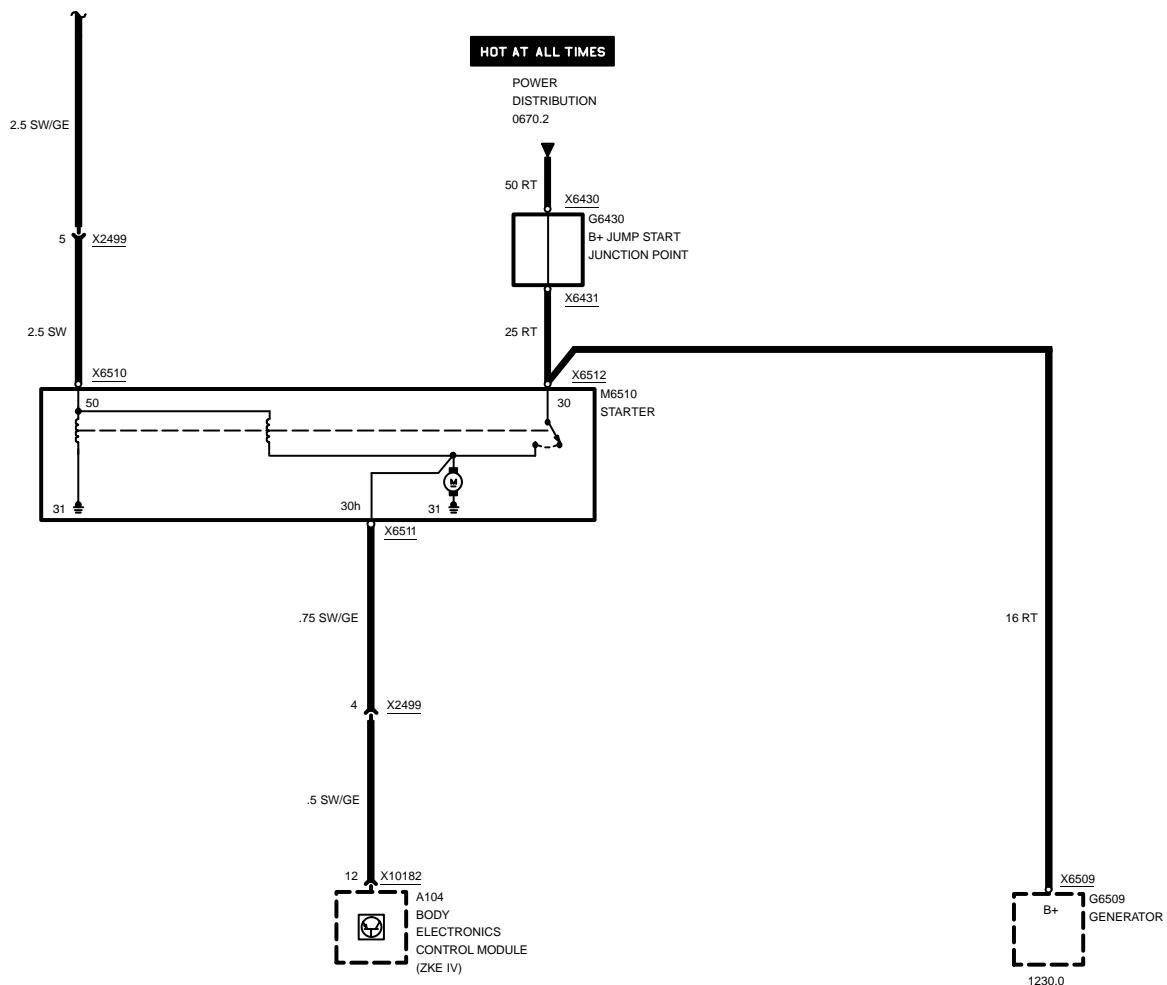
## 1230.0 CHARGING SYSTEM



## 1240.0 START

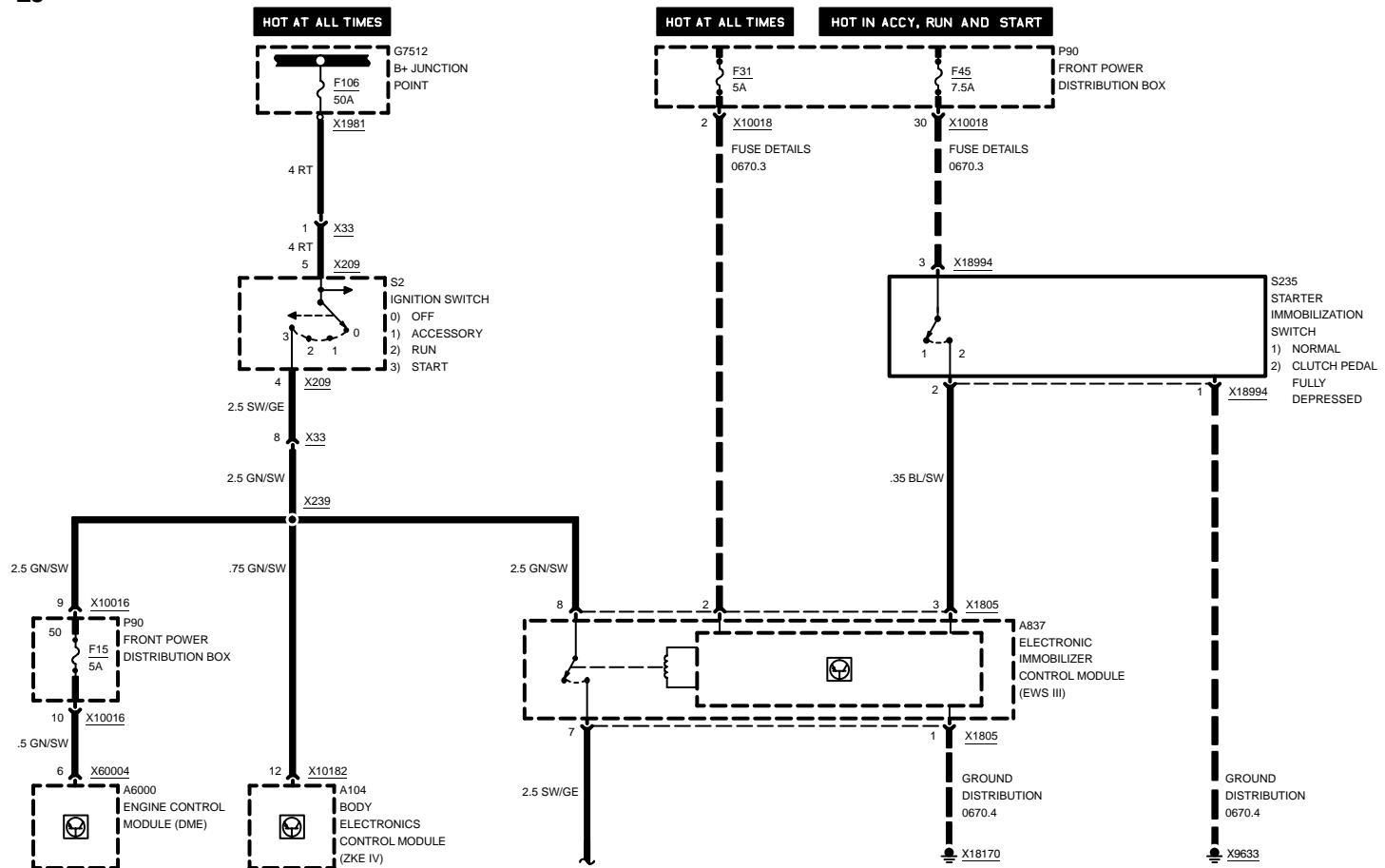
Z3 VERSIONS

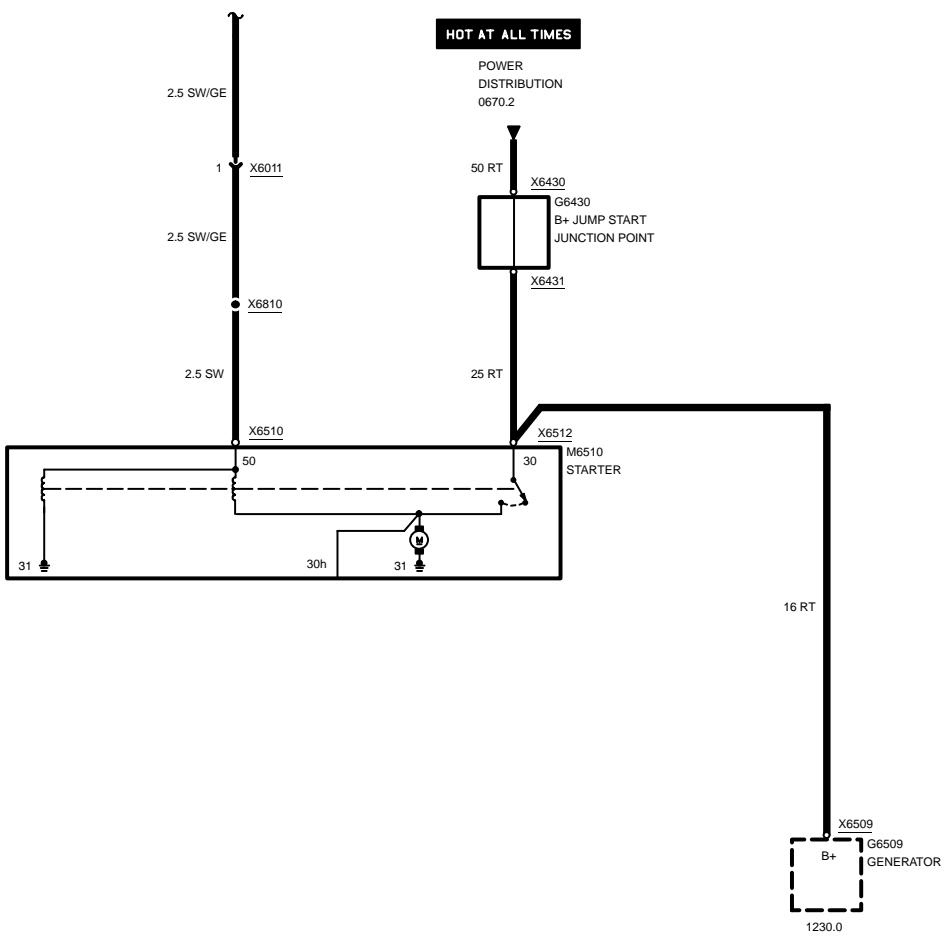




## START

## M VERSIONS







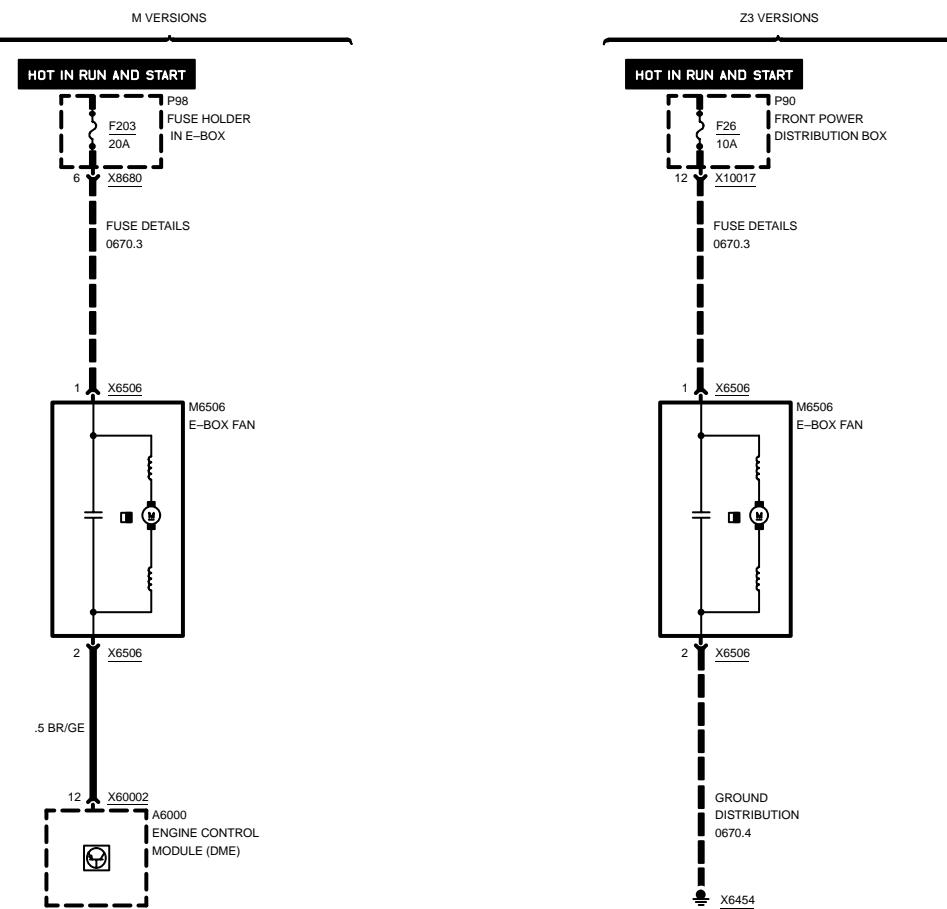
## 1290.0 E-BOX FAN

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1290.00

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Z3

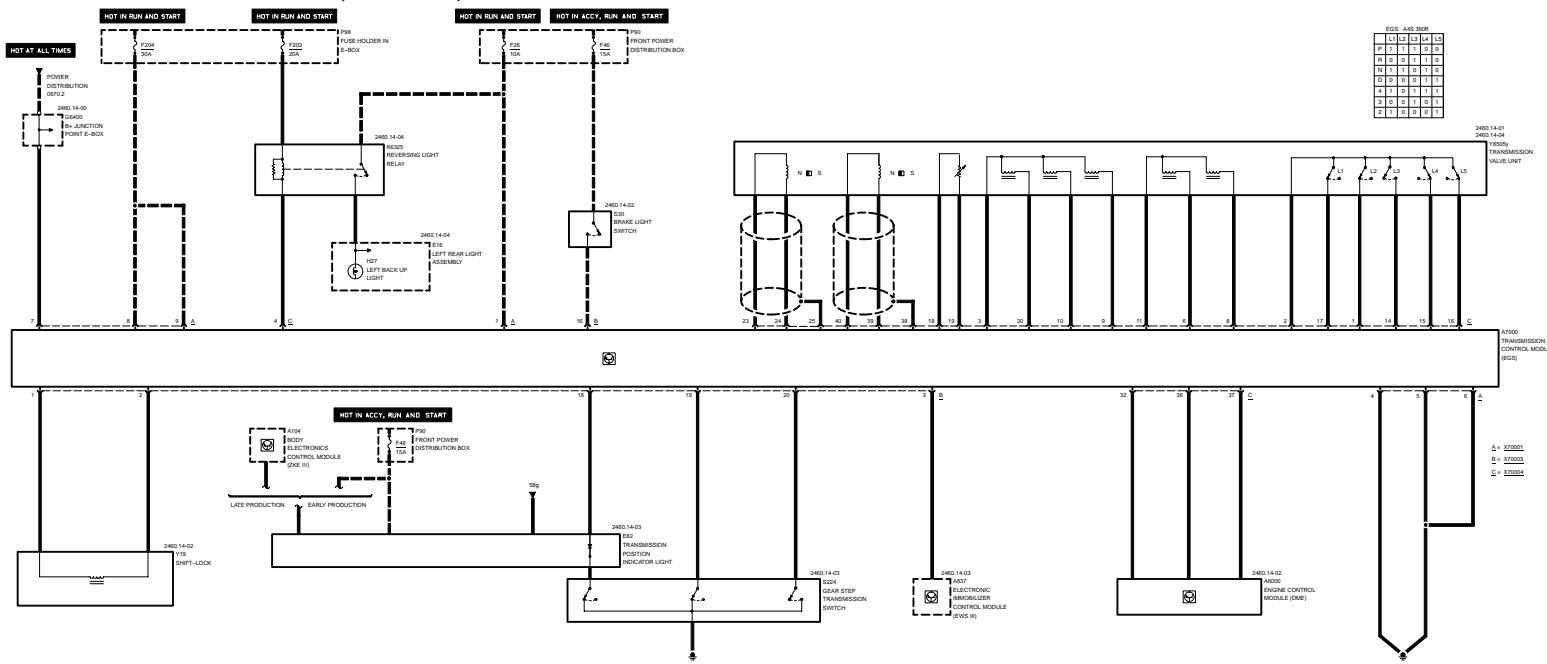


## 2460.14 ELECTRONIC TRANSMISSION CONTROL (EGS: A55 360R)

01/01

2460.14

2001





01/01

2460.14-a

2001

Z3



## Pin Assignments

K = X70001 9 Pins, blue

L = X70003 52 Pins, blue

M = X70004 40 Pins, blue

### X70001

Pin	Type	Signal	Description/Function	Connection
1	E	15<30	Voltage supply	Fuse 26
2			Not used	
3			Not used	
4	M	31E	Ground	Ground point
5	M	31L	Ground	Ground point
6	M	31L	Ground	Ground point
7	E	30	Voltage supply	B+ junction point E-box
8	E	U_HR<4	Voltage supply	Fuse holder in E-box, fuse F204
9	E	U_HR<4	Voltage supply	Fuse holder in E-box, fuse F204

### X70003

Pin	Type	Signal	Description/Function	Connection
1	M	SLM-	Ground	Shift-lock
2	A	SLM+	Shift-lock solenoid control	Shift-lock
3	A	L2	Gear range signal L2	Electronic immobilizer control module (EWS III)
4			Not used	
5			Not used	
6			Not used	
7			Not used	
8			Not used	
9			Not used	
10			Not used	
11			Not used	

E = Input, A = Output, M = Ground

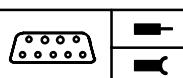


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**2460.14-b**

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Z3

**Pin Assignments**

Pin	Type	Signal	Description/Function	Connection
12			Not used	
13			Not used	
14			Not used	
15			Not used	
16	E	KL 54ON	Brake pedal position	Brake light switch
17			Not used	
18	E	S_TIPMAN	Signal, manual transmission	Transmission position indicator light
19	E	S_TIPUP	Signal, tip up	Gear step transmission switch
20	E	S_TIPDO	Signal, tip down	Gear step transmission switch
21			Not used	
22			Not used	
23			Not used	
24			Not used	
25			Not used	
26			Not used	
27			Not used	
28			Not used	
29			Not used	
30			Not used	
31			Not used	
32			Not used	
33			Not used	
34			Not used	
35			Not used	
36			Not used	
37			Not used	
38			Not used	
39			Not used	
40			Not used	
41			Not used	
42			Not used	
43			Not used	

E = Input, A = Output, M = Ground



01/01

2460.14-c

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Z3



## Pin Assignments

Pin	Type	Signal	Description/Function	Connection
44			Not used	
45			Not used	
46			Not used	
47			Not used	
48			Not used	
49			Not used	
50			Not used	
51			Not used	
52			Not used	

## X70004

Pin	Type	Signal	Description/Function	Connection
1	E	S_GL2	Gear range signal L2	Transmission valve unit
2	A	U_GETRPO	Voltage supply, gear range switch	Transmission valve unit
3	A	U_EDSMV2	Voltage supply, solenoid valves	Transmission valve unit
4	A	S_RFLREL	Activate relais	Relais, back up lights
5			Not used	
6	A	T_EDSWK	Torque converter clutch solenoid valve control	Transmission valve unit
7			Not used	
8	A	T_EDS1	Hydraulic pressure regulator control	Transmission valve unit
9	A	S_MV3	Solenoid valve 3 control	Transmission valve unit
10	A	S_MV2	Solenoid valve 2 control	Transmission valve unit
11	A	V_EDSMV1	Voltage solenoid valves	Transmission valve unit
12			Not used	
13			Not used	
14	E	S_GL3	Gear range signal L3	Transmission valve unit
15	E	S_GL4	Gear range signal L4	Transmission valve unit
16	E	S_GL5	Gear range signal L5	Transmission valve unit
17	E	S_GL1	Gear range signal L1	Transmission valve unit
18	A	A_TOELG	Oil temperature signal +	Transmission valve unit

E = Input, A = Output, M = Ground



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2460.14-d

2001

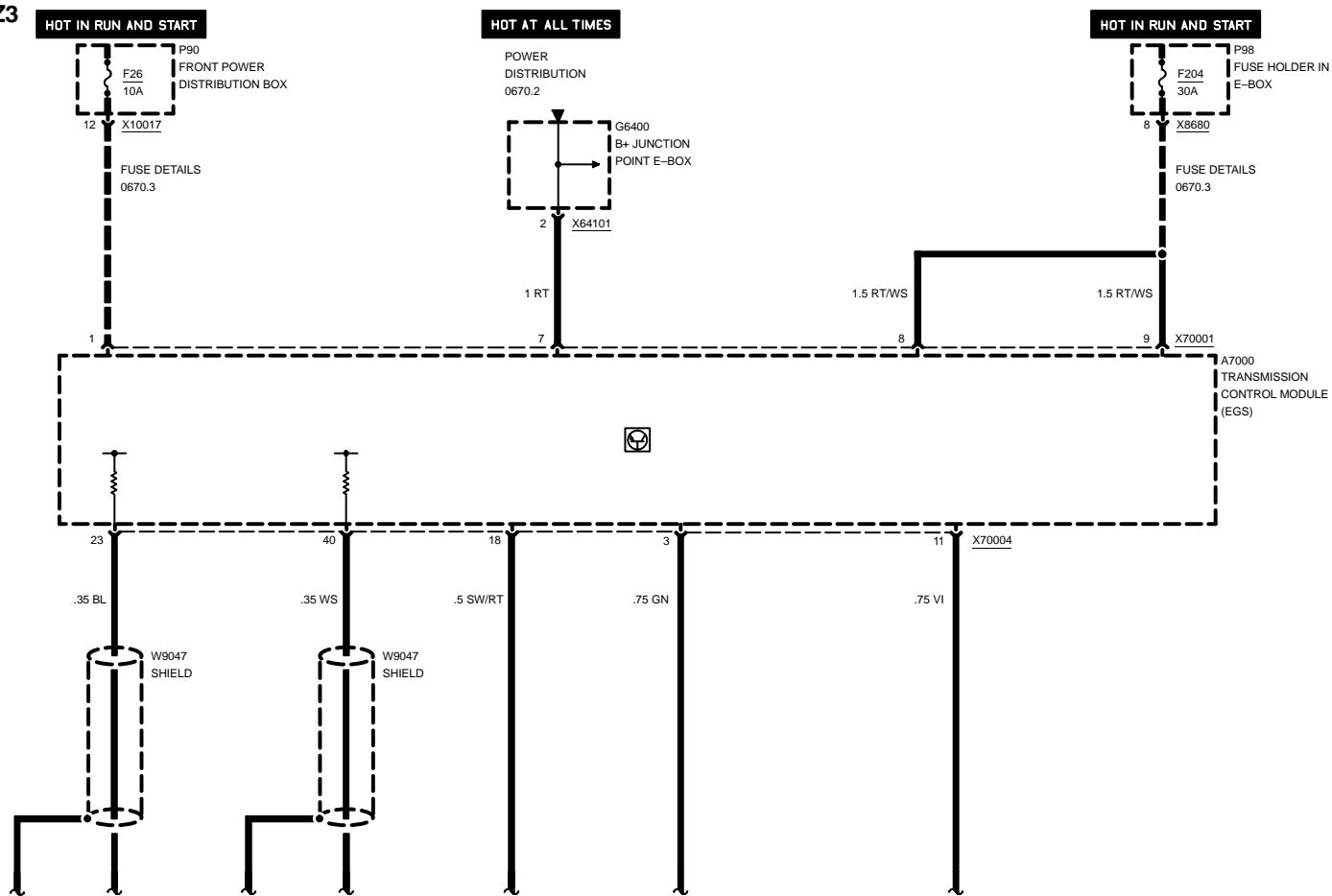
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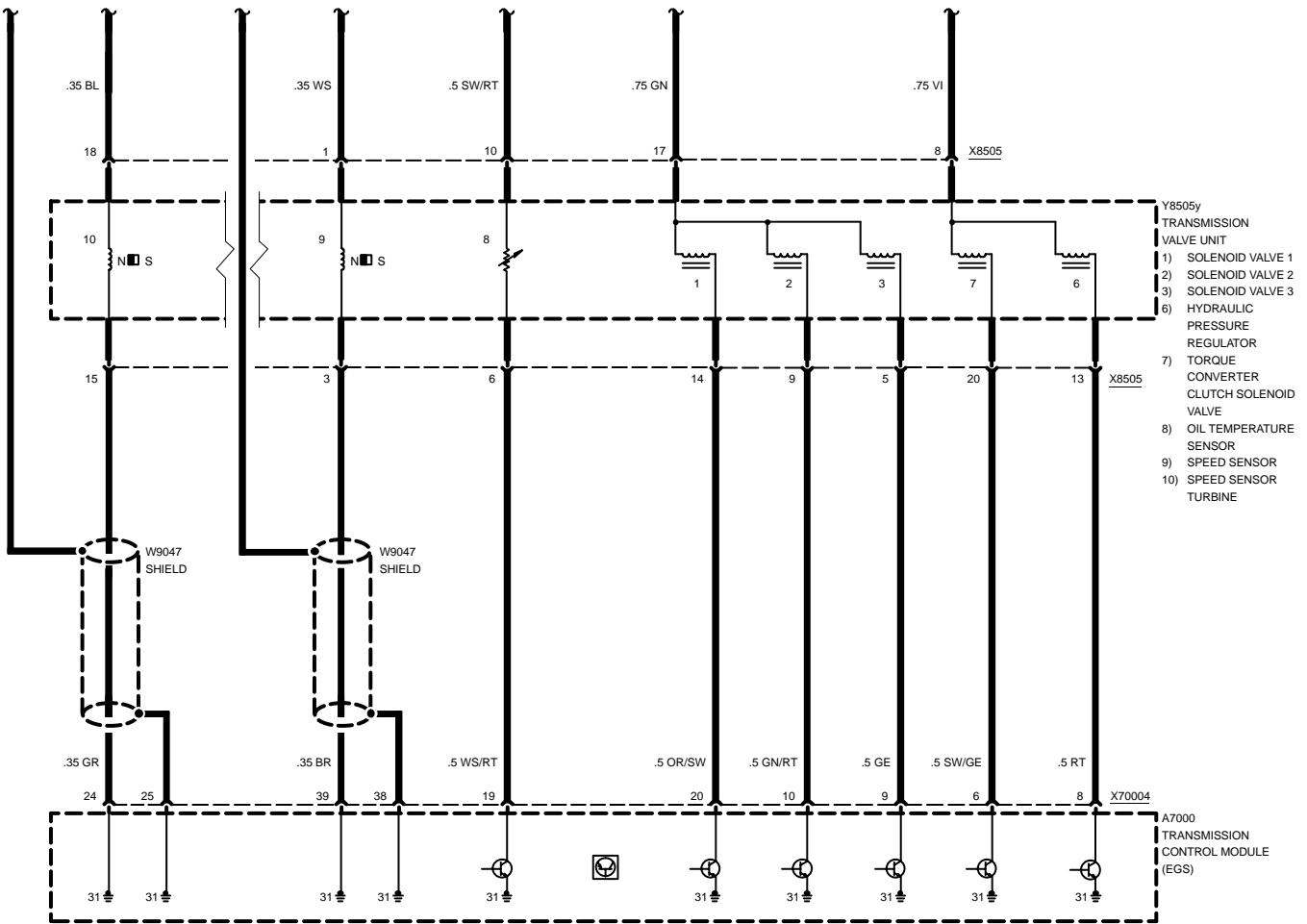


## Pin Assignments

Pin	Type	Signal	Description/Function	Connection
19	M	M_TOELG	Oil temperature signal –	Transmission valve unit
20	A	S_MV1	Solenoid valve 1 control	Transmission valve unit
21			Not used	
22			Not used	
23	A	F_NTU+	Speed sensor turbine +	Transmission valve unit
24	M	F_NTU-	Speed sensor turbine –	Transmission valve unit
25	M	W_NTU	Ground for shield	Shield for speed sensor turbine
26			Not used	
27			Not used	
28			Not used	
29			Not used	
30			Not used	
31			Not used	
32	E/A	D_TXD2	TXD diagnostic data link	Engine control module
33			Not used	
34			Not used	
35			Not used	
36	E/A	D_CAN-H	CAN-bus High	Engine control module
37	E/A	D_CAN-L	CAN-bus Low	Engine control module
38	M	W_NAB	Ground for shield	Shield for speed sensor
39	M	F_NAB-	Speed sensor shaft –	Transmission valve unit
40	A	F_NAB+	Speed sensor shaft +	Transmission valve unit

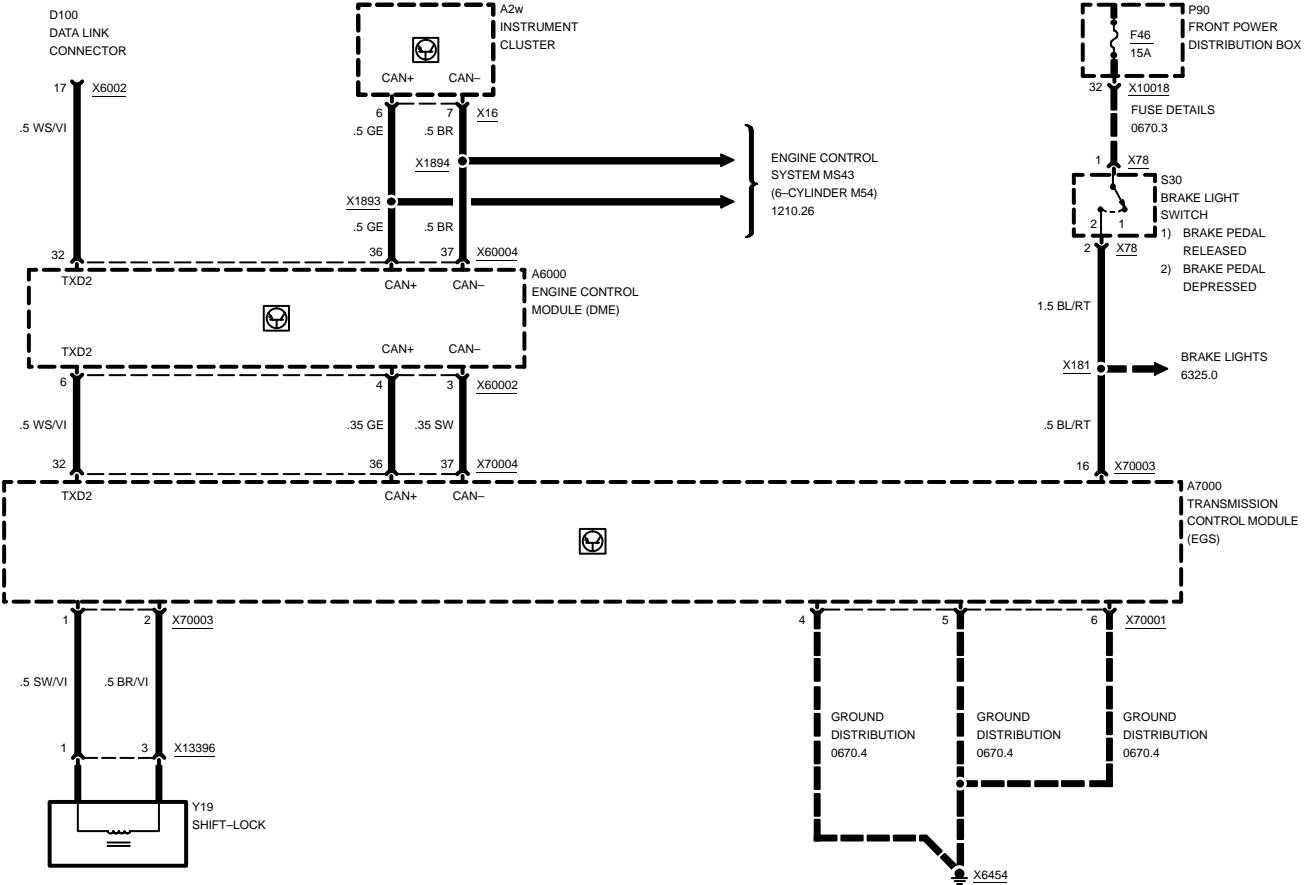
E = Input, A = Output, M = Ground

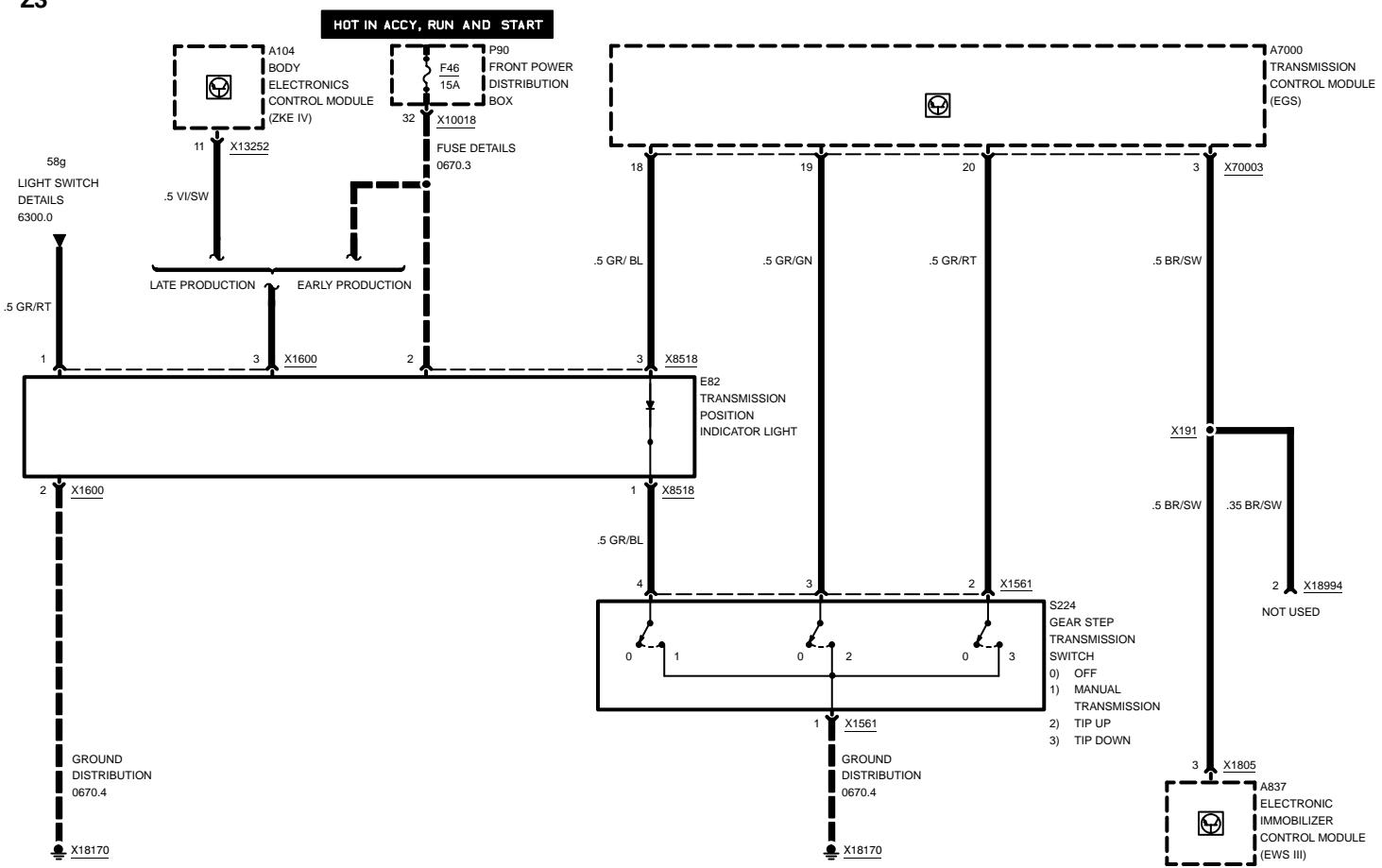
**ELECTRONIC TRANSMISSION CONTROL (EGS: A5S 360R)**



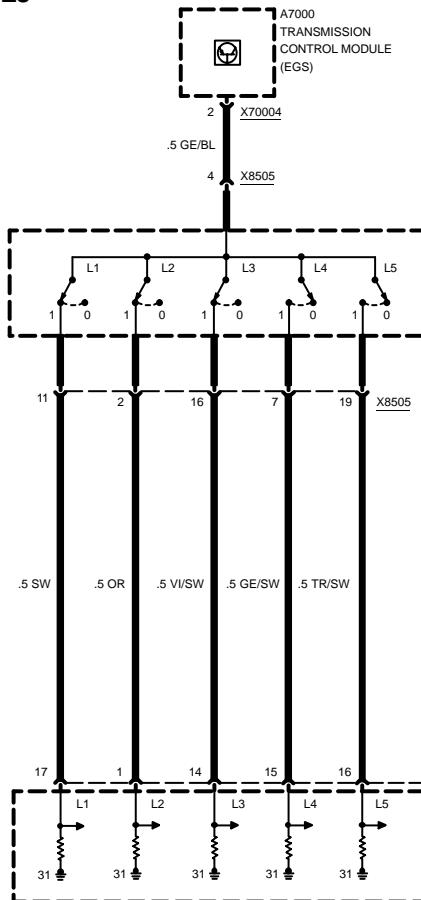
## ELECTRONIC TRANSMISSION CONTROL (EGS: A5S 360R)

### SHIFT LOCK, DATA LINK, KICK-DOWN SWITCH

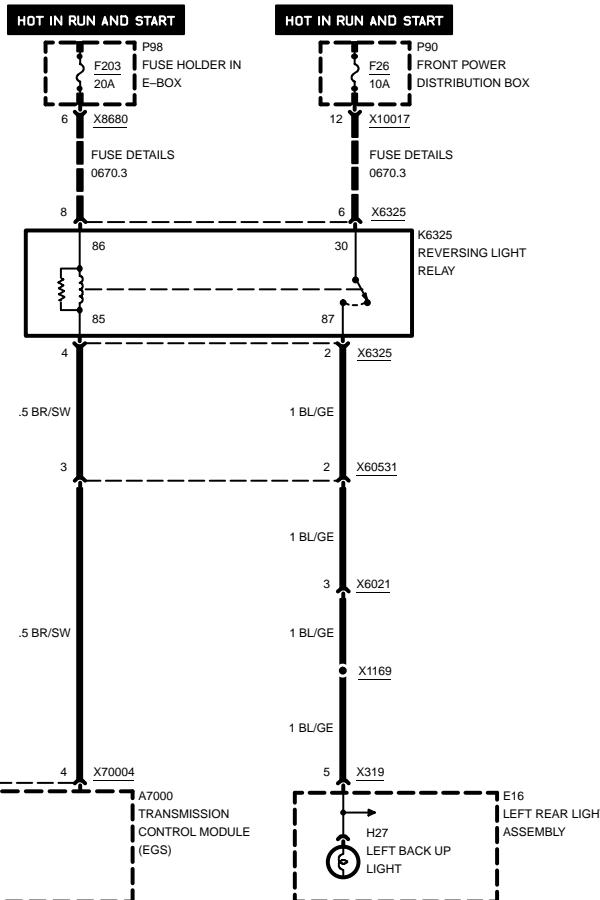


**ELECTRONIC TRANSMISSION CONTROL (EGS: A5S 360R)**

## ELECTRONIC TRANSMISSION CONTROL (EGS: A5S 360R)



	L1	L2	L3	L4	L5
P	1	1	1	0	0
R	0	0	1	1	0
N	1	1	0	1	0
D	0	0	0	1	1
4	1	0	1	1	1
3	0	0	1	0	1
2	1	0	0	0	1

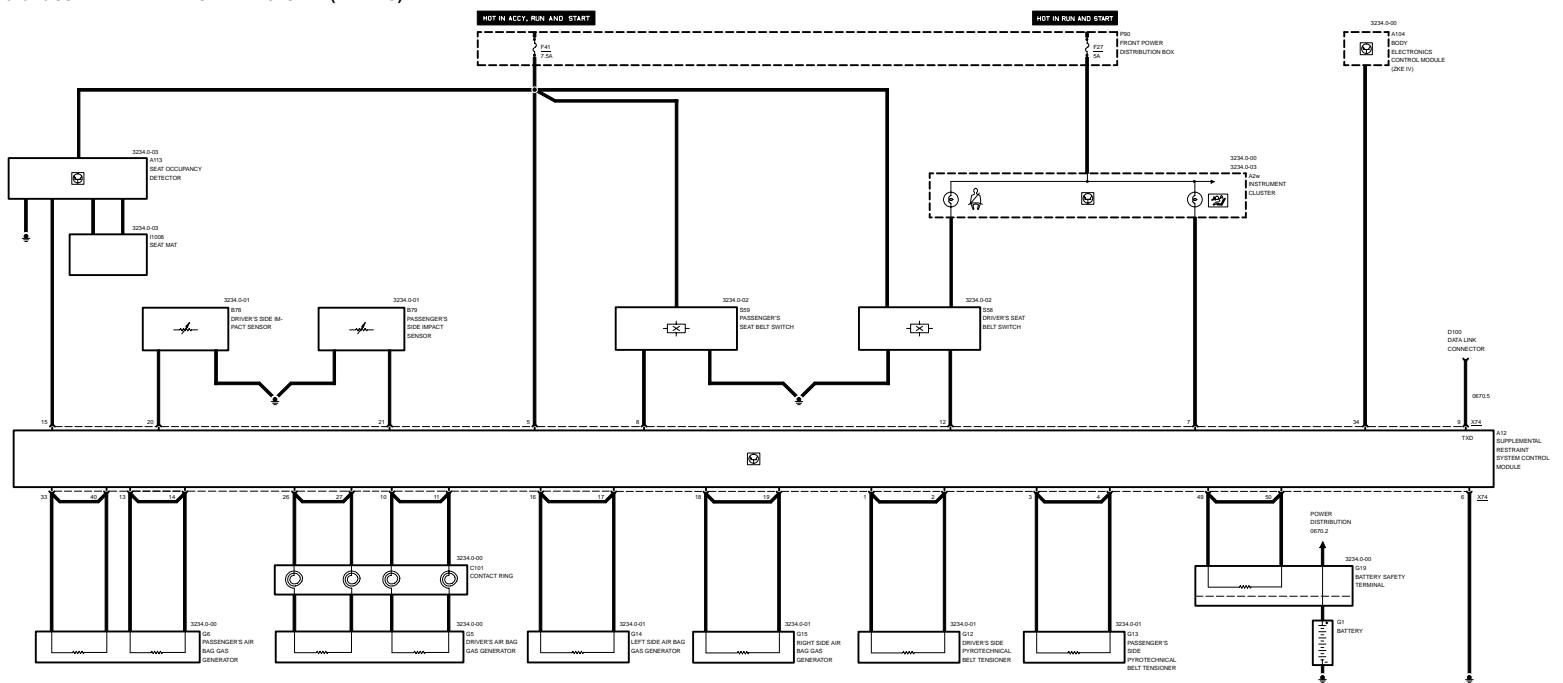


**3234.0 SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)**

06/00

**3234.0**

2001



Z3



## Pin Assignments

### X74

Pin	Type	Description/Function	Connection
1	A	Pyrotechnical belt tensioner (+)	Driver's side pyrotechnical belt tensioner
2	A	Pyrotechnical belt tensioner (-)	Driver's side pyrotechnical belt tensioner
3	A	Pyrotechnical belt tensioner (+)	Passenger's side pyrotechnical belt tensioner
4	A	Pyrotechnical belt tensioner (-)	Passenger's side pyrotechnical belt tensioner
5	E	Power supply	Front power distribution box, fuse 41
6	M	Ground	Ground point
7	A	Air bag warning indicator	Instrument cluster
8	E	Belt switch	Passenger's seat belt switch
9	E/A	TxD diagnostic data line	Data link connector
10	A	Air bag (+)	Driver's air bag gas generator
11	A	Air bag (-)	Driver's air bag gas generator
12	E	Belt switch	Driver's seat belt switch
13	A	Air bag (+)	Passenger's air bag gas generator
14	A	Air bag (-)	Passenger's air bag gas generator
15	E	Seat occupancy detector	Seat occupancy detector
16	A	Gas generator	Gas generator, left side air bag
17	A	Gas generator	Gas generator, left side air bag
18	A	Gas generator	Gas generator, right side air bag
19	A	Gas generator	Gas generator, right side air bag
20	E	Impact sensor	Driver's side impact sensor
21	E	Impact sensor	Passenger's side impact sensor
22		Not used	
23		Not used	
24		Not used	
25		Not used	
26	A	Air bag II (+)	Driver's air bag gas generator
27	A	Air bag II (-)	Driver's air bag gas generator
28		Not used	
29		Not used	

E = Input, A = Output, M = Ground

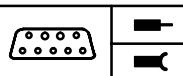


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3234.0-b

2001

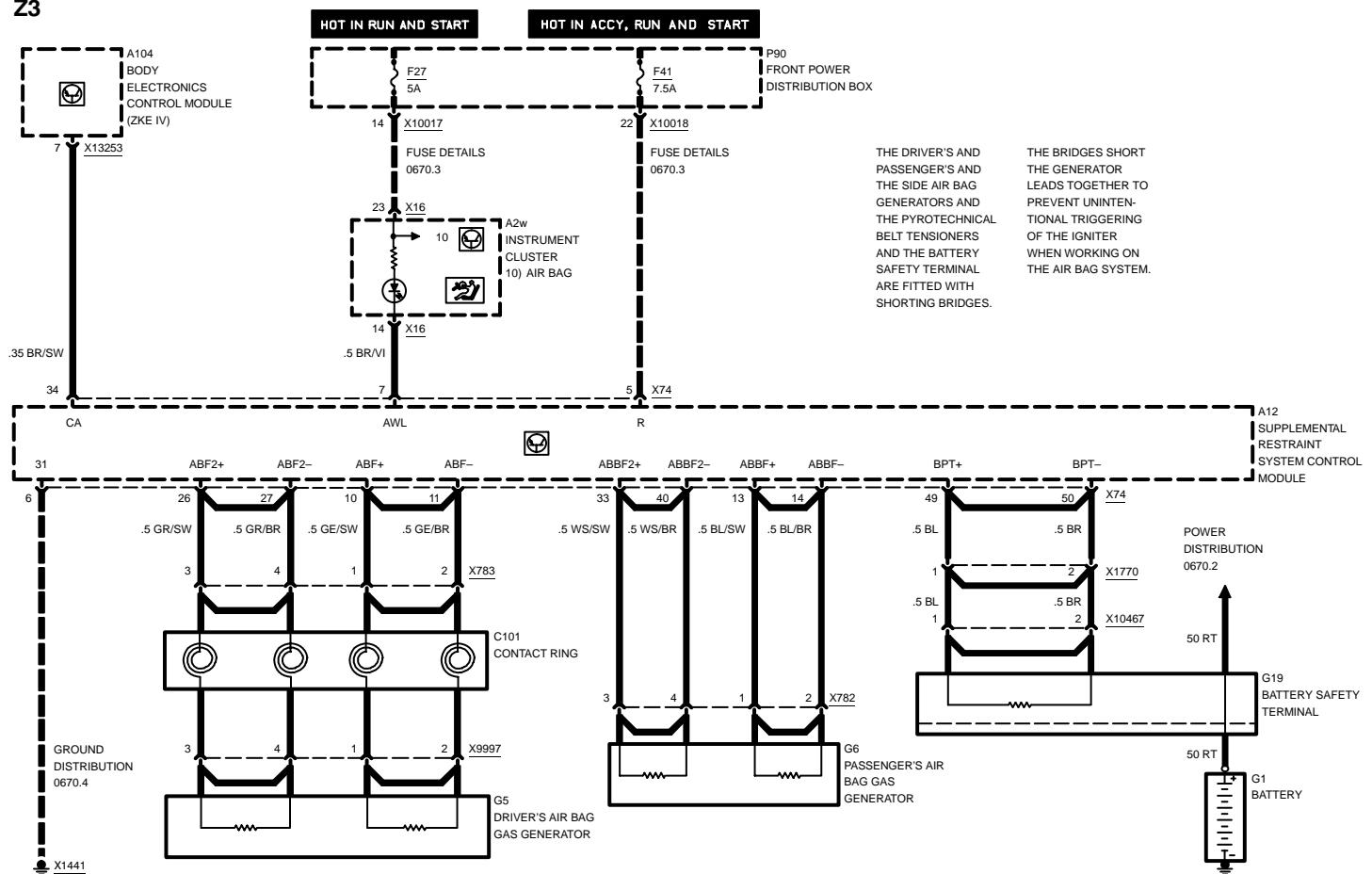
Z3



## Pin Assignments

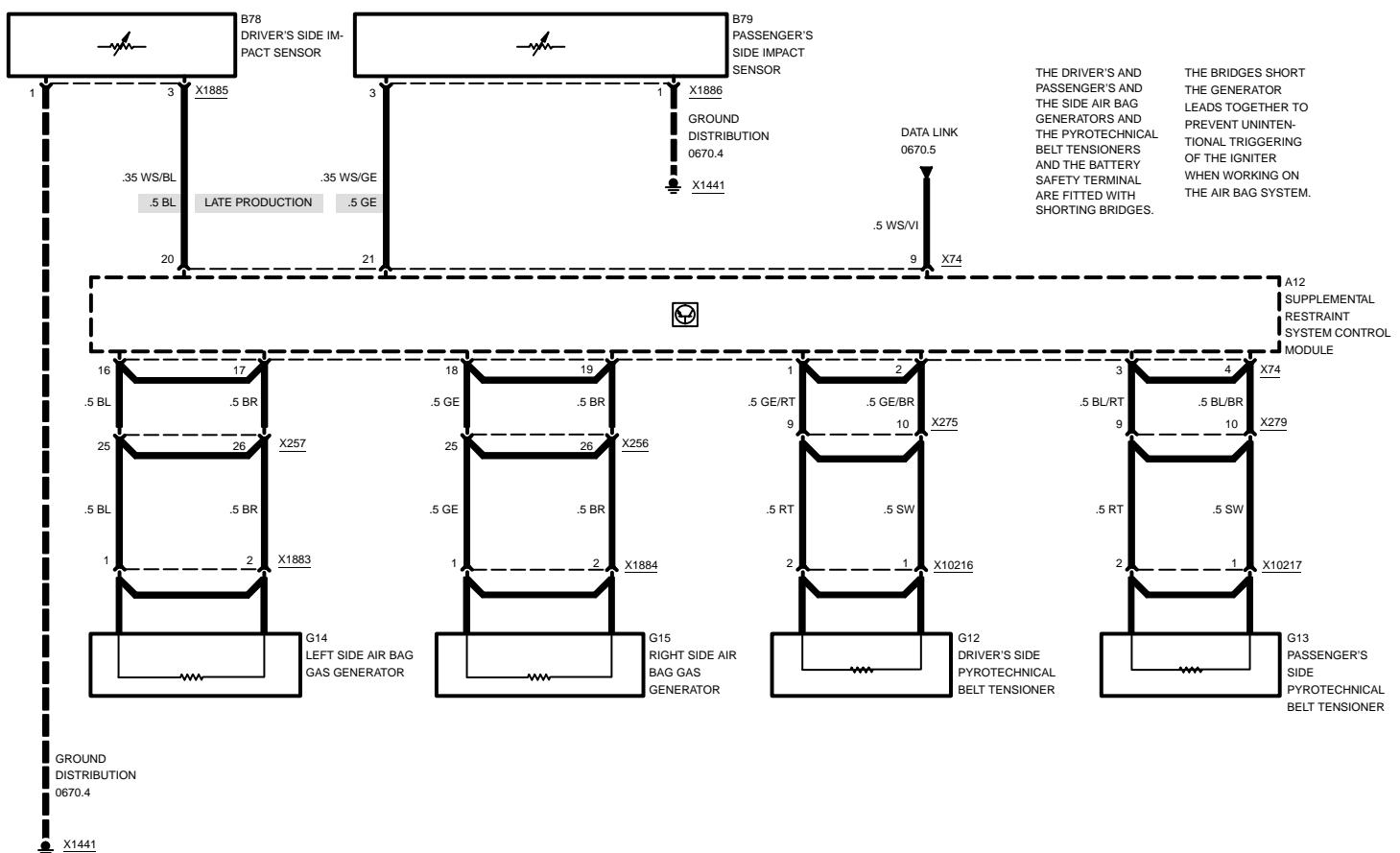
Pin	Type	Description/Function	Connection
30		Not used	
31		Not used	
32		Not used	
33	A	Air bag II (+)	Passenger's air bag gas generator
34	A	Crash signal	Body electronics control module (ZKE IV)
35		Not used	
36		Not used	
37		Not used	
38		Not used	
39		Not used	
40	A	Air bag II (-)	Passenger's air bag gas generator
41		Not used	
42		Not used	
43		Not used	
44		Not used	
45		Not used	
46		Not used	
47		Not used	
48		Not used	
49	A	Battery safety terminal (+)	Battery safety terminal
50	A	Battery safety terminal (-)	Battery safety terminal

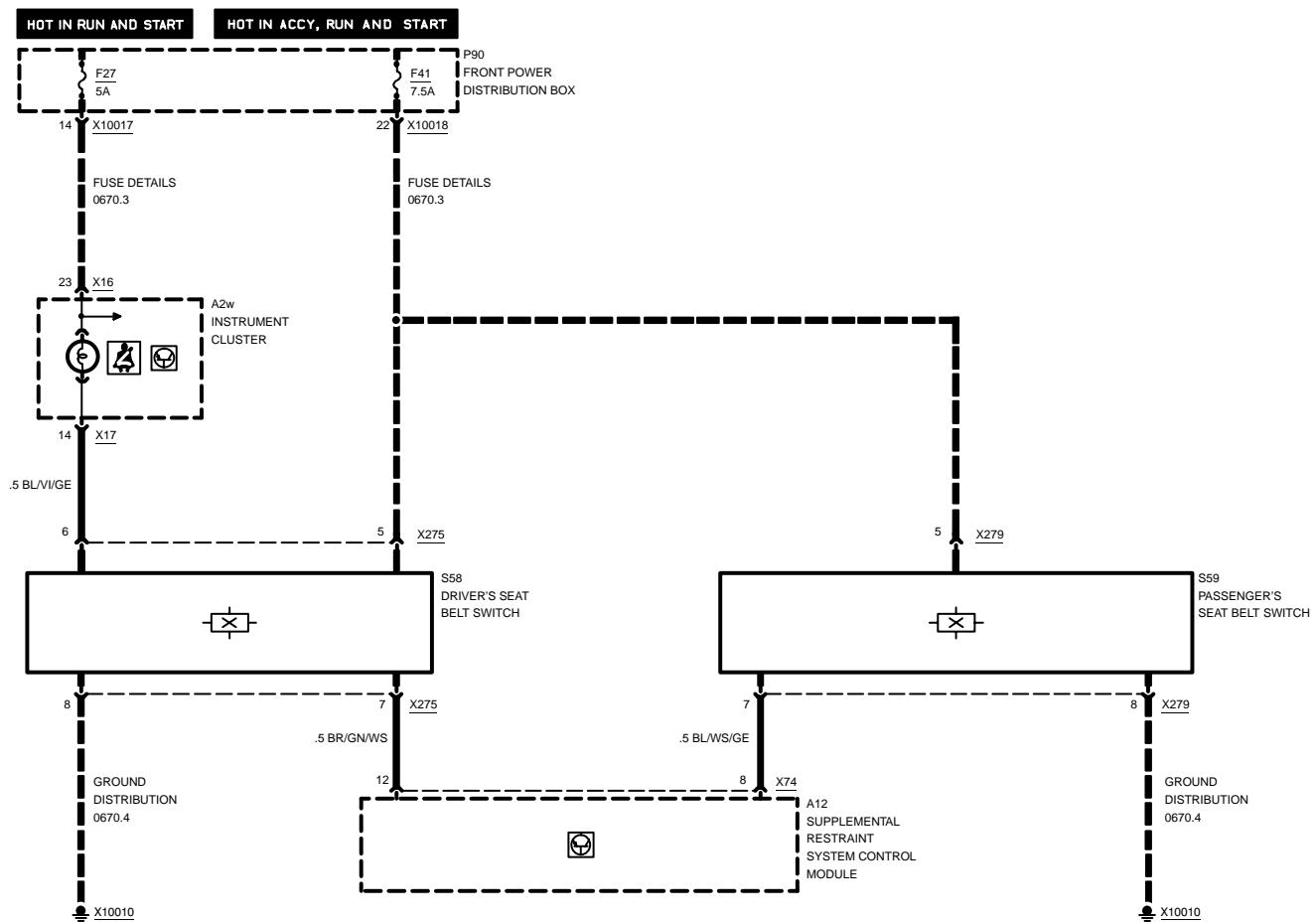
E = Input, A = Output, M = Ground

**SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)**

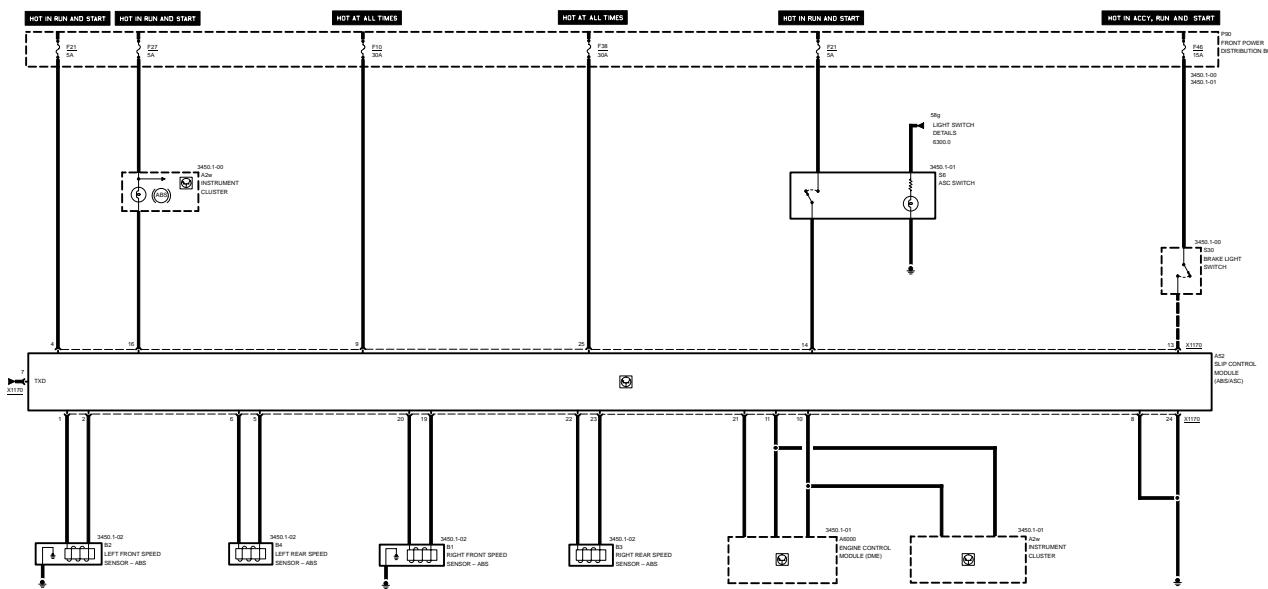
## SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

## SIDE AIR BAG



**SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)**

**SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)**



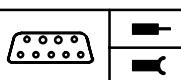


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3450.1-a

2001

Z3



## Pin Assignments

### X1170

Pin	Type	Signal	Description/Function	Connection
1	M	VL-	Sensor ground	ABS speed sensor, left front
2	E	VL+	Speed signal	ABS speed sensor, left front
3			Not used	
4	E	15A21	Voltage supply	Fuse 21
5	M	HL-	Sensor ground	ABS speed sensor, left rear
6	E	HL+	Speed signal	ABS speed sensor, left rear
7	E/A	TXD	Diagnosis TXD signal	Data link connector
8	M	31L	Ground	Ground point
9	E	30<10	Voltage supply	Fuse 10
10	E/A	CAN-	CAN-bus Low	Service, CAN-bus Low
11	E/A	CAN+	CAN-bus High	Service, CAN-bus High
12			Not used	
13	E	54	Brake signal	Brake light switch
14	E	ASCS	ASC-ON-signal	ASC switch
15			Not used	
16	A	WLAS	Warning lamp	Instrument cluster
17			Not used	
18			Not used	
19	M	VR-	Sensor ground	ABS speed sensor, right front
20	E	VR+	Speed signal	ABS speed sensor, right front
21	A	DFAHR	Right rear speed signal	Engine control module (DME)
22	E	HR+	Speed signal	ABS speed sensor, right rear
23	M	HR-	Sensor ground	ABS speed sensor, right rear
24	M	31L	Ground	Ground point
25	E	30<38	Voltage supply	Fuse 38

E = Input, A = Output, M = Ground

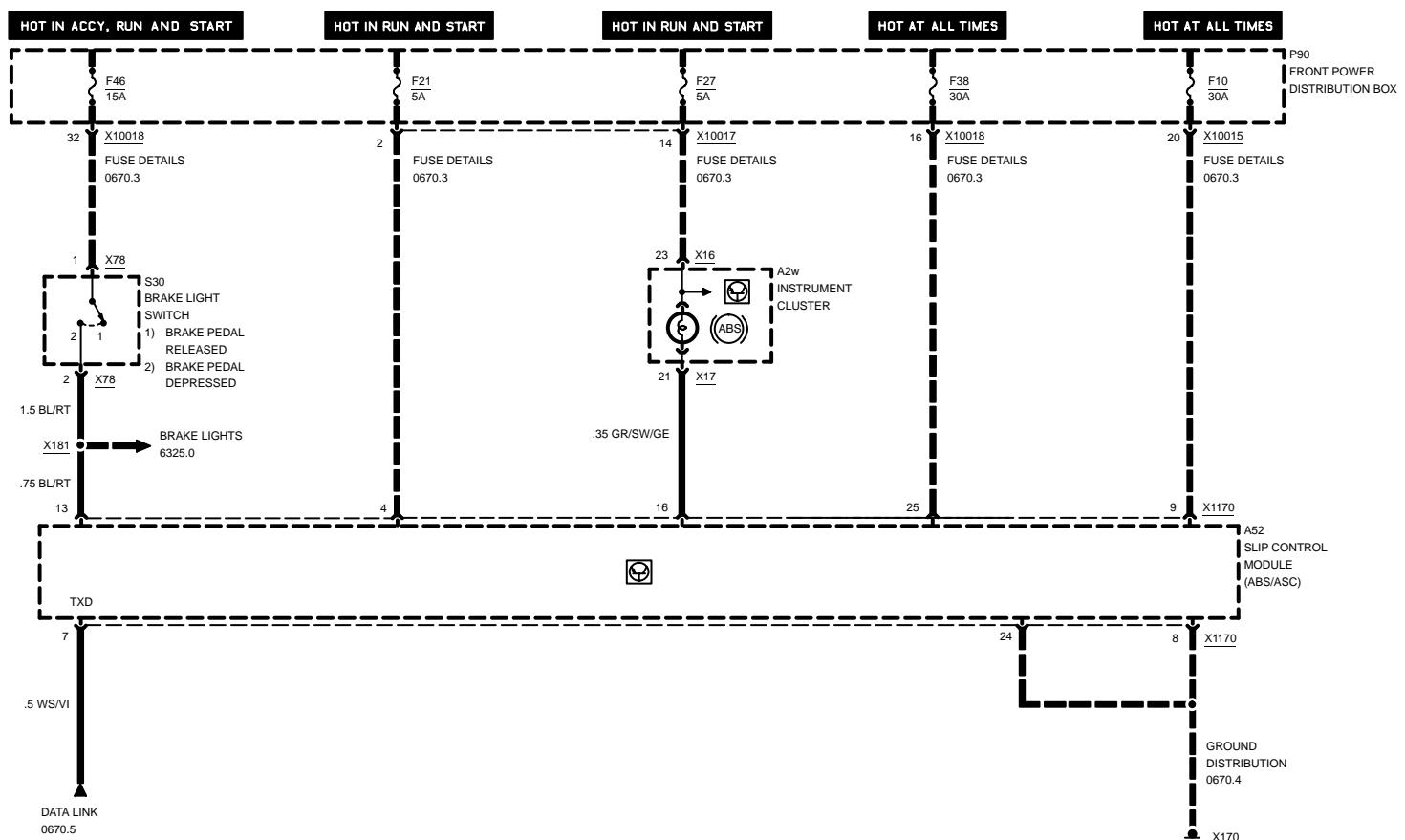


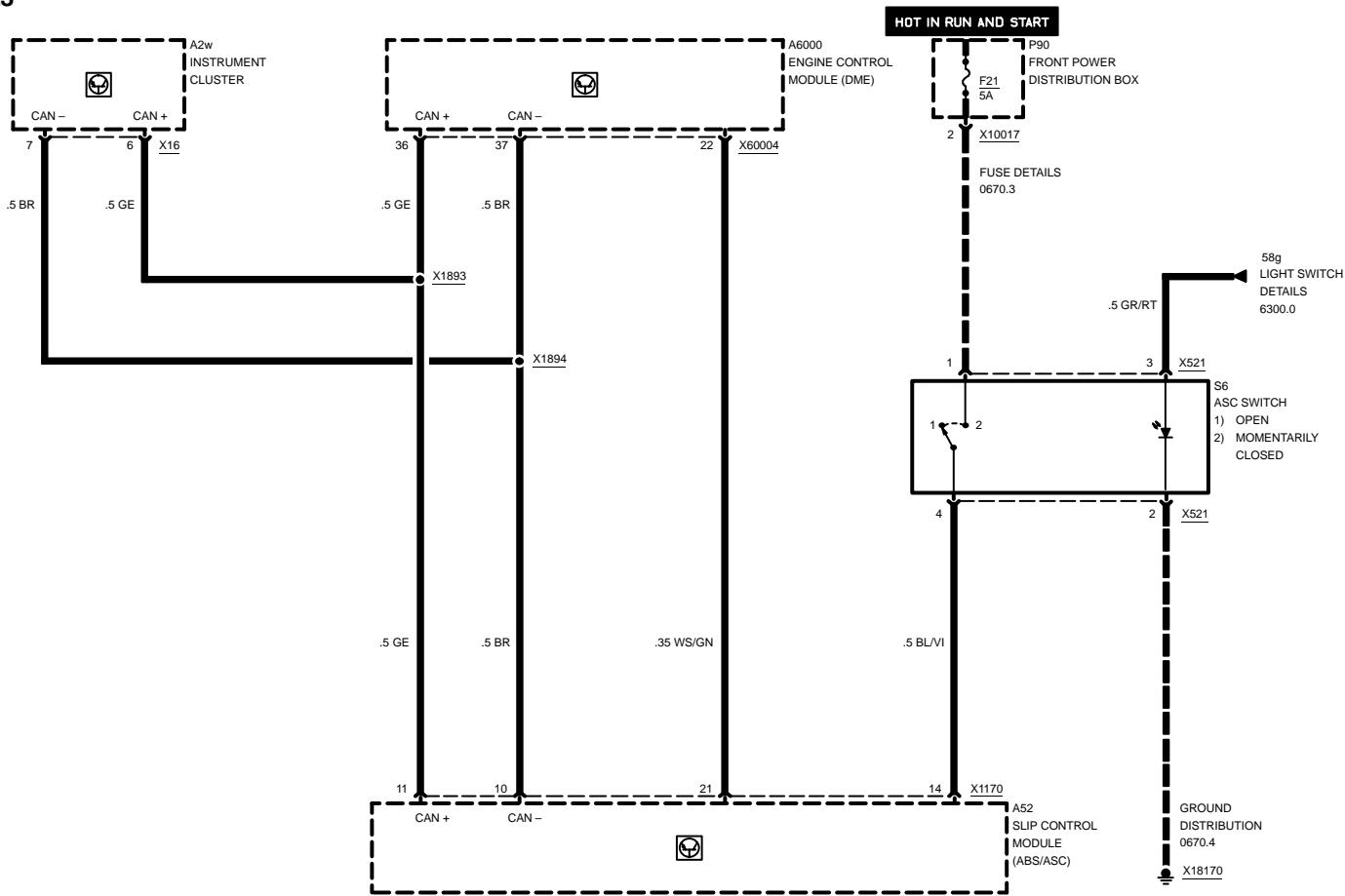
## SLIP CONTROL (ABS/ASC)

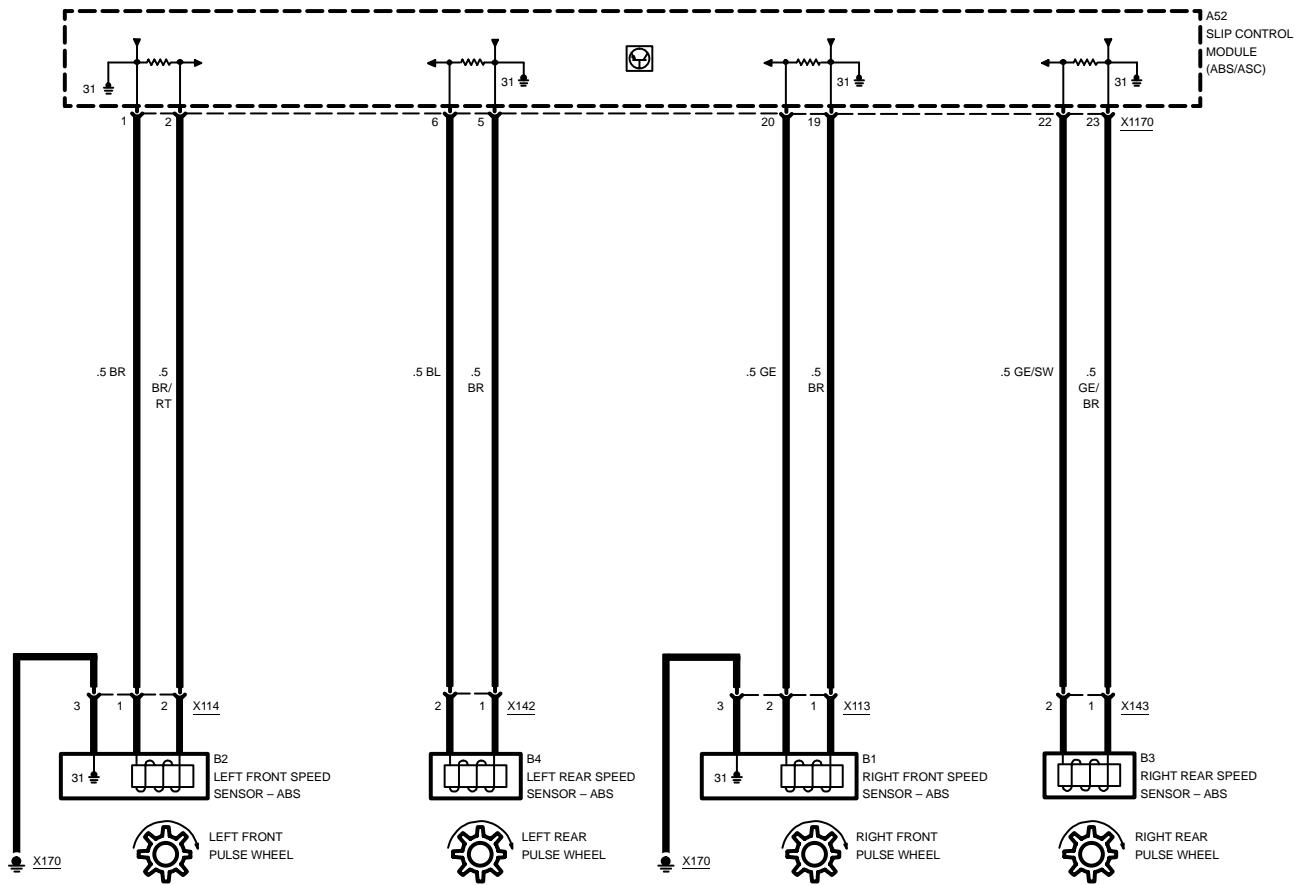
06/00

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**SLIP CONTROL (ABS/ASC)**

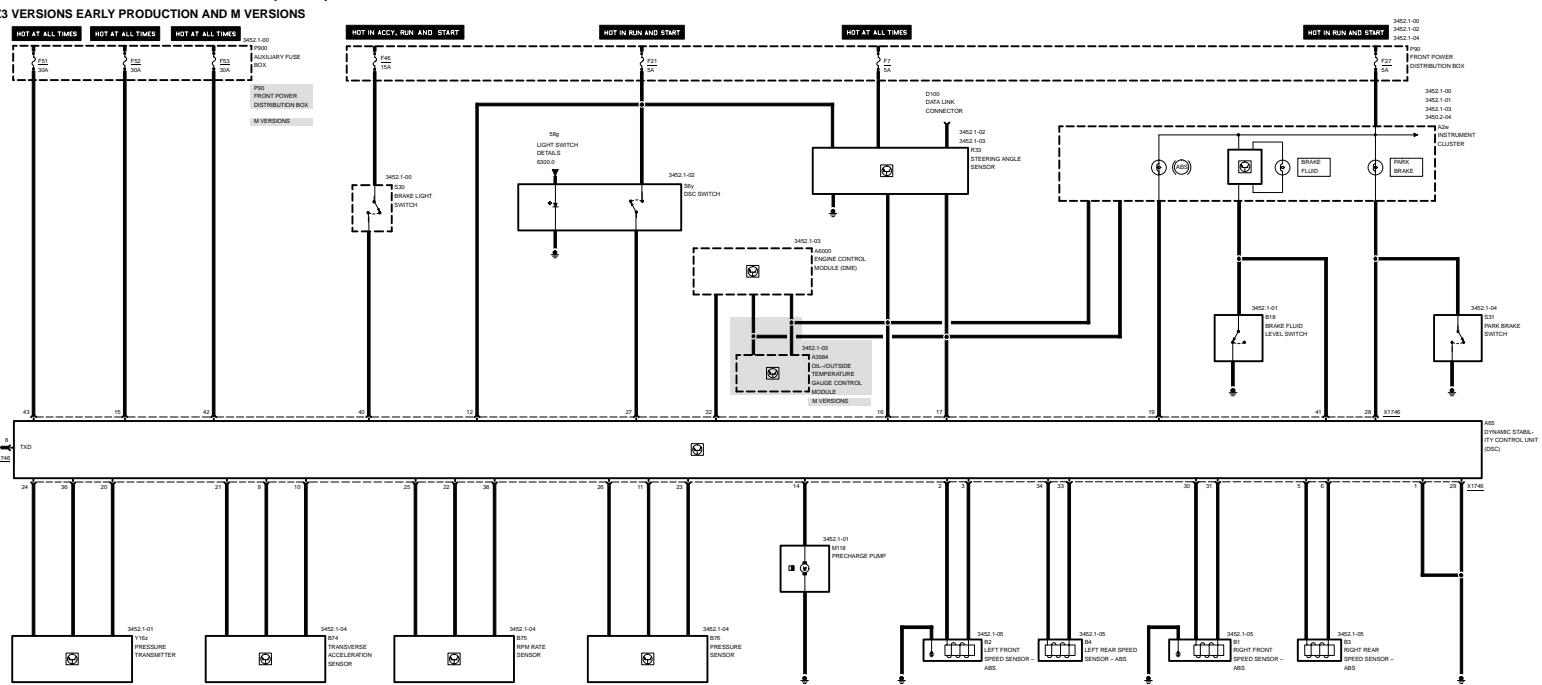
**SLIP CONTROL (ABS/ASC)**

### 3452.1 DYNAMIC STABILITY CONTROL (DSC III)

Z3 VERSIONS EARLY PRODUCTION AND M VERSIONS

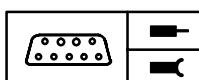
01/01 3452.1

2001





Z3

**Pin Assignments (Z3 Versions Early Prod. and M Versions)****X1746**

Pin	Type	Signal	Description/Function	Connection
1	M	GND	Ground	Ground point
2	M	FL0	Sensor ground	Left front speed sensor (ABS)
3	E	FL1	Speed signal	Left front speed sensor (ABS)
4			Not used	
5	M	RR0	Sensor ground	Right rear speed sensor (ABS)
6	E	RR1	Speed signal	Right rear speed sensor (ABS)
7			Not used	
8	E/A	DIAG_K	Diagnosis TXD signal	Data link connector
9	E	A_LAT	Transverse acceleration sensor signal	Transverse acceleration sensor
10	M	GND_LAT	Ground	Transverse acceleration sensor
11	A	P_DRIV1	Voltage supply	Pressure sensor
12	E	15A21	Terminal 15	Fuse 21
13			Not used	
14	A	VLP+	Activate precharge pump	Precharge pump
15	E	30A52	Terminal 30	Fuse 52
16	E/A	CAN_L	CAN-bus Low	Splice, CAN-bus Low
17	E/A	CAN_H	CAN-bus High	Splice, CAN-bus High
18			Not used	
19	A	WLAS	Warning lamp	Instrument cluster
20	A	SENS_DRI	Pressure transmitter signal	Pressure transmitter
21	A	SENSP_LA	Voltage supply	Transverse acceleration sensor
22	A	SENSP_YA	Voltage supply	RPM rate sensor
23	E	SENS_DRI	Pressure sensor signal	Pressure sensor
24	M	GND_DRIV	Ground	Pressure transmitter
25	M	GND_YAW	Ground	RPM rate sensor
26	M	GND_DRIV	Ground	Pressure sensor
27	E	TCS	DSC-ON-signal	DSC switch
28	E	PBRS	Handbrake signal	Handbrake switch
29	M	GND	Ground	Ground point

E = Input, A = Output, M = Ground



01/01

3452.1-b

2001



## Pin Assignments (Z3 Versions Early Prod. and M Versions)

Pin	Type	Signal	Description/Function	Connection
30	E	FR1	Speed signal	Right front speed sensor (ABS)
31	M	FR0	Ground	Right front speed sensor (ABS)
32	A	DFAHR	Wheel speed signal, right rear	Engine control module (DME)
33	E	RL1	Speed signal	Left rear speed sensor (ABS)
34	M	RL0	Ground	Left rear speed sensor (ABS)
35			Not used	
36	A	P_DRIV2	Voltage supply	Pressure transmitter
37			Not used	
38	E	YAW_SIG	RPM rate signal	RPM rate sensor
39			Not used	
40	E	BLS	Brake signal	Brake light switch
41	E	BRFN	Brake fluid level signal	Brake fluid level switch
42	E	30A53	Terminal 30	Fuse 53
43	E	30A51	Terminal 30	Fuse 51

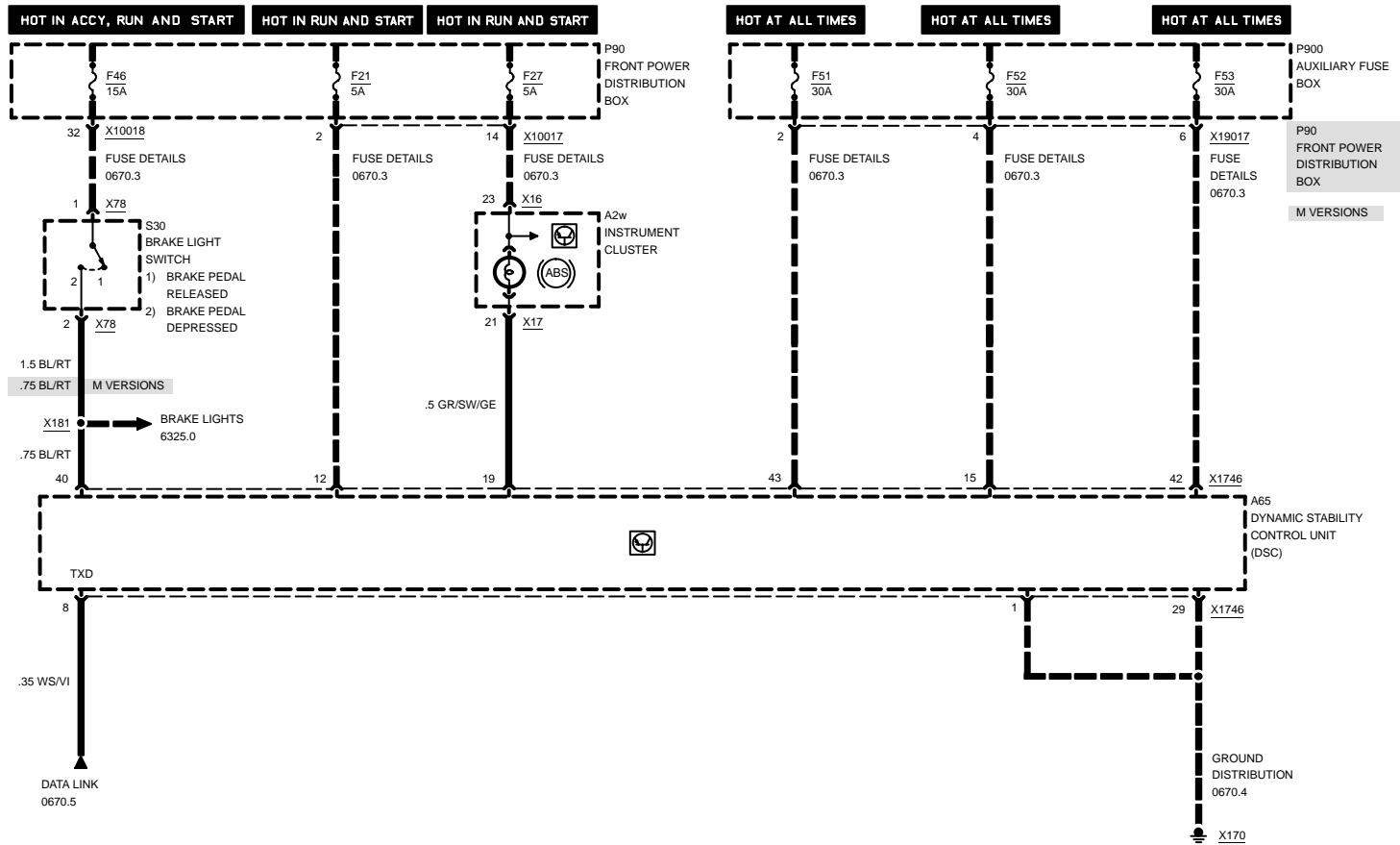
E = Input, A = Output, M = Ground



## DYNAMIC STABILITY CONTROL (DSC III)

Z3 VERSIONS EARLY PRODUCTION AND M VERSIONS

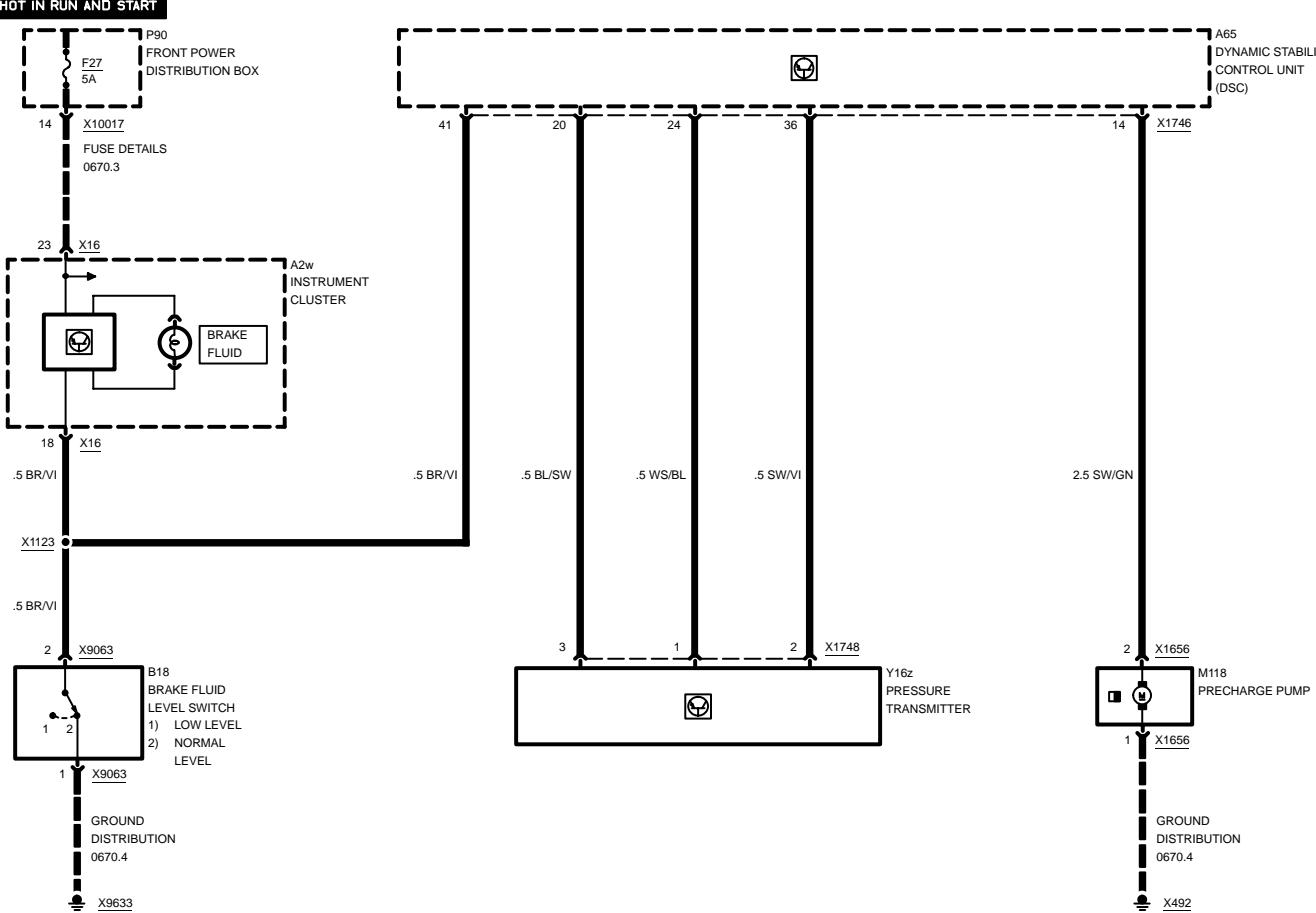
Z3



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3452.1-00

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**DYNAMIC STABILITY CONTROL (DSC III)****Z3 VERSIONS EARLY PRODUCTION AND M VERSIONS**

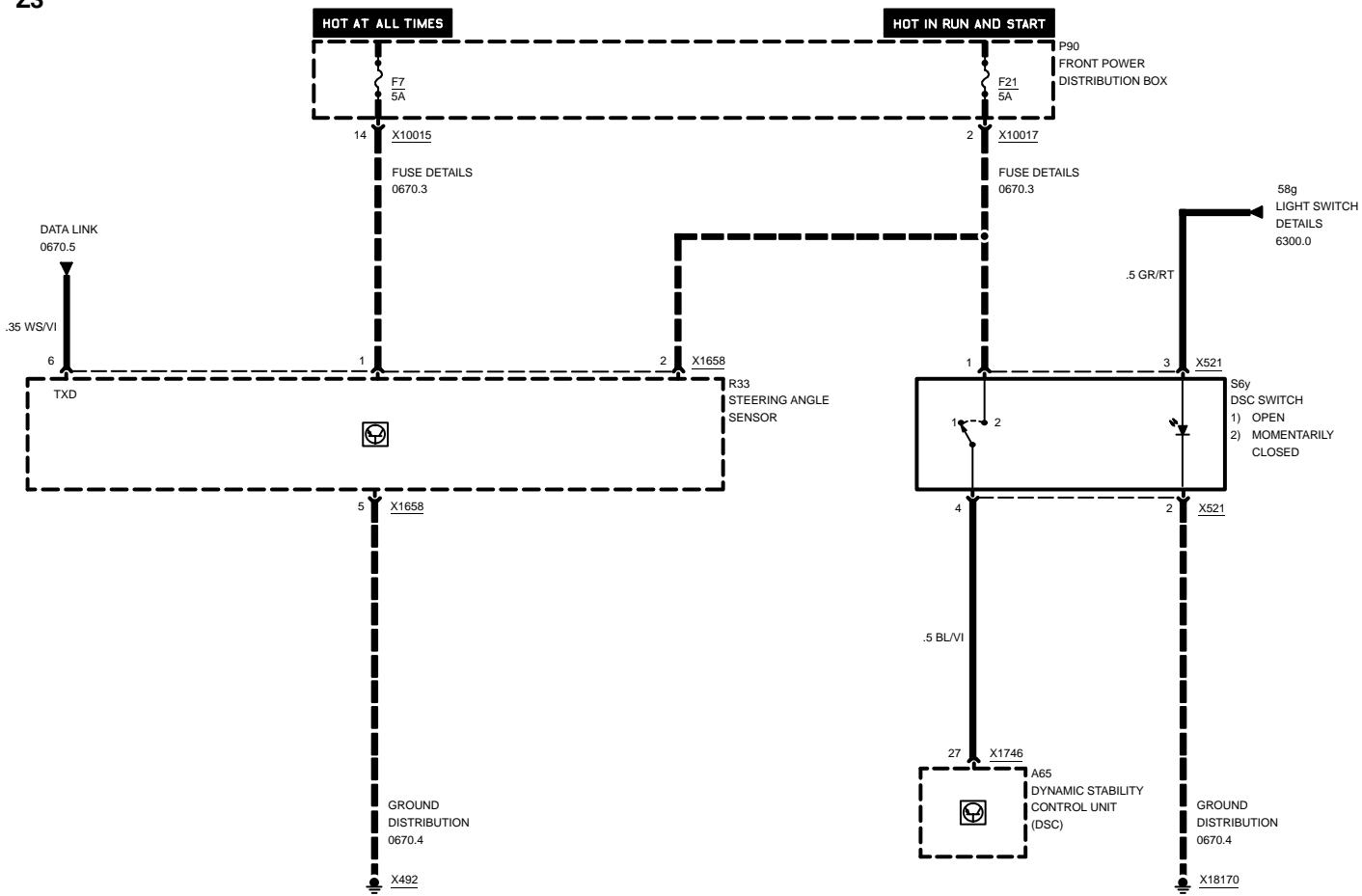
## DYNAMIC STABILITY CONTROL (DSC III)

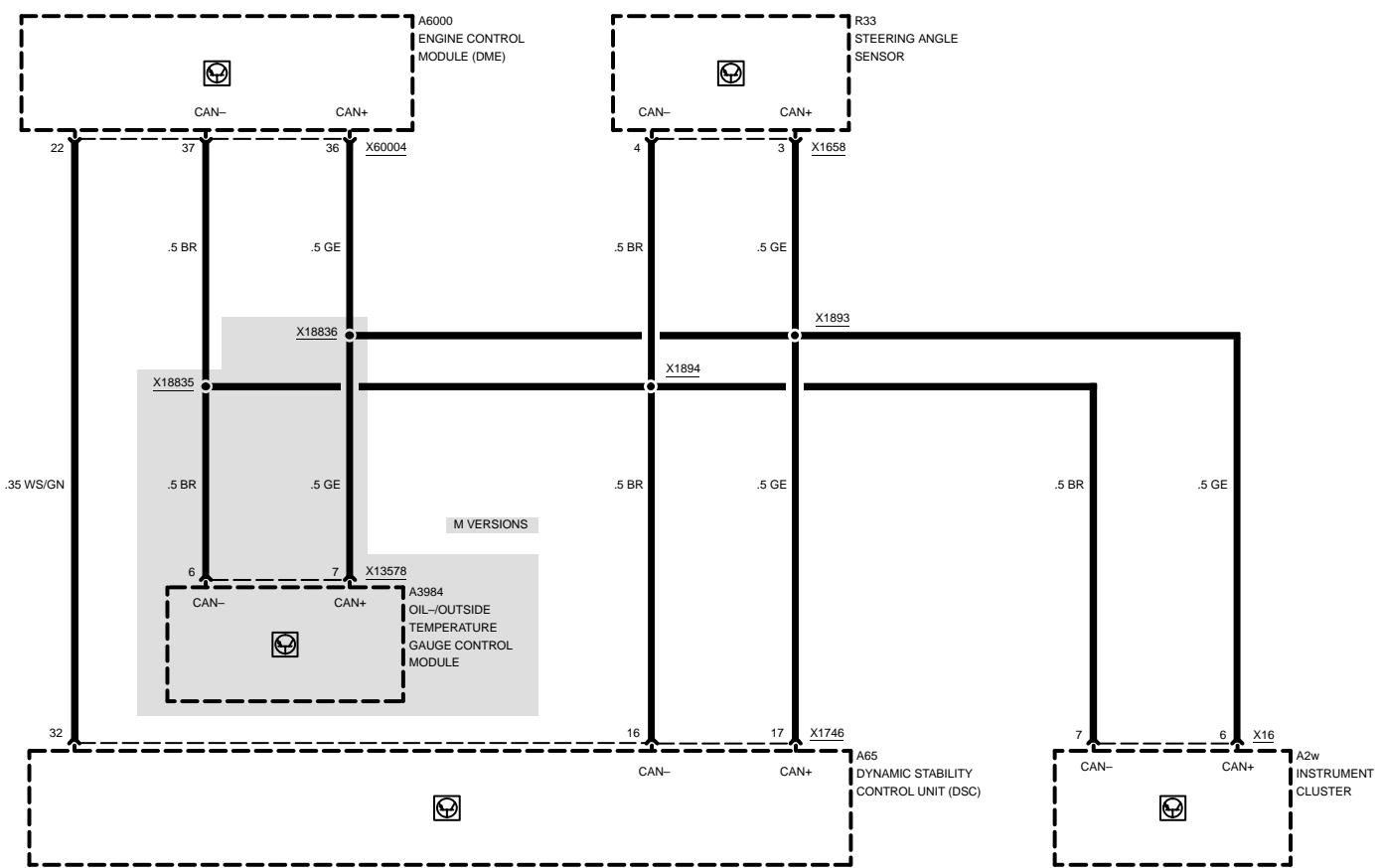
Z3 VERSIONS EARLY PRODUCTION AND M VERSIONS

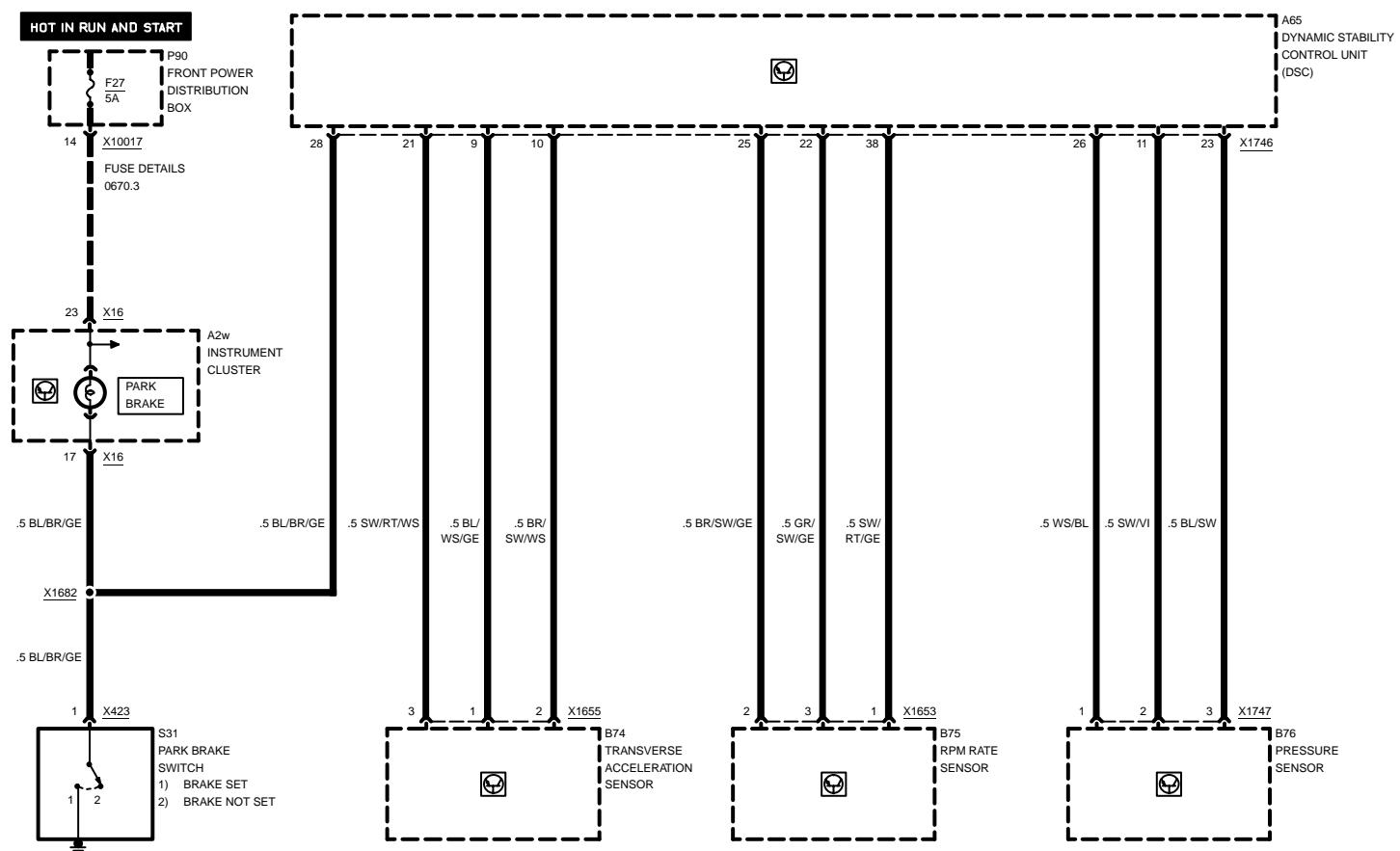
01/01

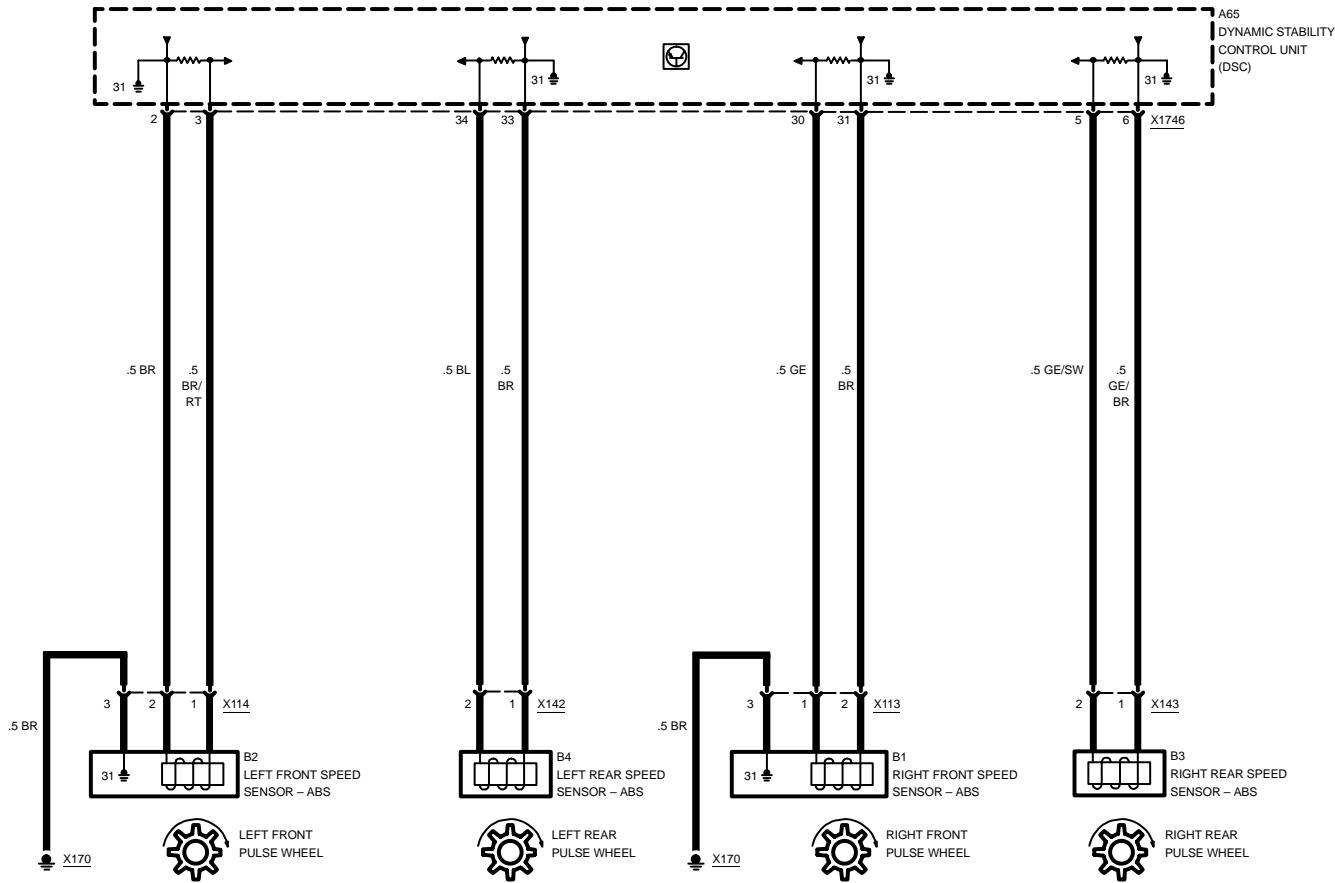
3452.1-02

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**DYNAMIC STABILITY CONTROL (DSC III)****Z3 VERSIONS EARLY PRODUCTION AND M VERSIONS**



**DYNAMIC STABILITY CONTROL (DSC III)****Z3 VERSIONS EARLY PRODUCTION AND M VERSIONS**

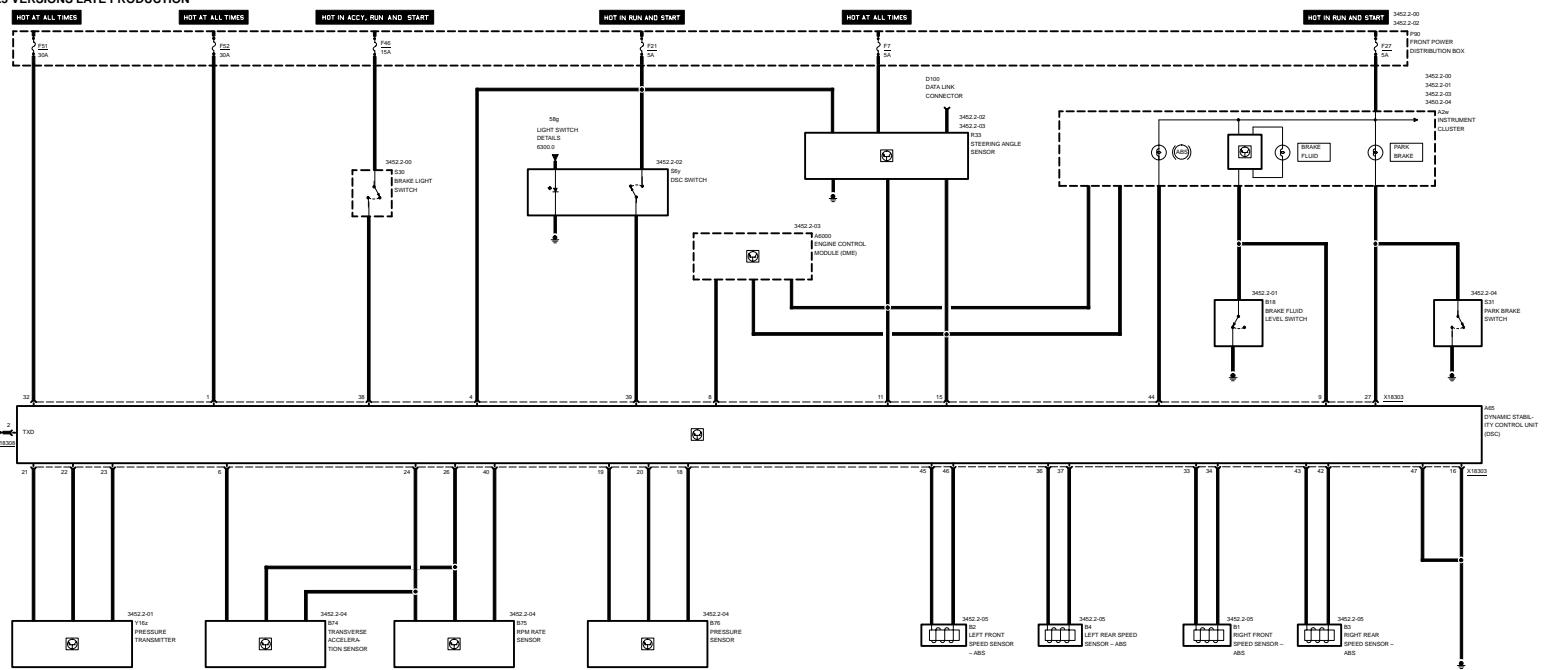
### 3452.2 DYNAMIC STABILITY CONTROL (DSC MK 60)

Z3 VERSIONS LATE PRODUCTION

01/01

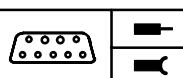
3452.2

2001





Z3



## Pin Assignments (Z3 Versions Late Production)

### X18303

Pin	Type	Signal	Description/Function	Connection
1	E	30A52	Terminal 30	Fuse 52
2	E/A	DIAG_K	Diagnosis TXD signal	Data link connector
3			Not used	
4	E	15A21	Terminal 15	Fuse 21
5			Not used	
6	E	A_LAT	Transverse acceleration sensor signal	Transverse acceleration sensor
7			Not used	
8	A	DFAHR	Wheel speed signal, right rear	Engine control module (DME)
9	E	BRFN	Brake fluid level signal	Brake fluid level switch
10			Not used	
11	E/A	CAN_H	CAN-bus High	Splice, CAN-bus High
12			Not used	
13			Not used	
14			Not used	
15	E/A	CAN_L	CAN-bus Low	Splice, CAN-bus Low
16	M	GND	Ground	Ground point
17			Not used	
18	E	SENS_DRIV1	Pressure sensor signal	Pressure sensor
19	M	GND_DRIV1	Ground	Pressure sensor
20	A	P_DRIV1	Voltage supply	Pressure sensor
21	M	GND_DRIV2	Ground	Pressure transmitter
22	E	SENS_DRIV2	Pressure transmitter signal	Pressure transmitter
23	A	P_DRIV2	Voltage supply	Pressure transmitter
24	M	GND_YAW	Ground	Transverse acceleration sensor, RPM rate sensor
25			Not used	
26	A	SENSP_YAW	Voltage supply	Transverse acceleration sensor, RPM rate sensor
27	E	HANDB	Handbrake signal	Handbrake switch
28			Not used	

E = Input, A = Output, M = Ground



01/01

3452.2-b

2001



## Pin Assignments (Z3 Versions Late Production)

Pin	Type	Signal	Description/Function	Connection
29			Not used	
30			Not used	
31			Not used	
32	E	30A51	Terminal 30	Fuse 51
33	E	FR1	Speed signal	Right front speed sensor (ABS)
34	M	FR0	Sensor ground	Right front speed sensor (ABS)
35			Not used	
36	M	RL0	Sensor ground	Left rear speed sensor (ABS)
37	E	RL1	Speed signal	Left rear speed sensor (ABS)
38	E	BLS	Brake signal	Brake light switch
39	E	TCS	DSC-ON-signal	DSC switch
40	E	YAW_SIG	RPM rate signal	RPM rate sensor
41			Not used	
42	E	RR1	Speed signal	Right rear speed sensor (ABS)
43	M	RR0	Sensor ground	Right rear speed sensor (ABS)
44	A	WLAS	Warning lamp	Instrument cluster
45	M	FL0	Sensor ground	Front left speed sensor (ABS)
46	E	FL1	Speed signal	Front left speed sensor (ABS)
47	M	GND	Ground	Ground point

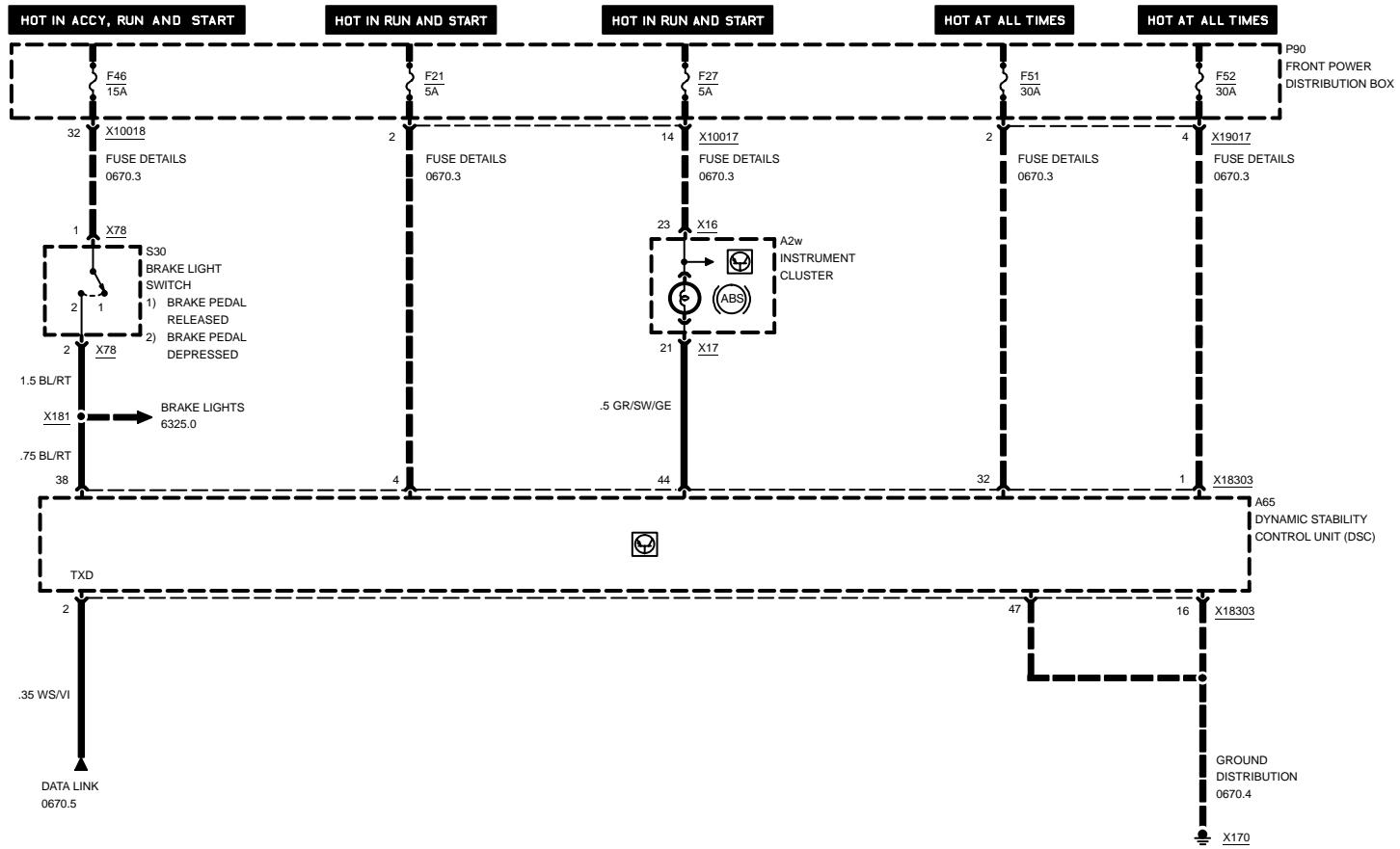
E = Input, A = Output, M = Ground



## DYNAMIC STABILITY CONTROL (DSC MK 60)

Z3 VERSIONS LATE PRODUCTION

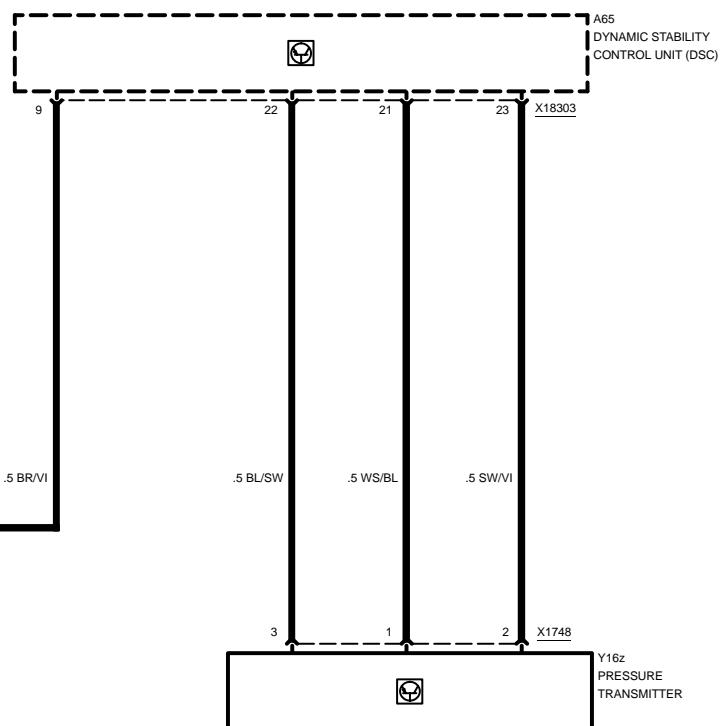
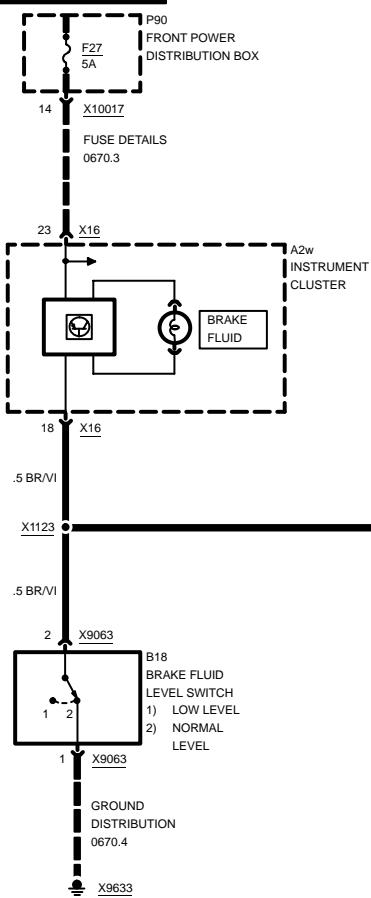
Z3



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3452.2-00

2001

**HOT IN RUN AND START**

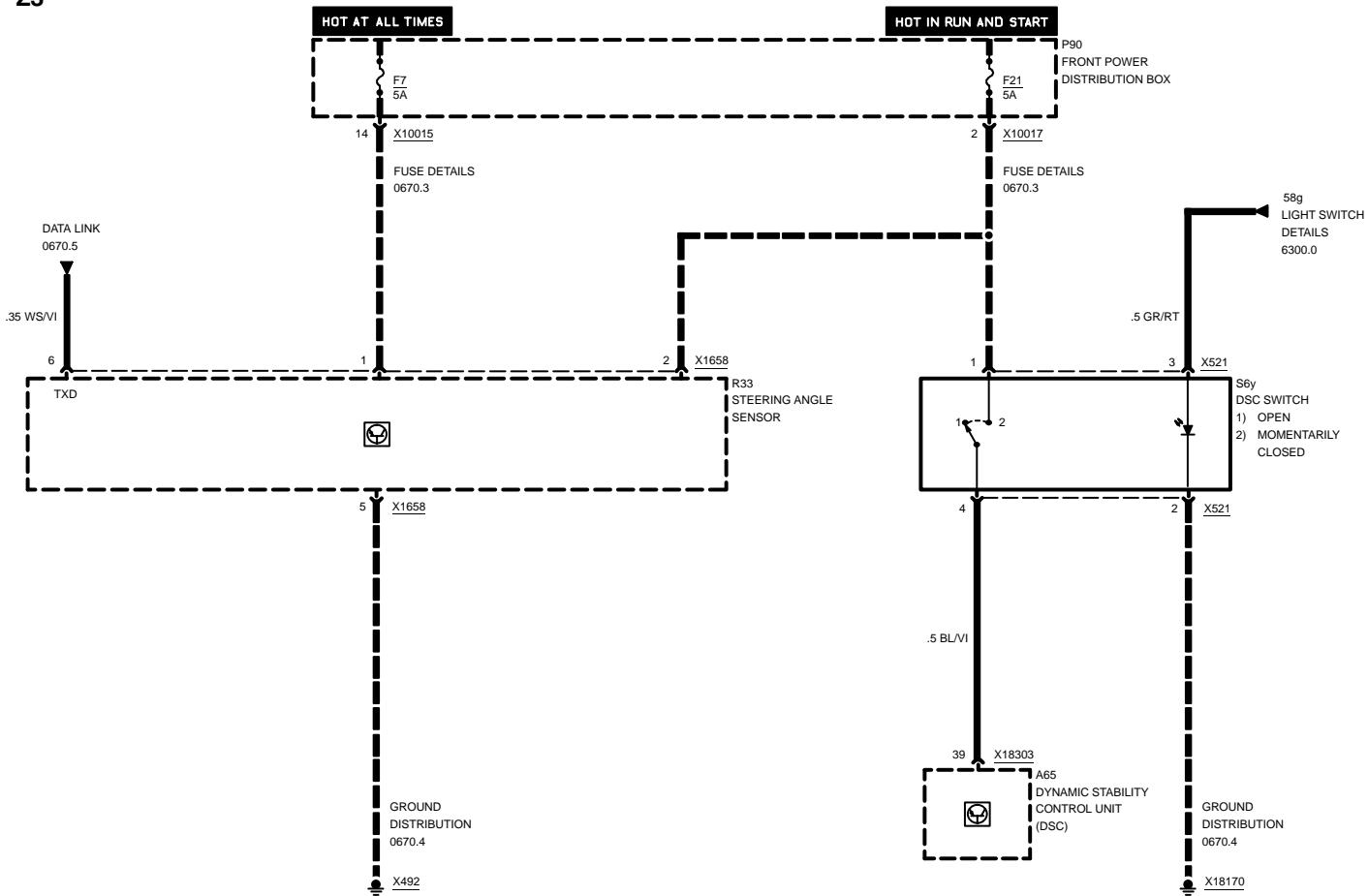
## DYNAMIC STABILITY CONTROL (DSC MK 60)

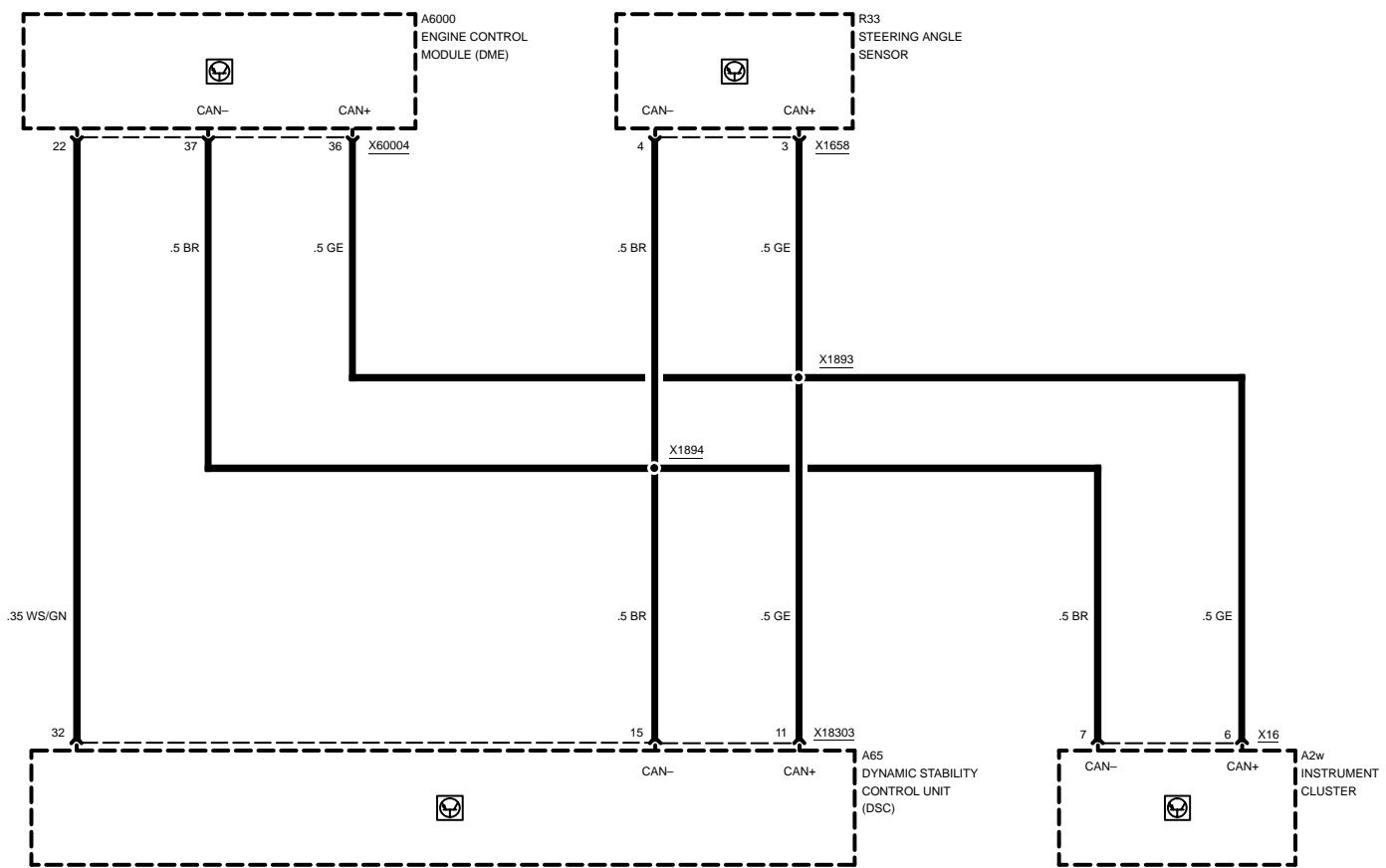
Z3 VERSIONS LATE PRODUCTION

01/01

3452.2-02

2001







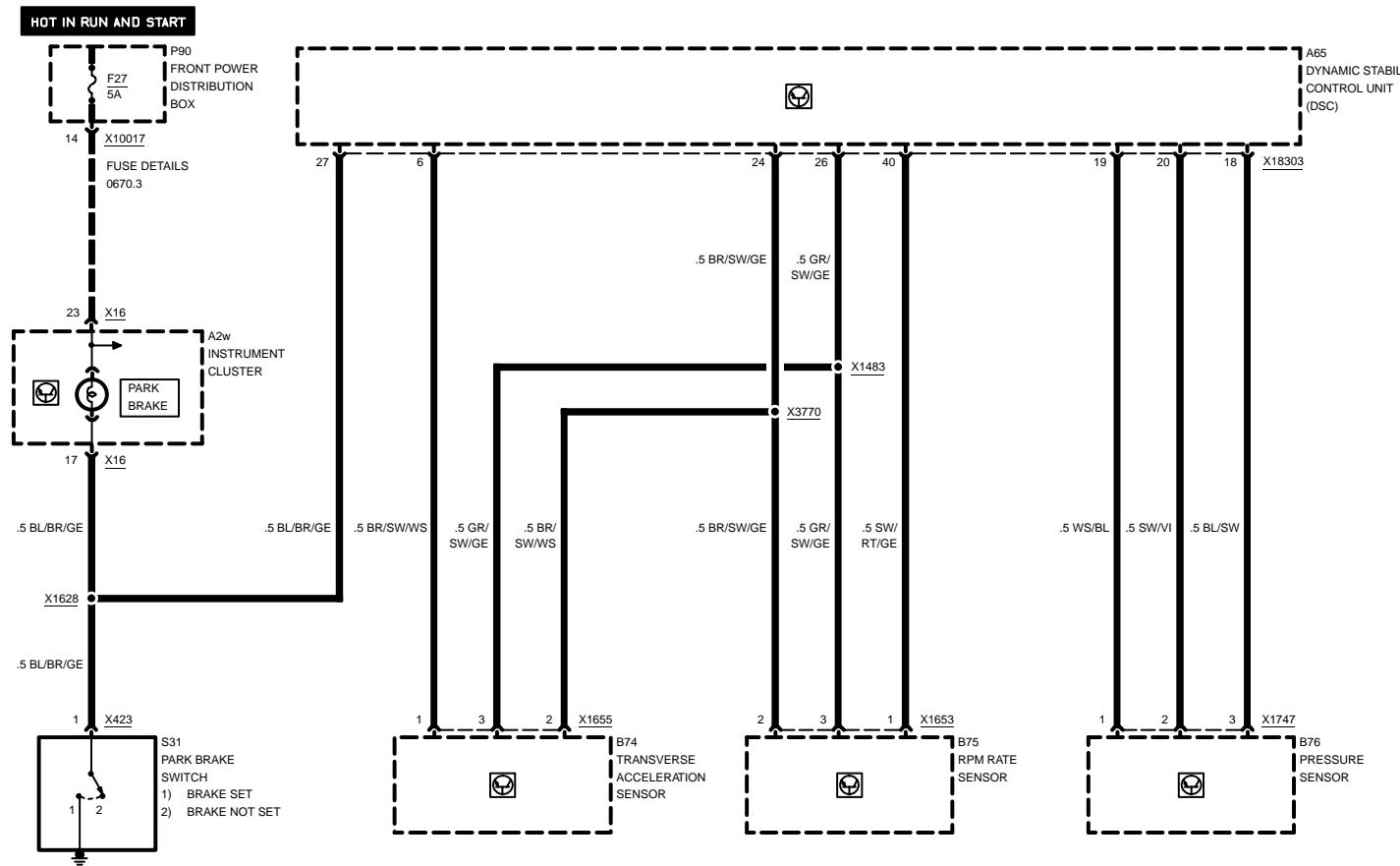
## DYNAMIC STABILITY CONTROL (DSC MK 60)

Z3 VERSIONS LATE PRODUCTION

01/01

3452.2-04

2001

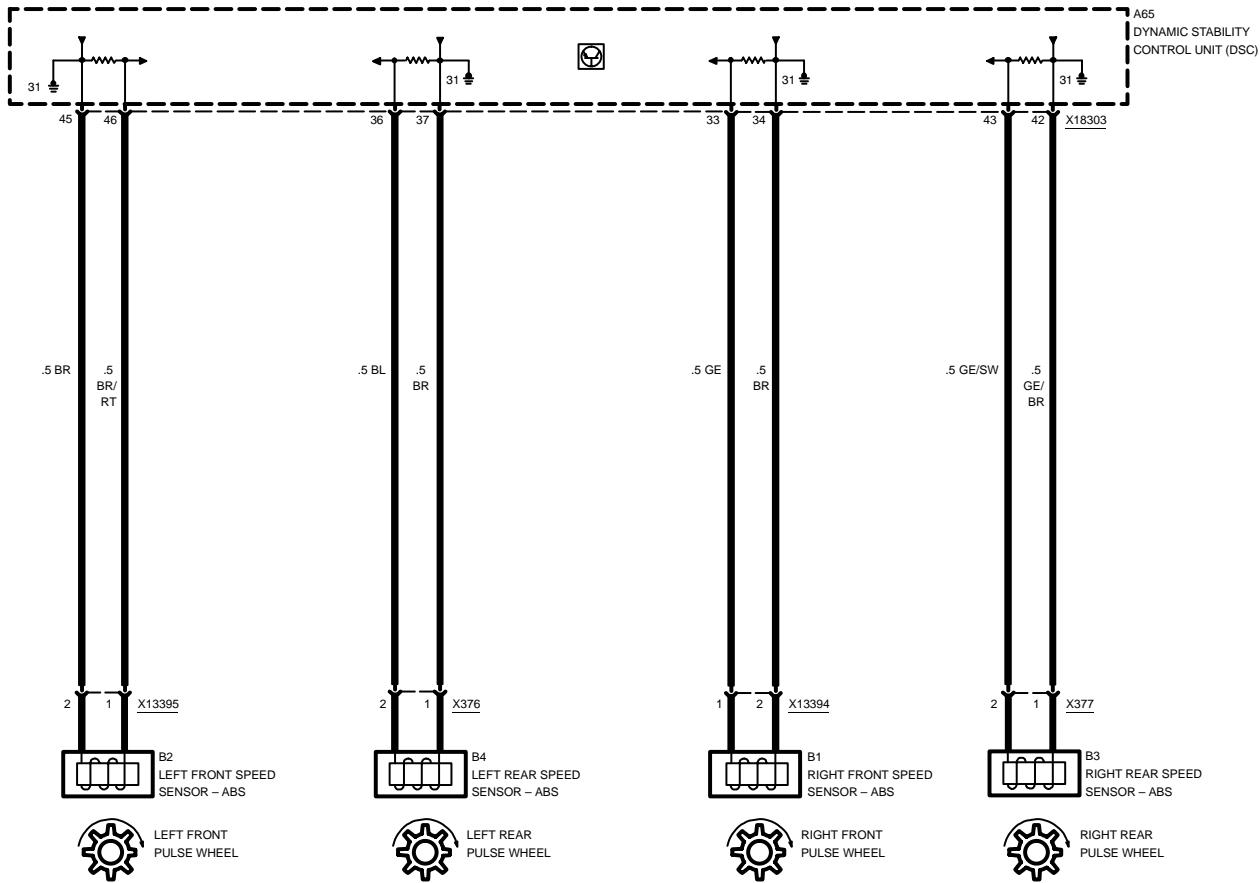


**DYNAMIC STABILITY CONTROL (DSC MK 60)****Z3 VERSIONS LATE PRODUCTION**

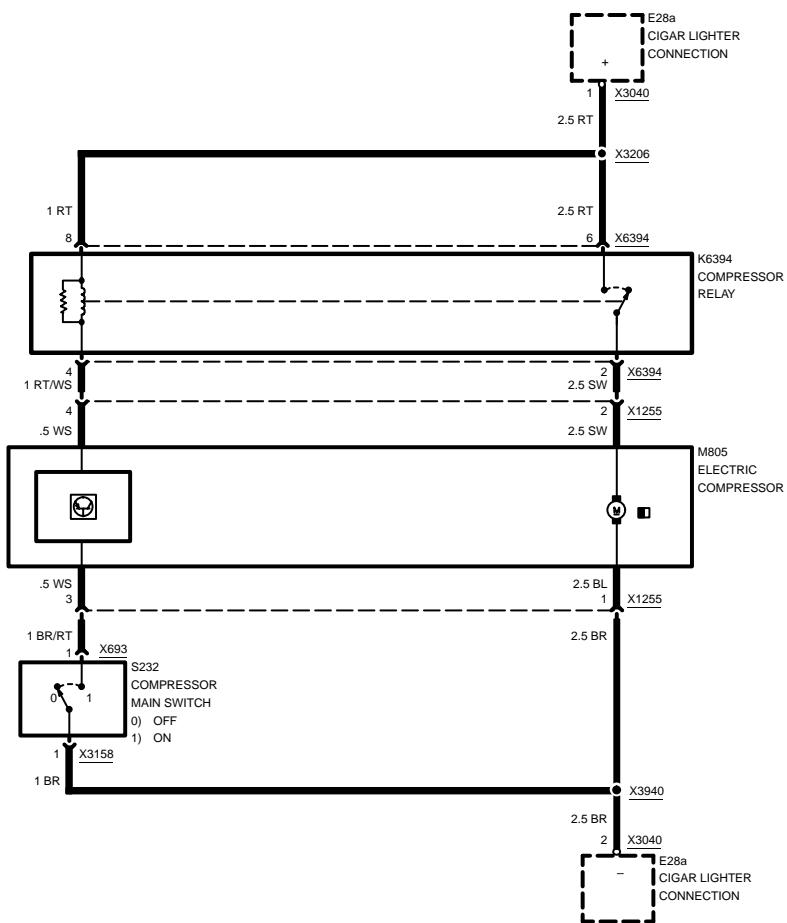
0/01

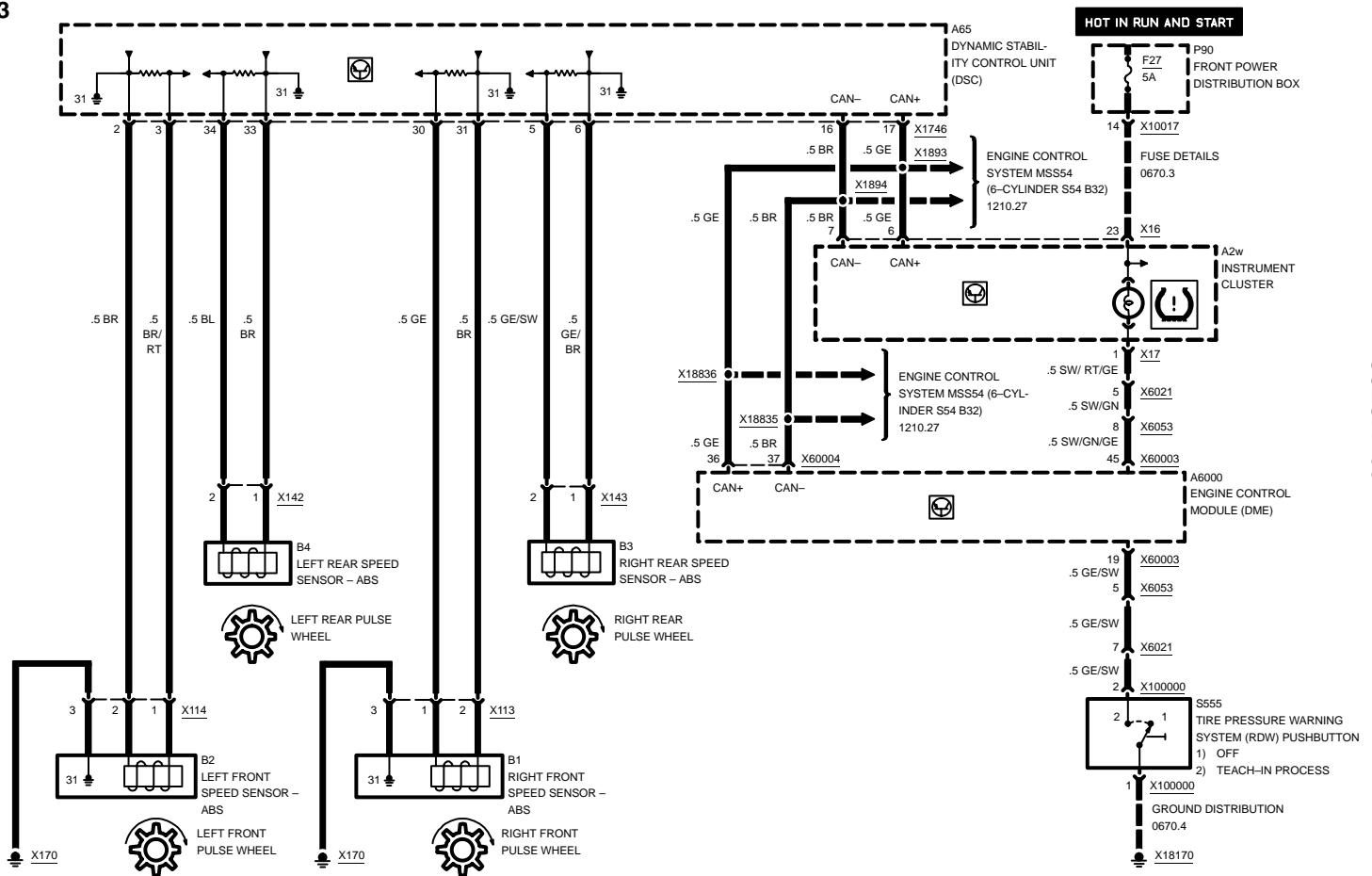
3452.2-05

2001



## 3614.0 TIRE INFLATION SYSTEM



**3623.1 TIRE PRESSURE WARNING SYSTEM (RDW)**

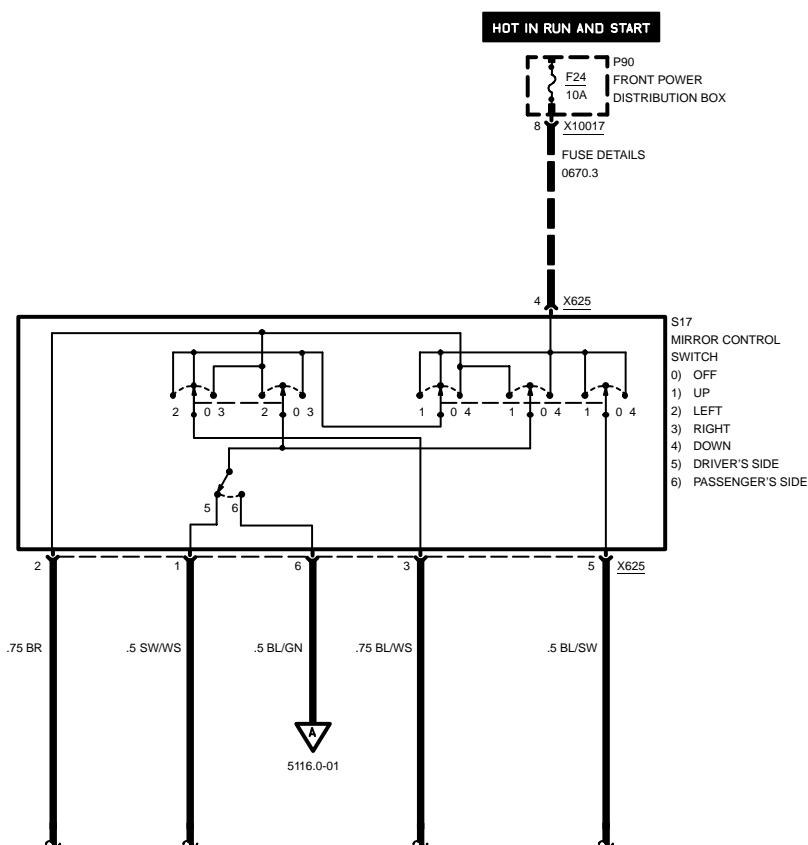
**BMW**  
**3**  
**Z3**

**5116.0 POWER MIRRORS**  
**OUTSIDE MIRROR**

06/00

5116.0-00

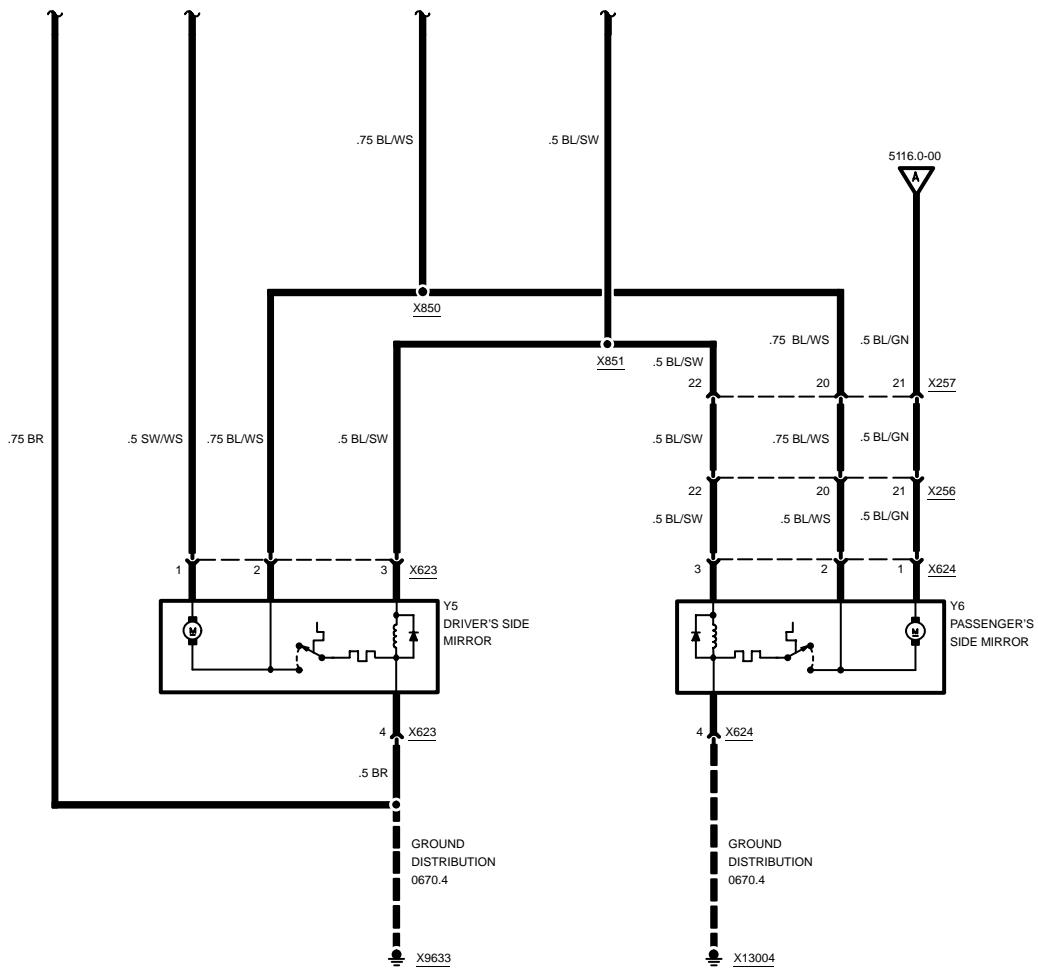
2001



06/00

5116.0-01

2001

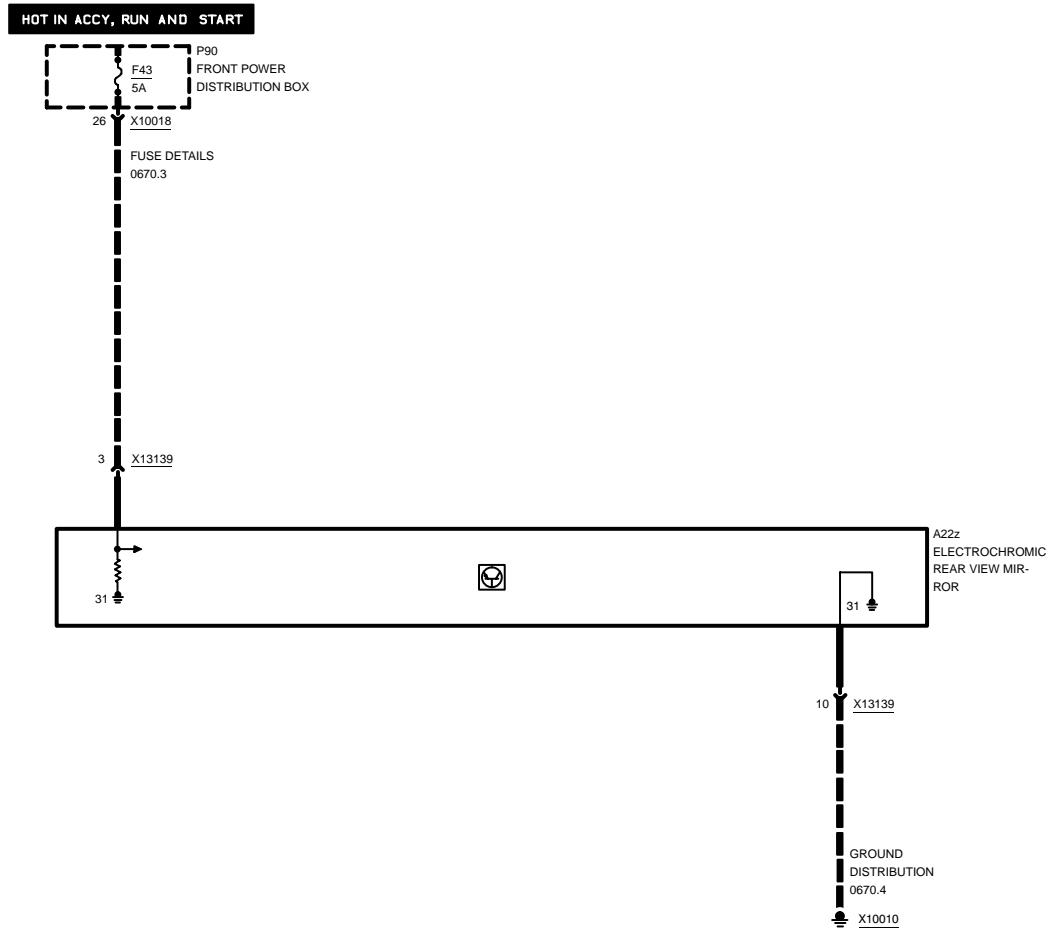




## POWER MIRRORS

### ELECTROCHROME REAR VIEW MIRROR

Z3



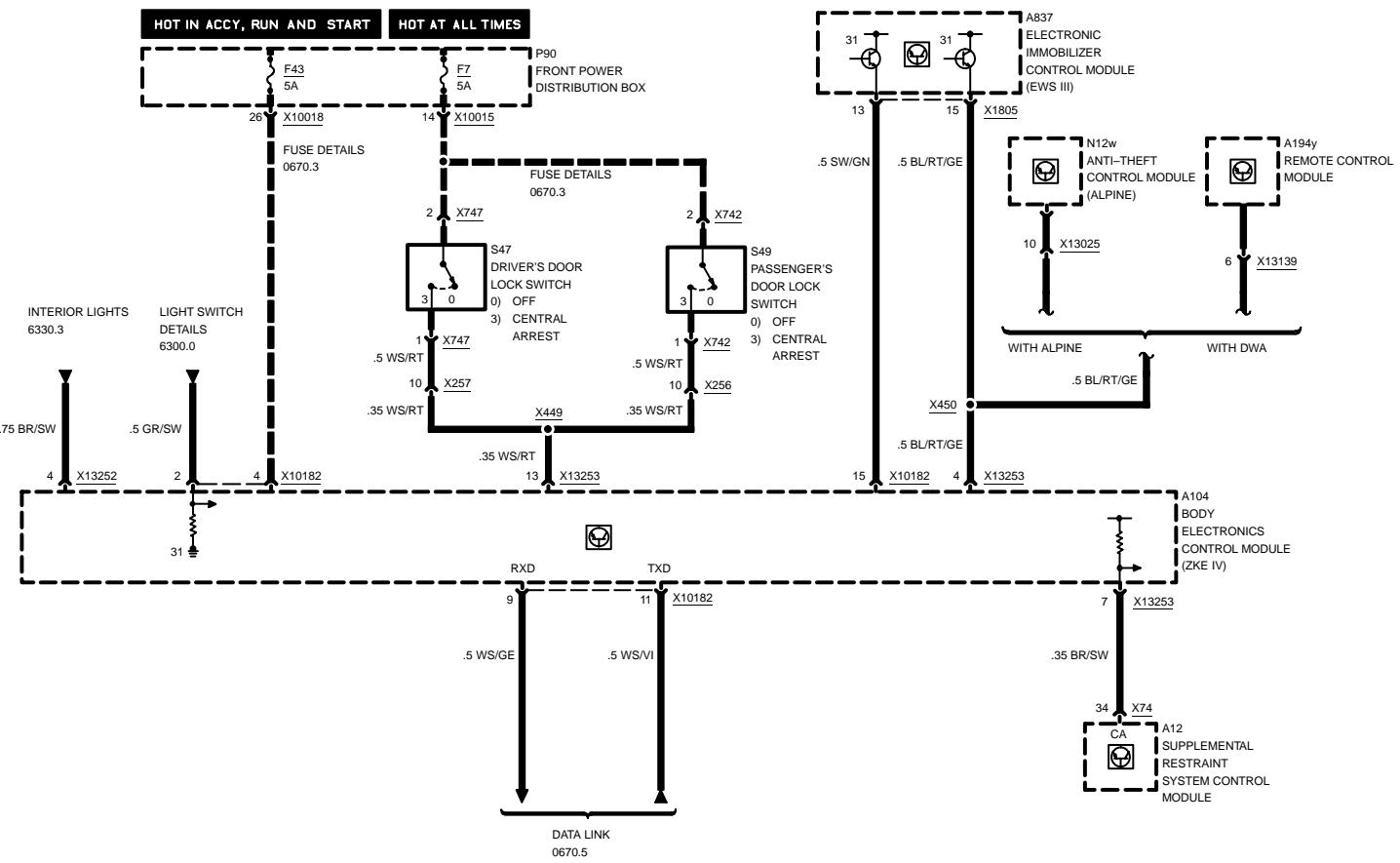
01/01

5116.0-02

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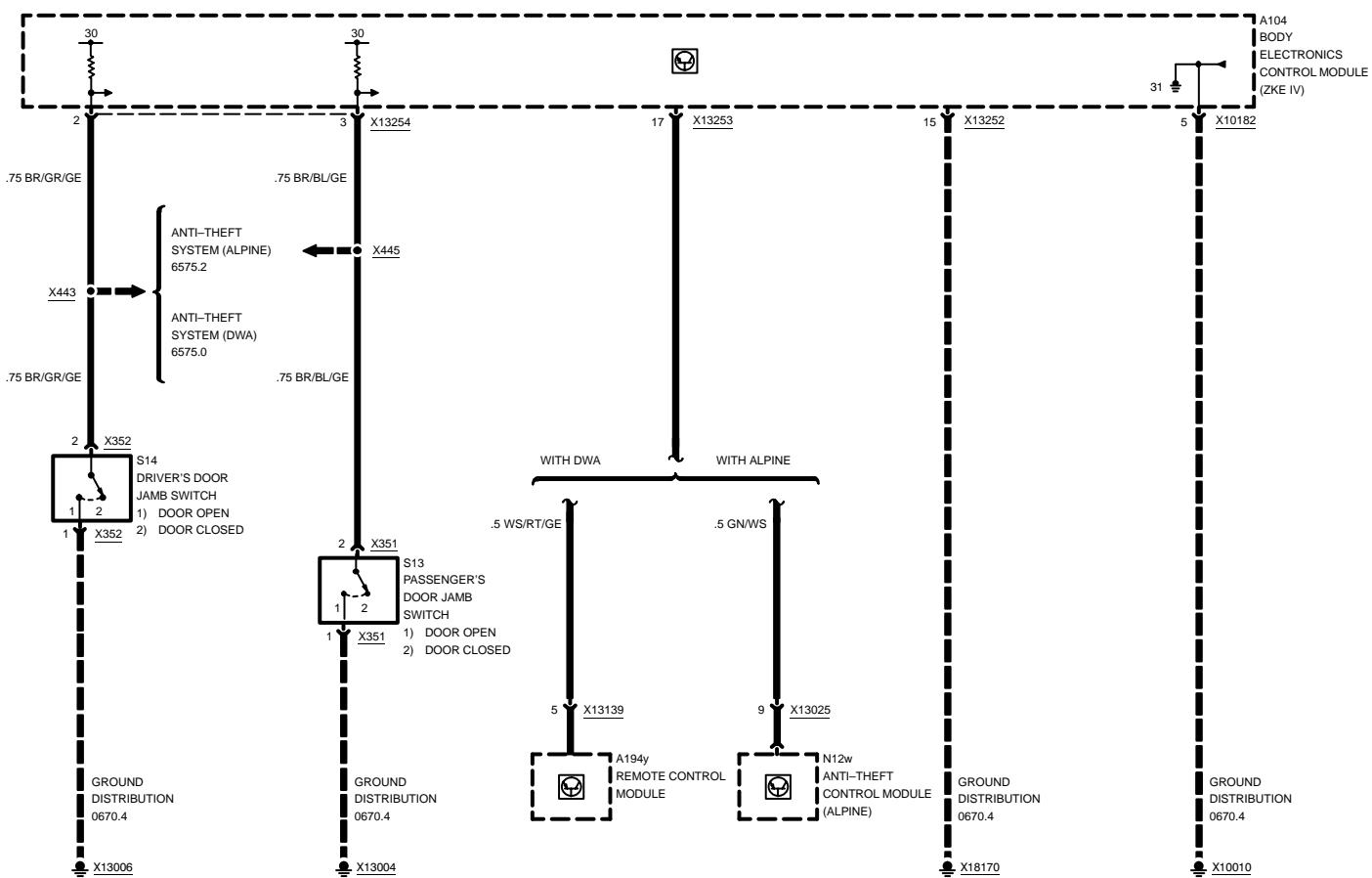
## 5126.0 ZKE CENTRAL LOCKING (ZV)

### INPUTS, DRIVE-AWAY PROTECTION



**BMW** **ZKE CENTRAL LOCKING (ZV)**  
**3** **INPUT DETAILS**

**Z3**



01/01

5126.0-01

2001



## ZKE CENTRAL LOCKING (ZV)

### OUTPUT DETAILS

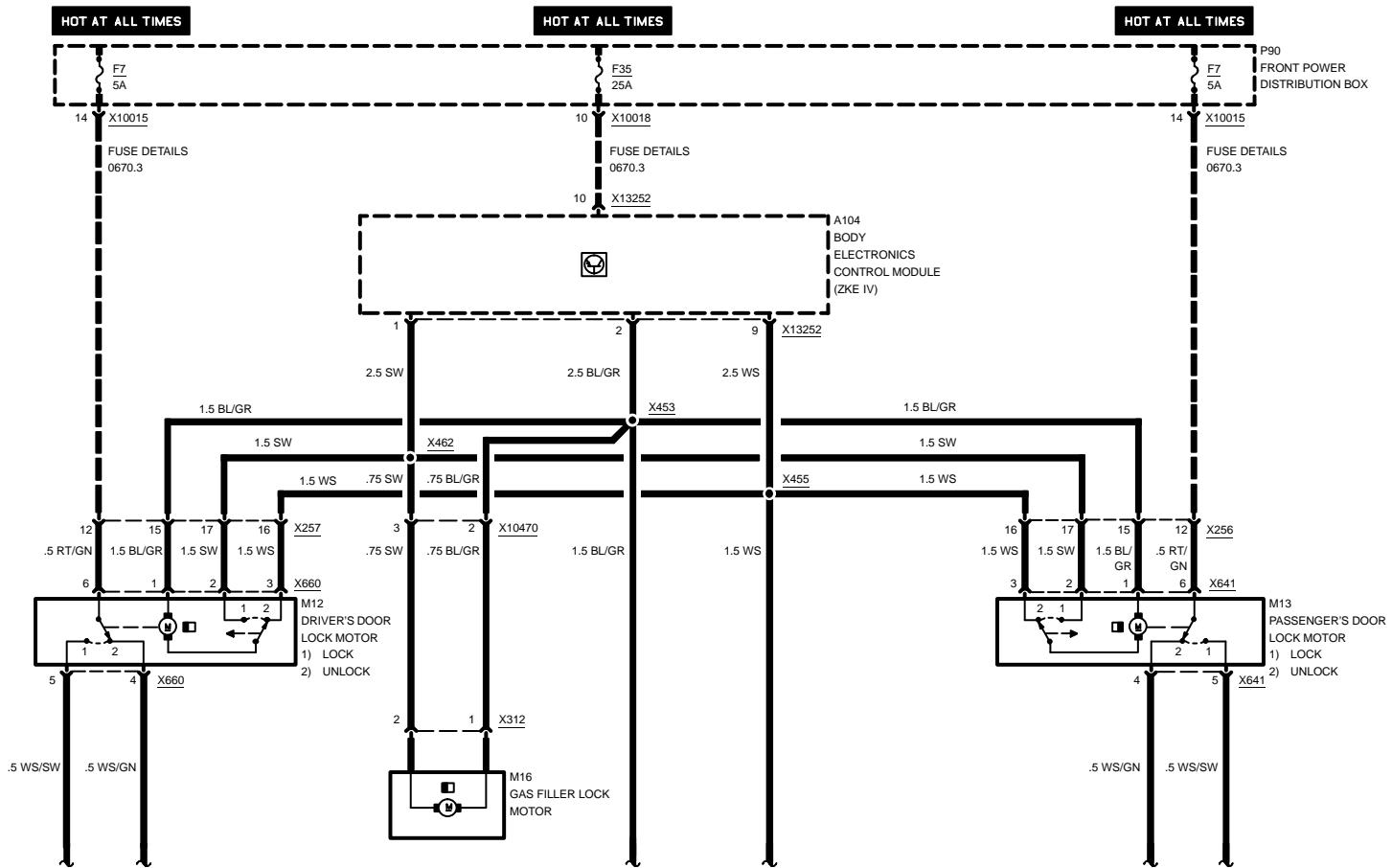
Z3

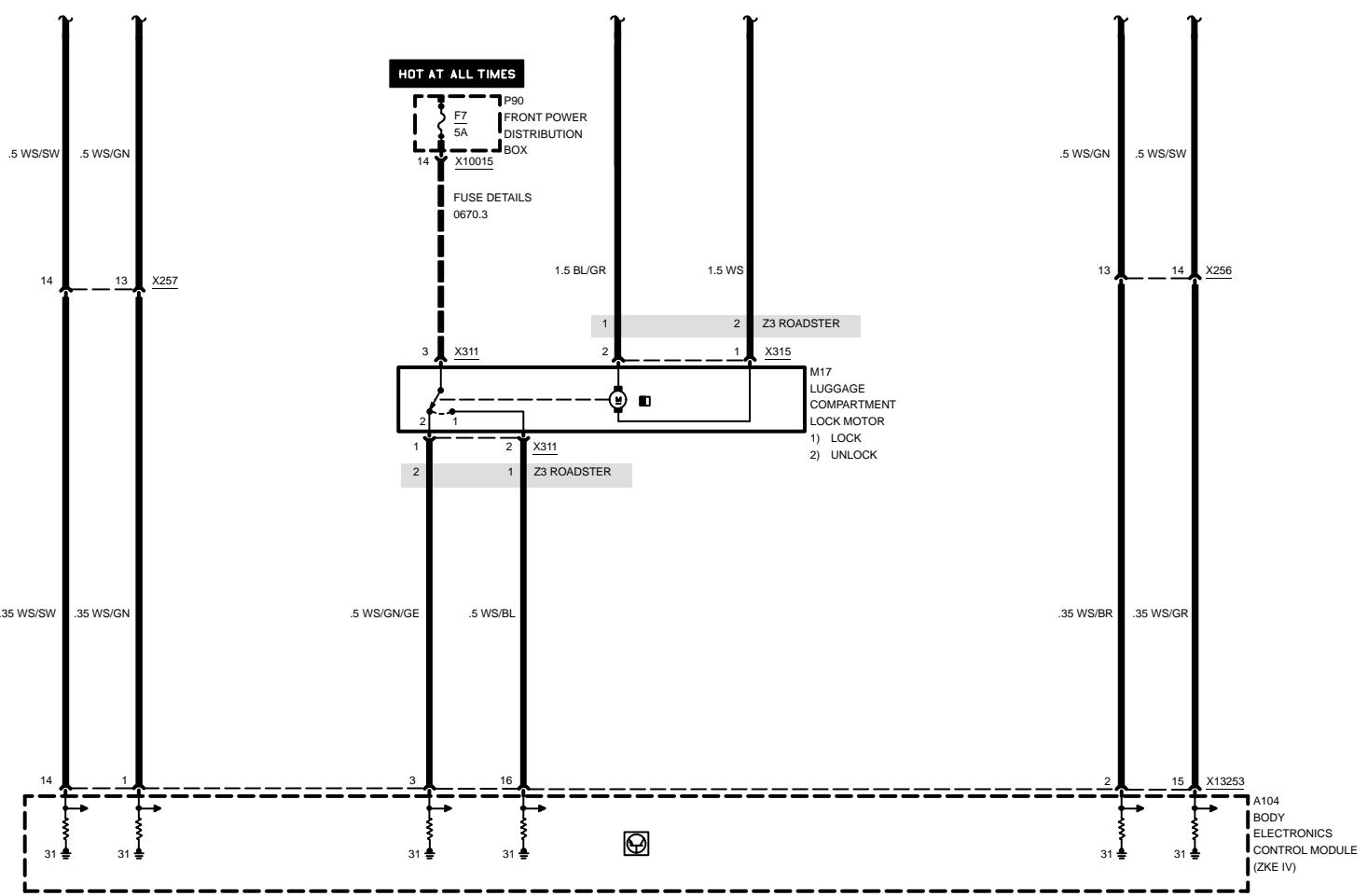
Z3 VERSIONS AND M ROADSTER

01/01

5126.0-02

2001





**BMW**  
**3**  
Z3

## ZKE CENTRAL LOCKING (ZV)

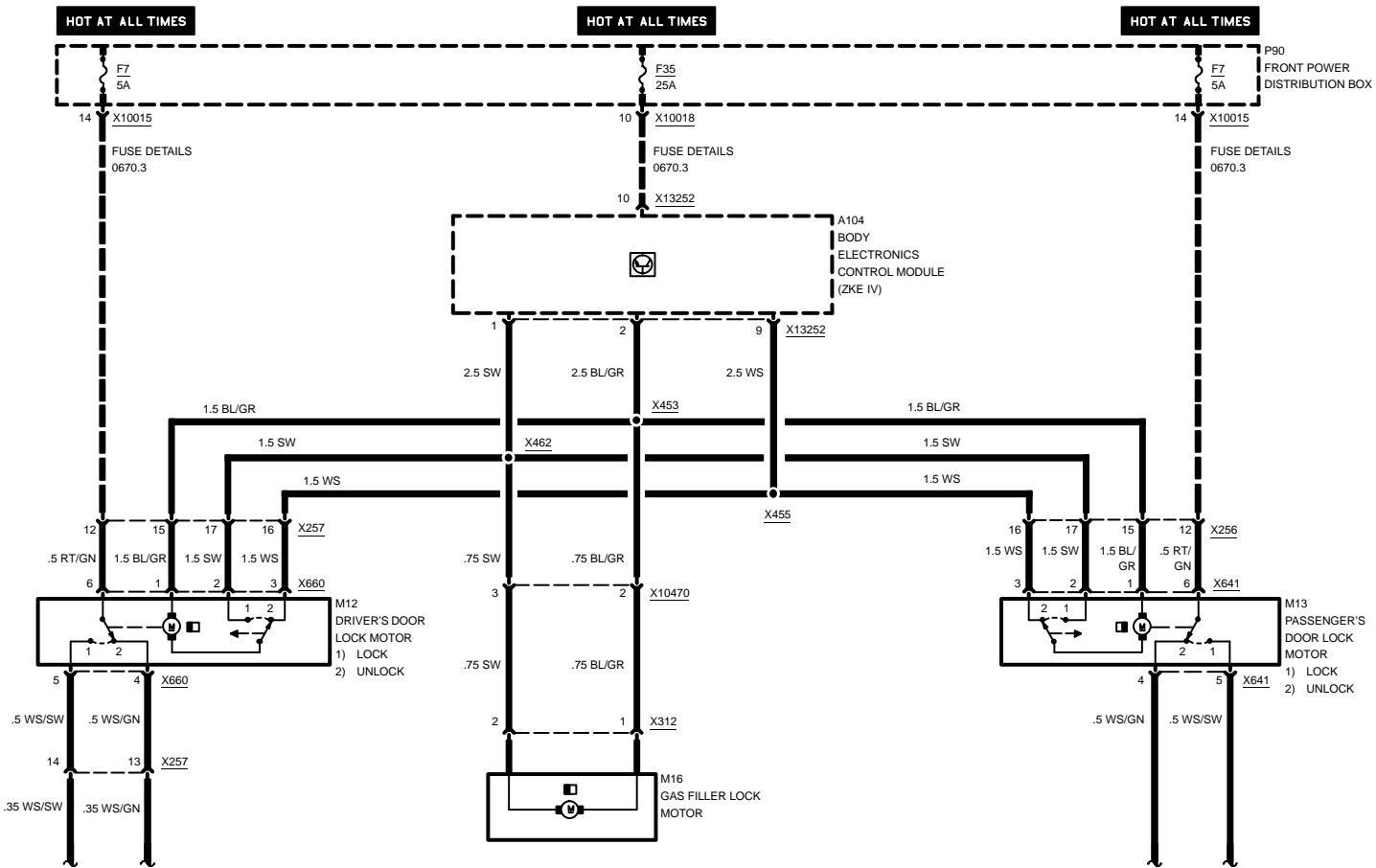
### OUTPUT DETAILS

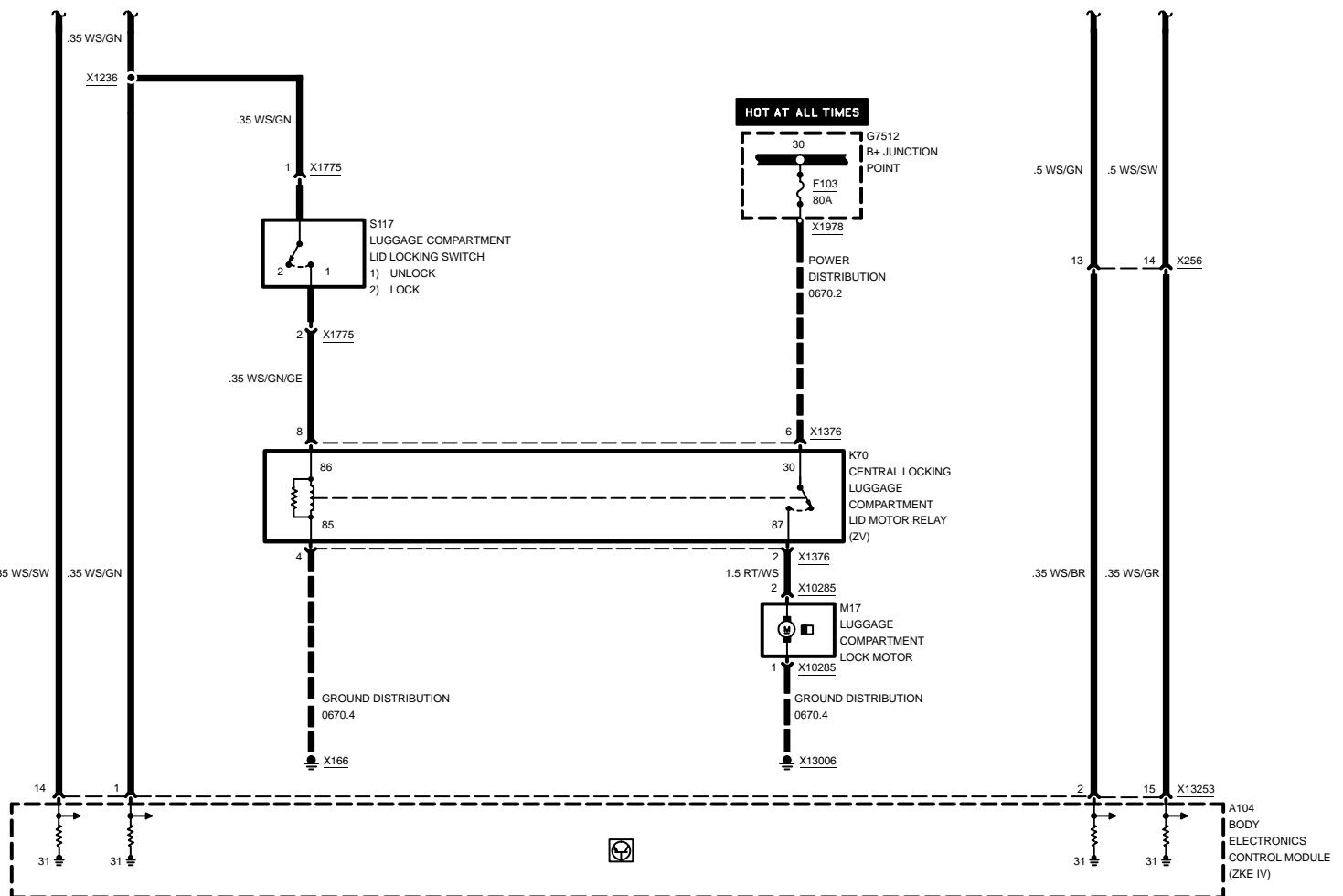
M COUPE

01/01

5126.0-04

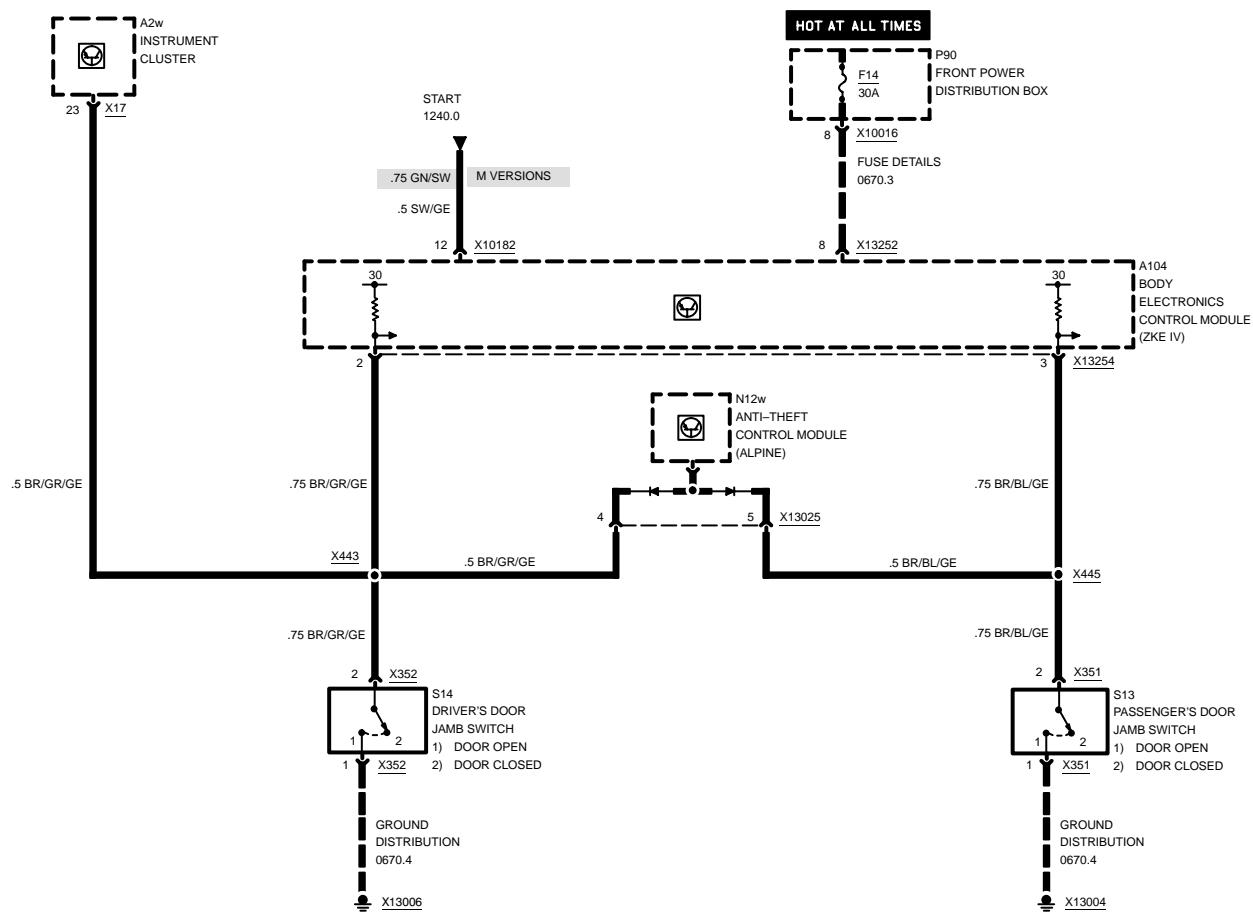
2001





## 5133.0 ZKE POWER WINDOWS (FH)

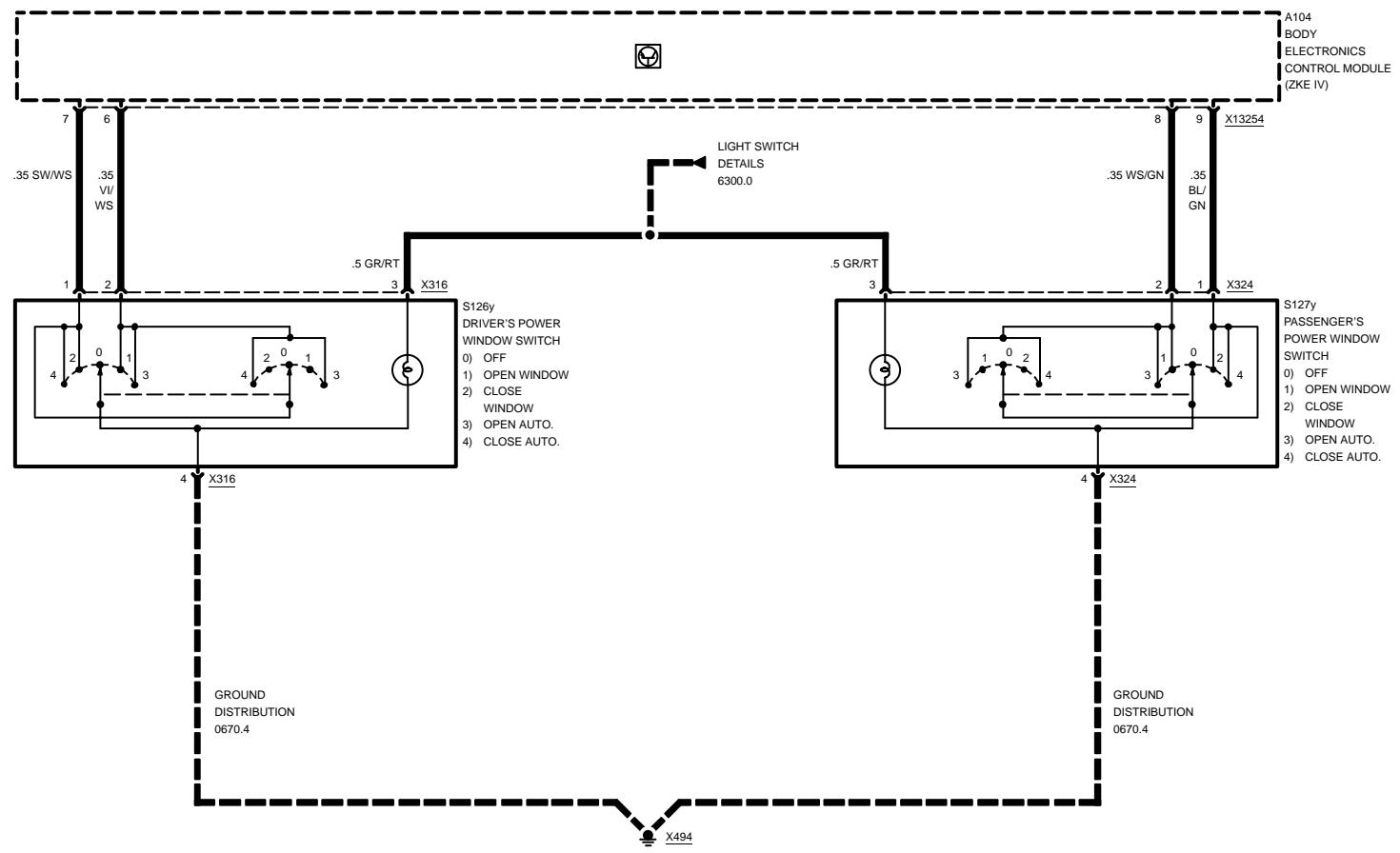
### INPUT DETAILS



**BMW** **ZKE POWER WINDOWS (FH)**

**3 INPUT DETAILS**

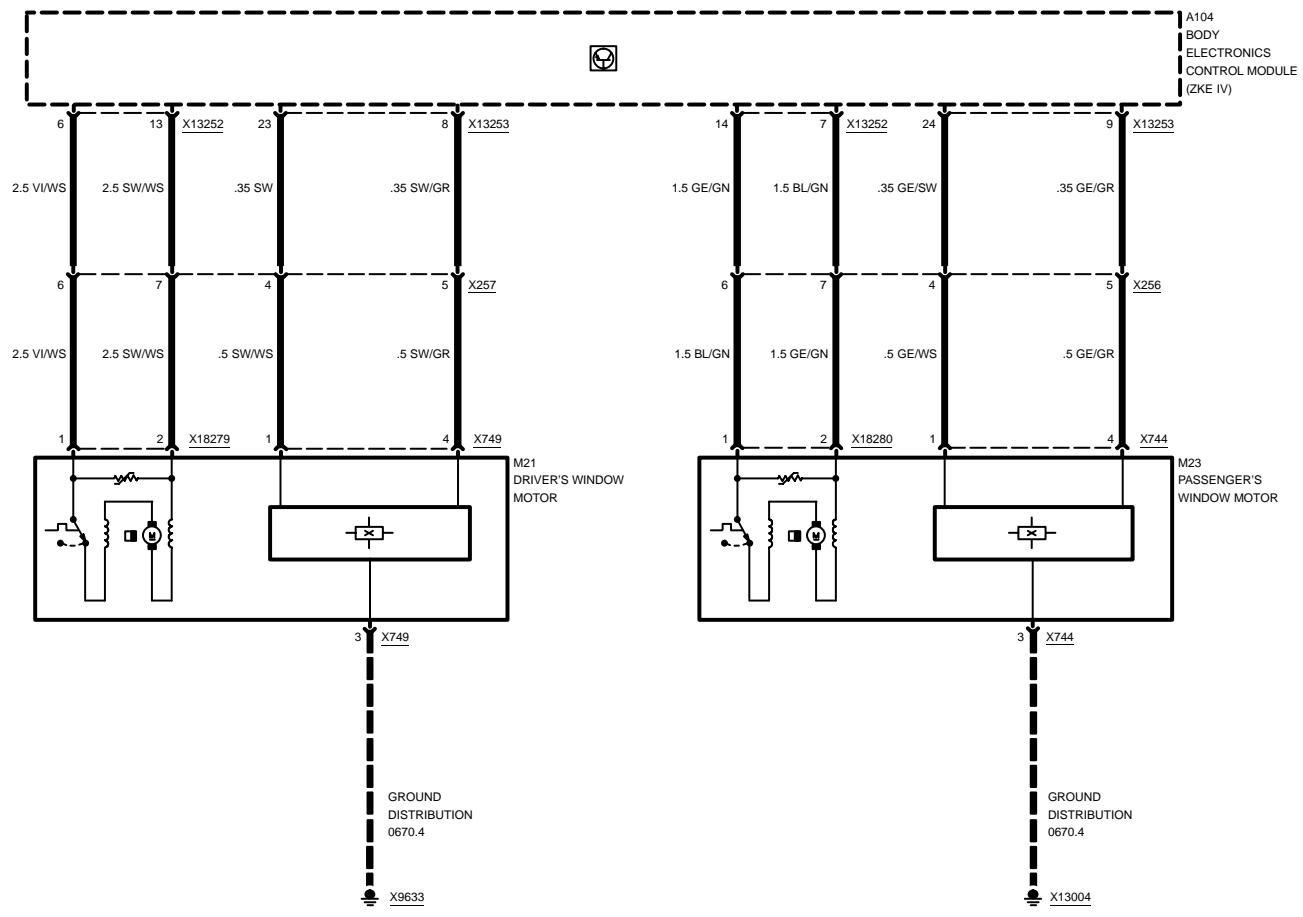
**Z3**



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5133.0-01

2001



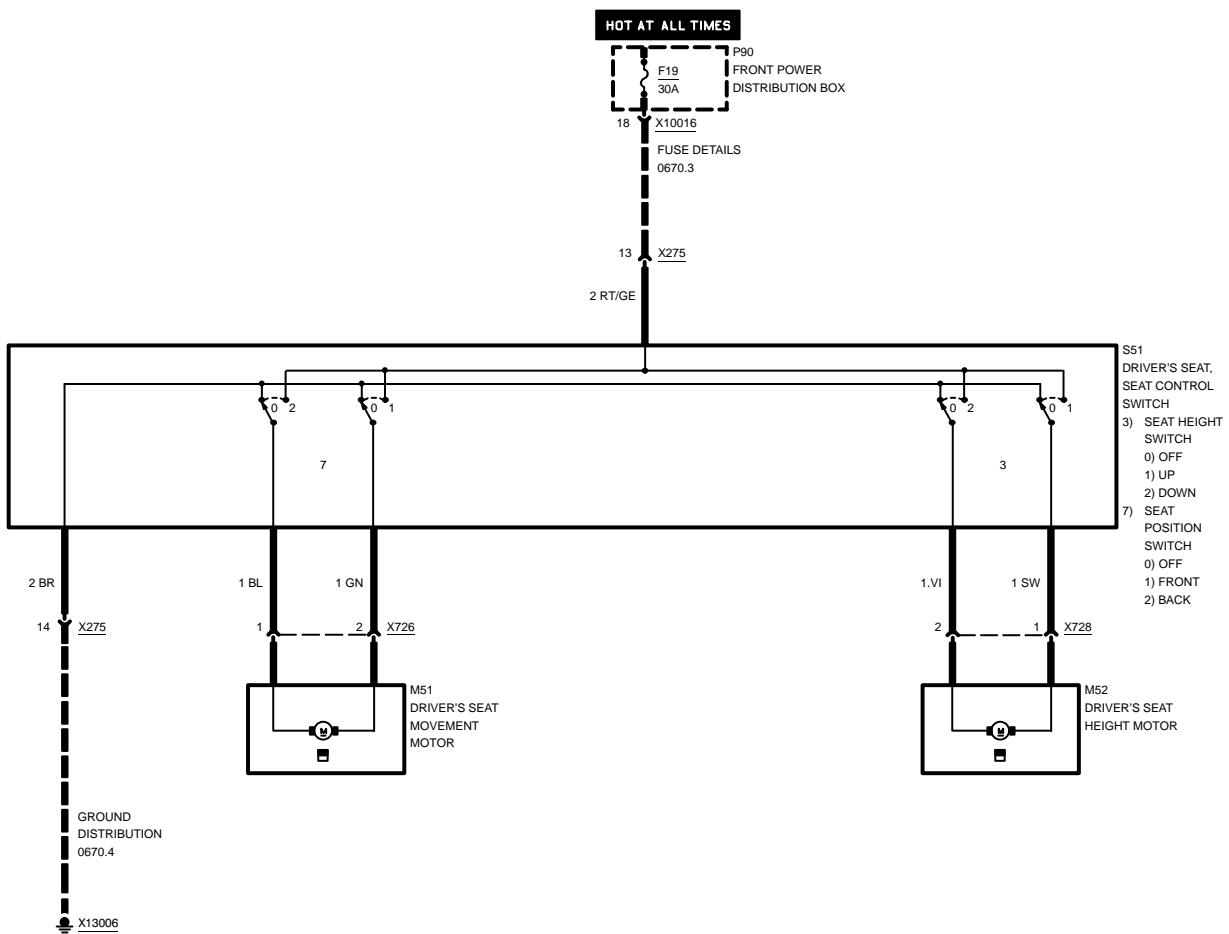
**BMW**  
**3**  
**Z3**

**5200.0 POWER SEATS**  
**DRIVER'S SEAT**

06/00

5200.0-00

2001

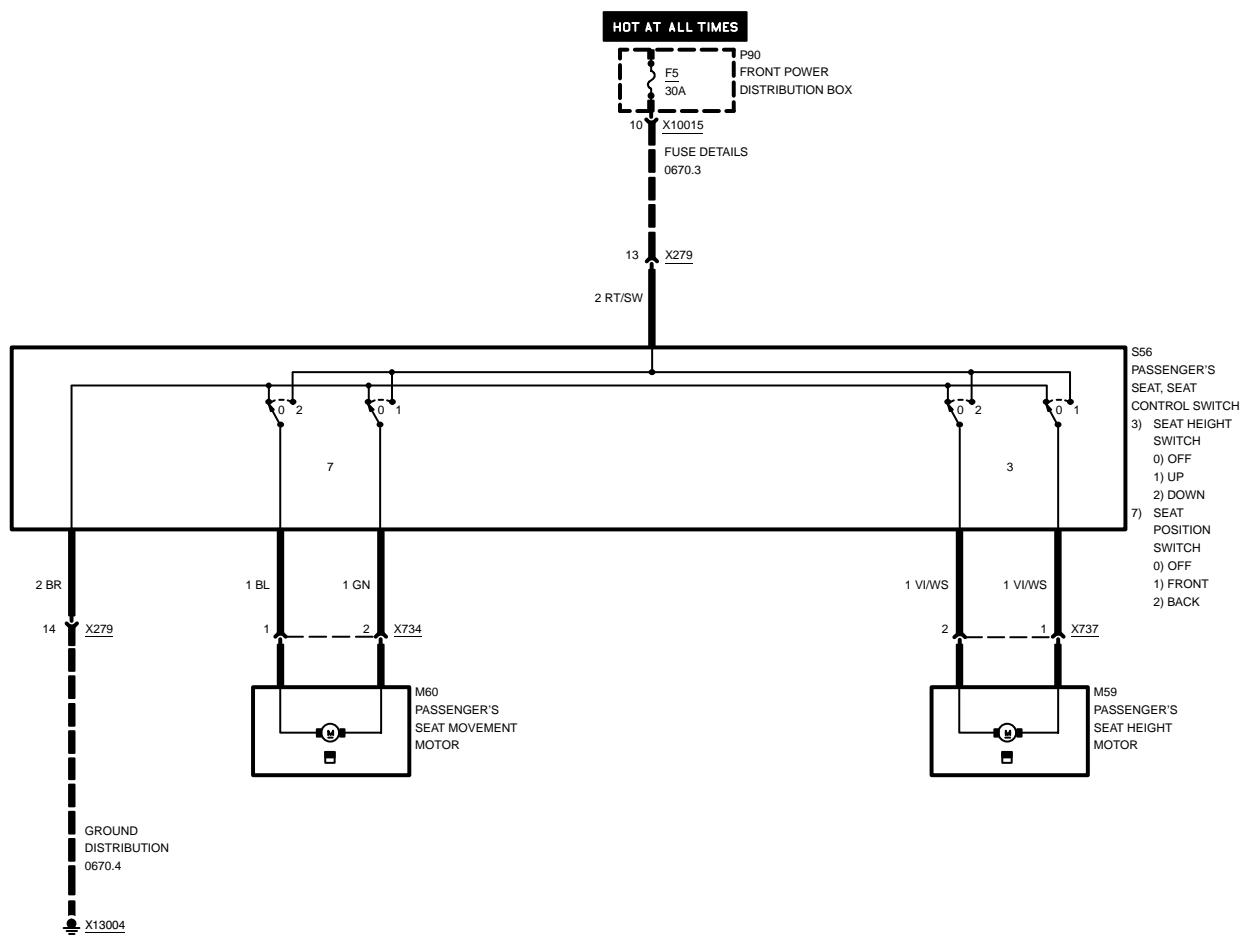


**BMW**  
**3**  
**PASSENGER'S SEAT**  
**Z3**

06/00

5200.0-01

2001



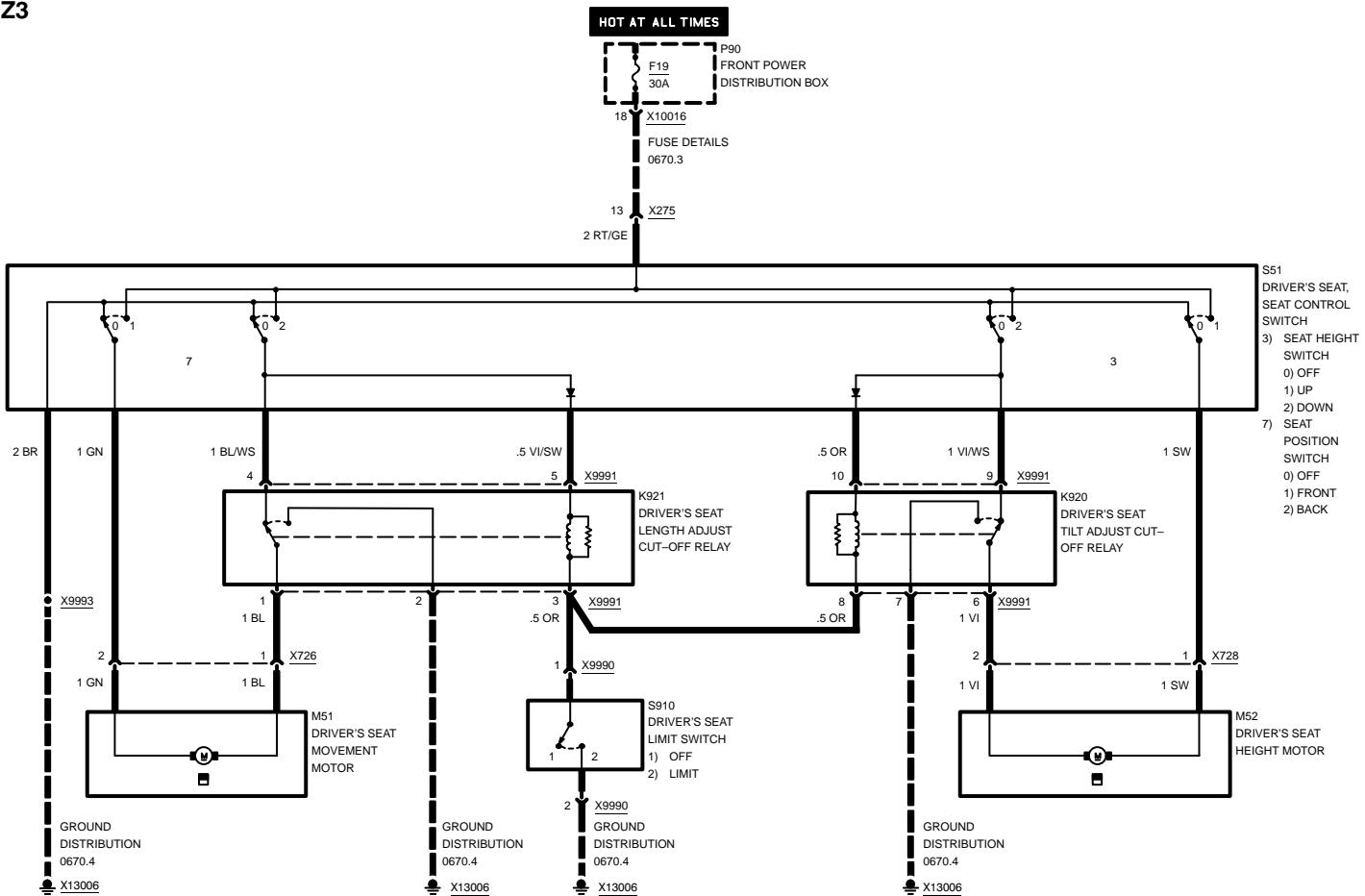
**BMW**  
**3**  
**POWER SEATS**  
**DRIVER'S SEAT**  
**Z3**

**SPORT SEATS**

06/00

5200.0-02

2001



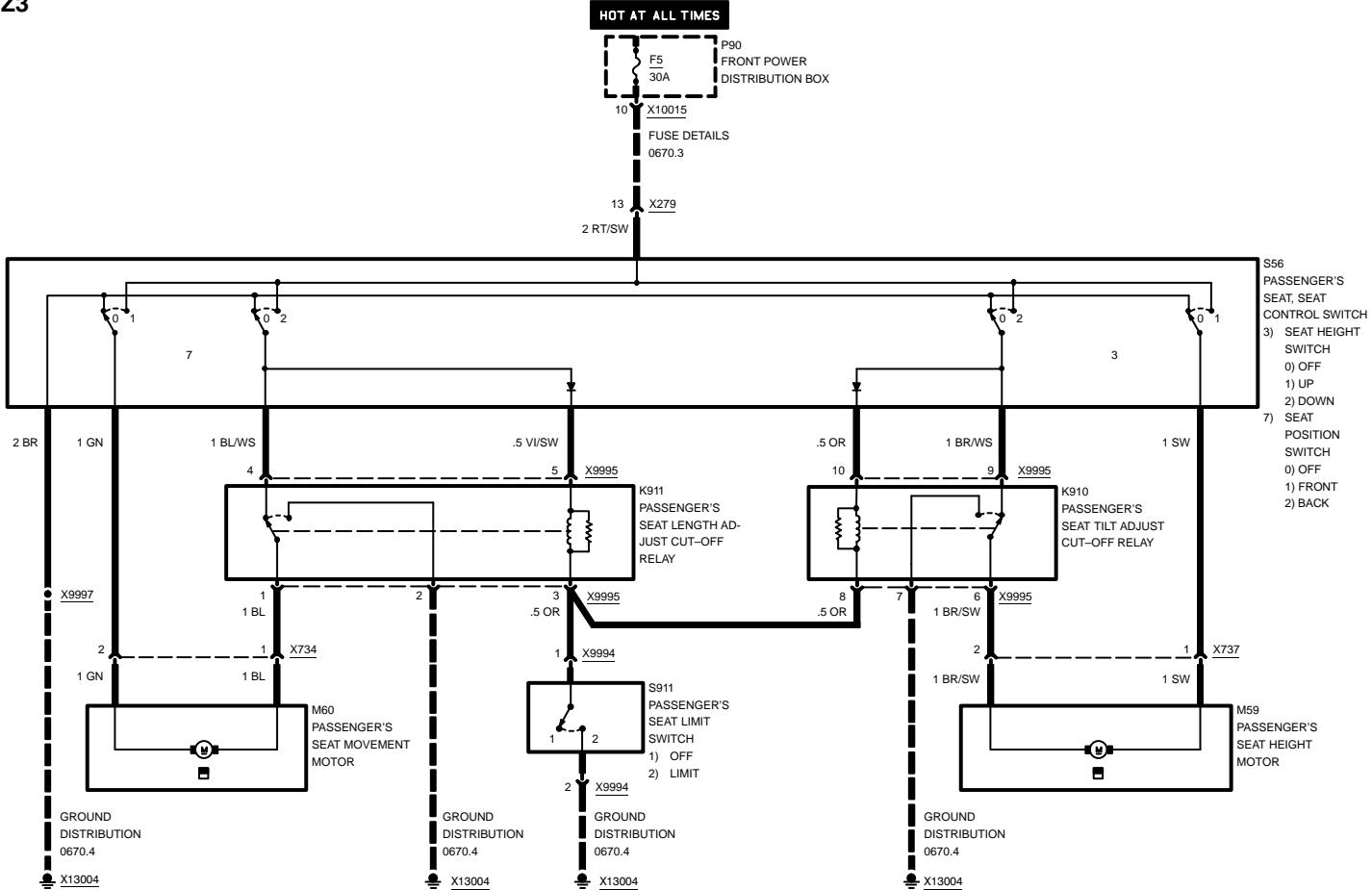
**BMW**  
**3**  
**PASSENGER'S SEAT**  
**Z3**

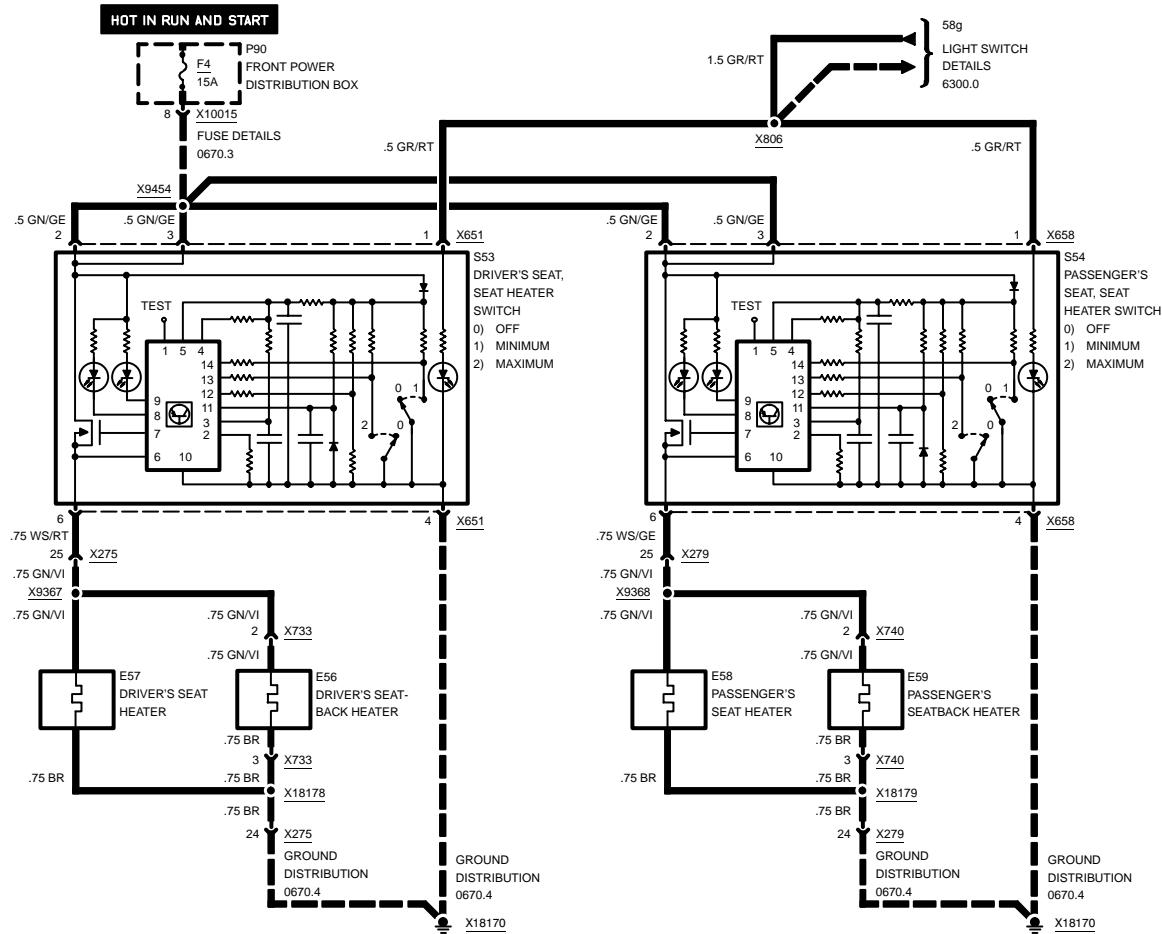
**SPORT SEATS**

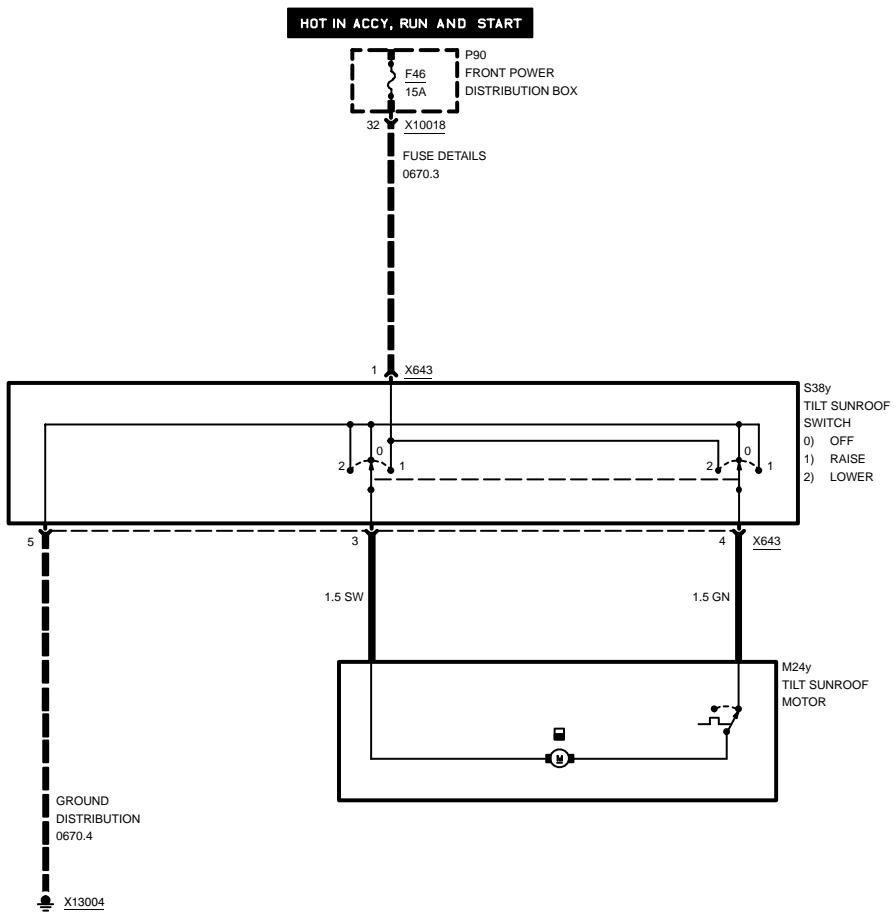
06/00

5200.0-03

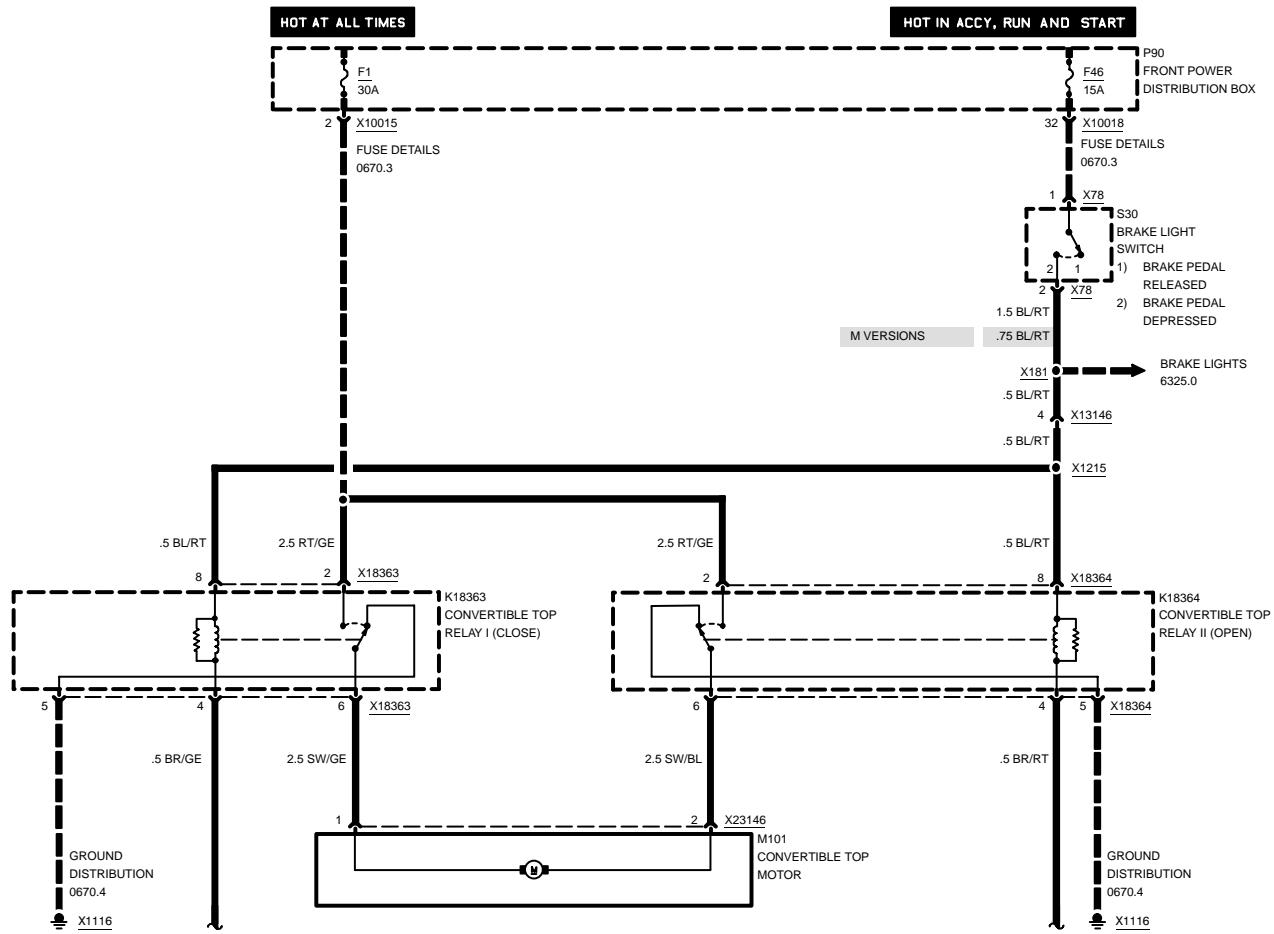
2001

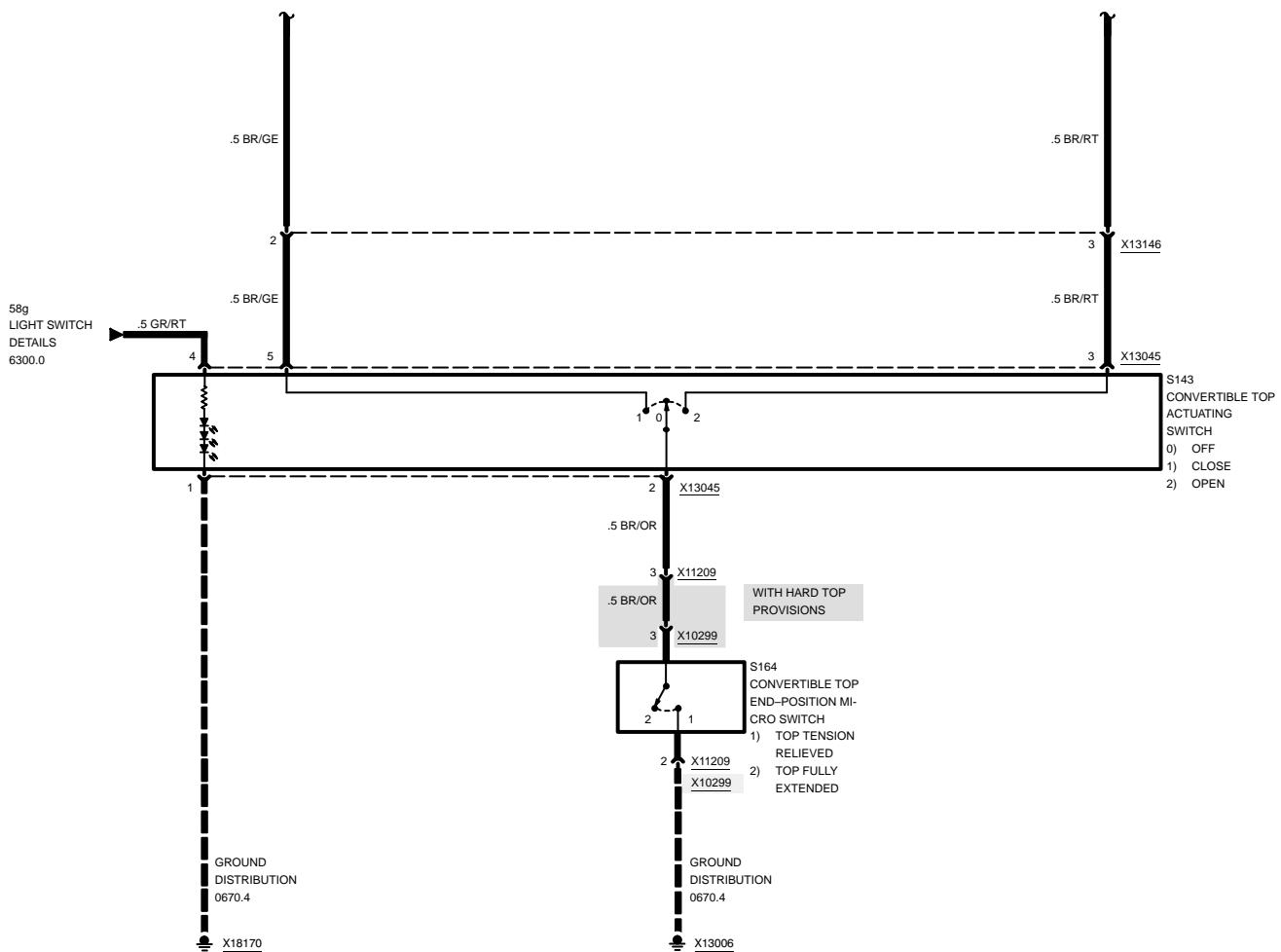


**5203.0 HEATED SEATS**

**5410.5 POWER TILT SUNROOF**

## 5430.2 ELECTRO-HYDRAULIC CONVERTIBLE TOP



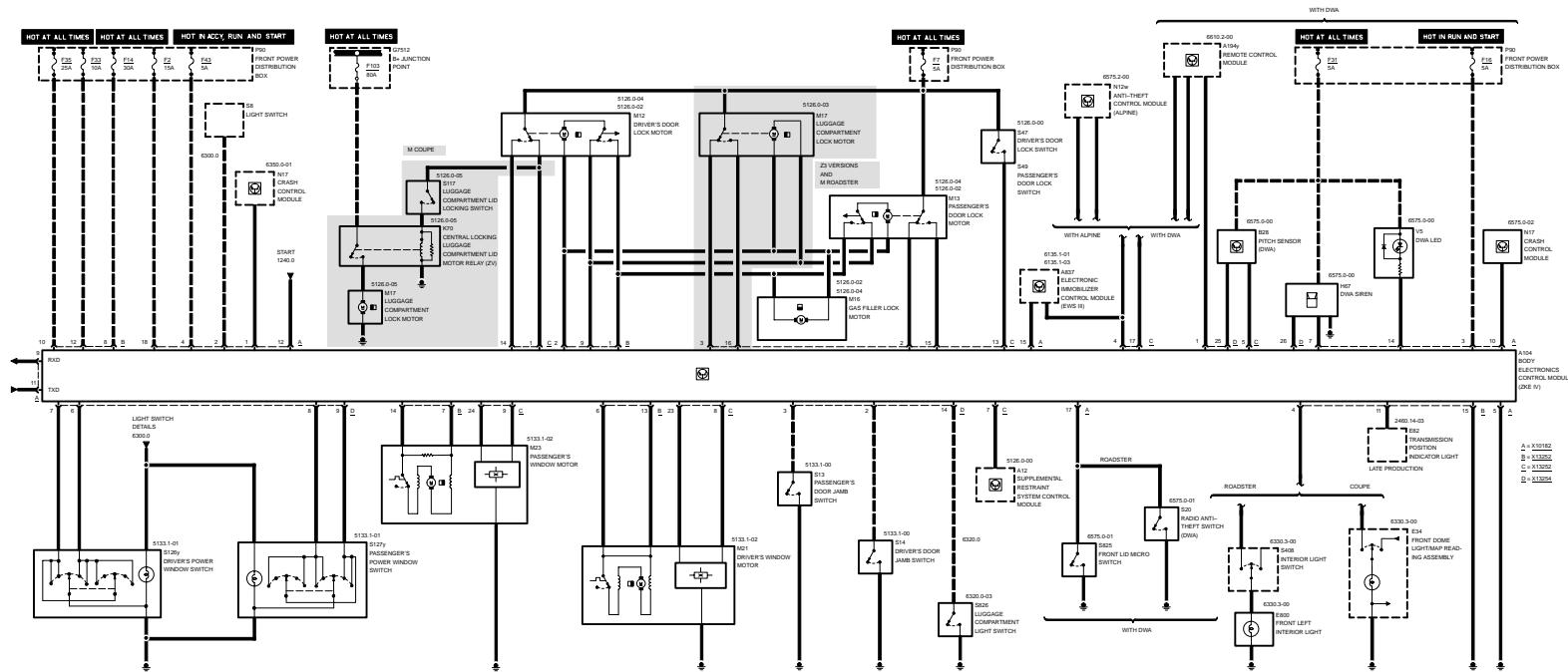


## 6100.0 CENTRAL BODY ELECTRONICS (ZKE IV)

01/01

6100.0

2001



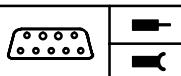


01/01

6100.0-a

2001

Z3



## Pin Assignments

N = X10182	18 Pins, black
O = X13252	15 Pins, black
P = X13253	26 Pins, yellow
Q = X13254	26 Pins, green

## X10182

Pin	Type	Description/Function	Connection
1	E	Crash signal	Crash control module
2	E	Light signal	Light switch
3	E	Power supply	Front power distribution box, fuse 16 (with DWA)
4	E	Power supply	Front power distribution box, fuse 43
5	M	Ground	Ground point
6		Not used	
7	A	Activate siren	DWA siren (with DWA)
8		Not used	
9	A	Diagnosis RxD signal	Data link connector
10	A	Optical alarm	Crash control module (with DWA)
11	E/A	Diagnosis TxD signal	Data link connector
12	E	Start signal	Starter (Z3 Versions) Ignition switch (M Versions)
13		Not used	
14	A	Activate LED	LED DWA (with DWA)
15	A	Drive-away protection	Electronic immobilizer control module (EWS III)
16		Not used	
17	E	DWA signal	Front lid micro/radio anti-theft switch (with DWA)
18	E	Power supply	Front power distribution box, fuse 2

E = Input, A = Output, M = Ground

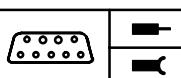


01/01

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Z3



## Pin Assignments

### X13252

Pin	Type	Description/Function	Connection
1	A	Central arrest signal	Lock motors
2	A	Unlock signal	Lock motors
3		Not used	
4	A	Automatic interior light signal	Interior light
5		Not used	
6	A	Voltage supply	Power window motor, driver's door
7	A	Voltage supply	Power window motor, passenger's door
8	E	Power supply	Front power distribution box, fuse 14
9	A	Lock signal	Lock motors
10	E	Power supply	Front power distribution box, fuse 35
11		Not used	
12	E	Power supply	Front power distribution box, fuse 33
13	E	Motor signal	Power window motor, driver's door
14	E	Motor signal	Power window motor, passenger's door
15	M	Ground	Ground point

### X13253

Pin	Type	Description/Function	Connection
1	E	Unlock signal	Door lock motor, driver's door
2	E	Unlock signal	Door lock motor, passenger's door
3	E	Unlock signal	Luggage compartment lock motor (not M Coupe)
4	E	Data signal	Anti-theft system control module (Alpine) Central locking remote control (with DWA)
5	E	Inclination signal	Pitch sensor (with DWA)
6		Not used	
7	E	Crash signal	Supplemental restraint system control module
8	E	Revolution signal	Power window motor, driver's door
9	E	Revolution signal	Power window motor, passenger's door

E = Input, A = Output, M = Ground

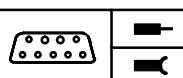


01/01

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2001

Z3



## Pin Assignments

Pin	Type	Description/Function	Connection
10		Not used	
11	A	Consumer cut-off signal	Transmission position indicator light (Late Production)
12		Not used	
13	E	Central arrest signal	Door lock switches
14	E	Lock signal, driver's door	Door lock motor, driver's door
15	E	Lock signal, passenger's door	Door lock motor, passenger's door
16	E	Lock signal, luggage compartment lid	Luggage compartment lock motor
17	E	Data signal	Anti-theft system control module (Alpine) Central locking remote control (with DWA)
18		Not used	
19		Not used	
20		Not used	
21		Not used	
22		Not used	
23	A	Plus supply (revolution)	Power window's motor, driver's side
24	A	Voltage supply (revolution)	Power window's motor, passenger's side
25		Not used	
26		Not used	

## X13254

Pin	Type	Description/Function	Connection
1	E	Remote control signal	Central locking remote control (with DWA)
2	E	Door signal	Door jamb switch, driver's door
3	E	Door signal	Door jamb switch, passenger's door
4		Not used	
5		Not used	
6	E	OPEN signal	Power window switch, driver's door
7	E	CLOSE signal	Power window switch, driver's door
8	E	OPEN signal	Power window switch, passenger's door
9	E	CLOSE signal	Power window switch, passenger's door
10		Not used	

E = Input, A = Output, M = Ground

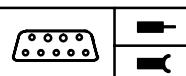


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6100.0-d

2001

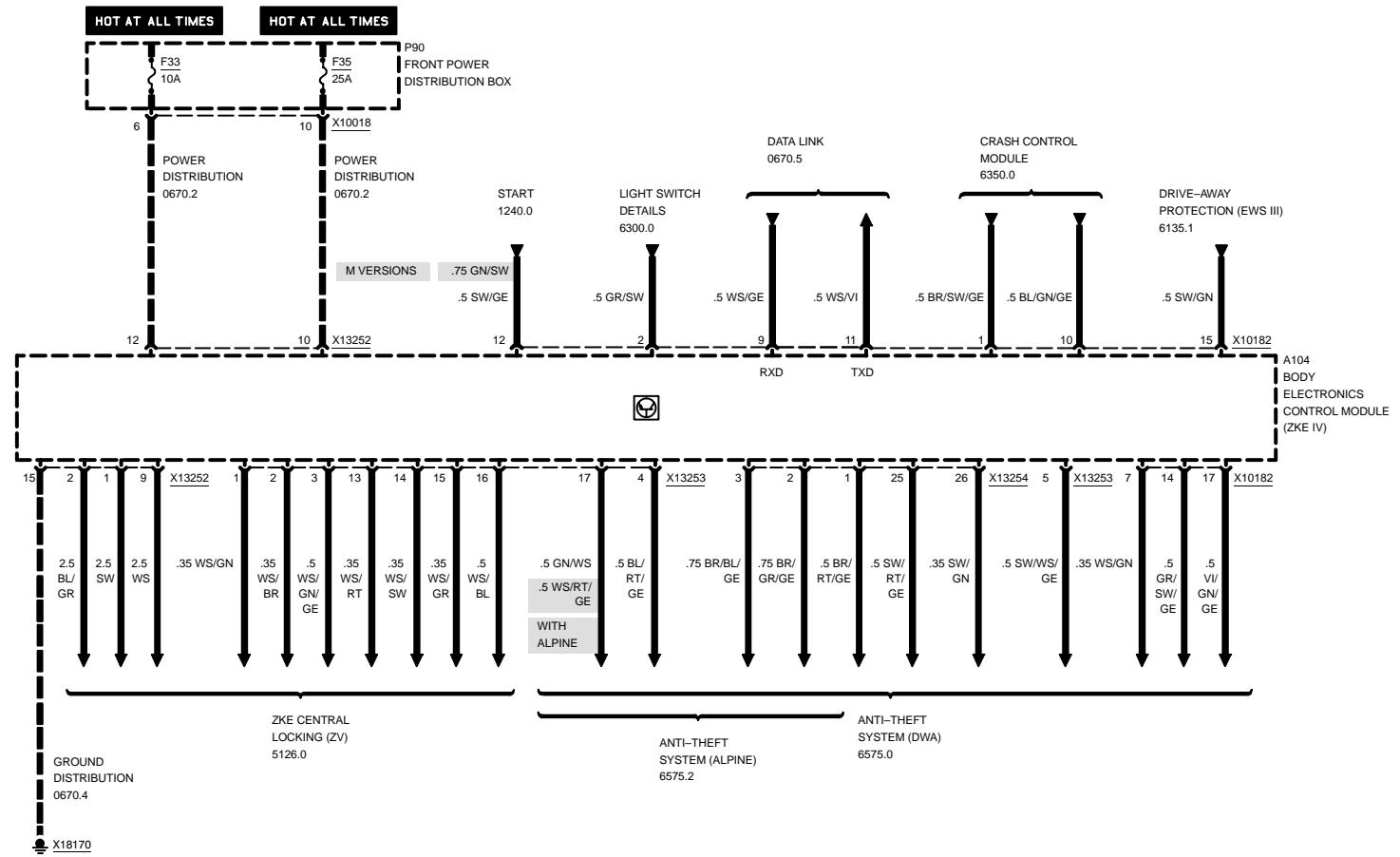
Z3



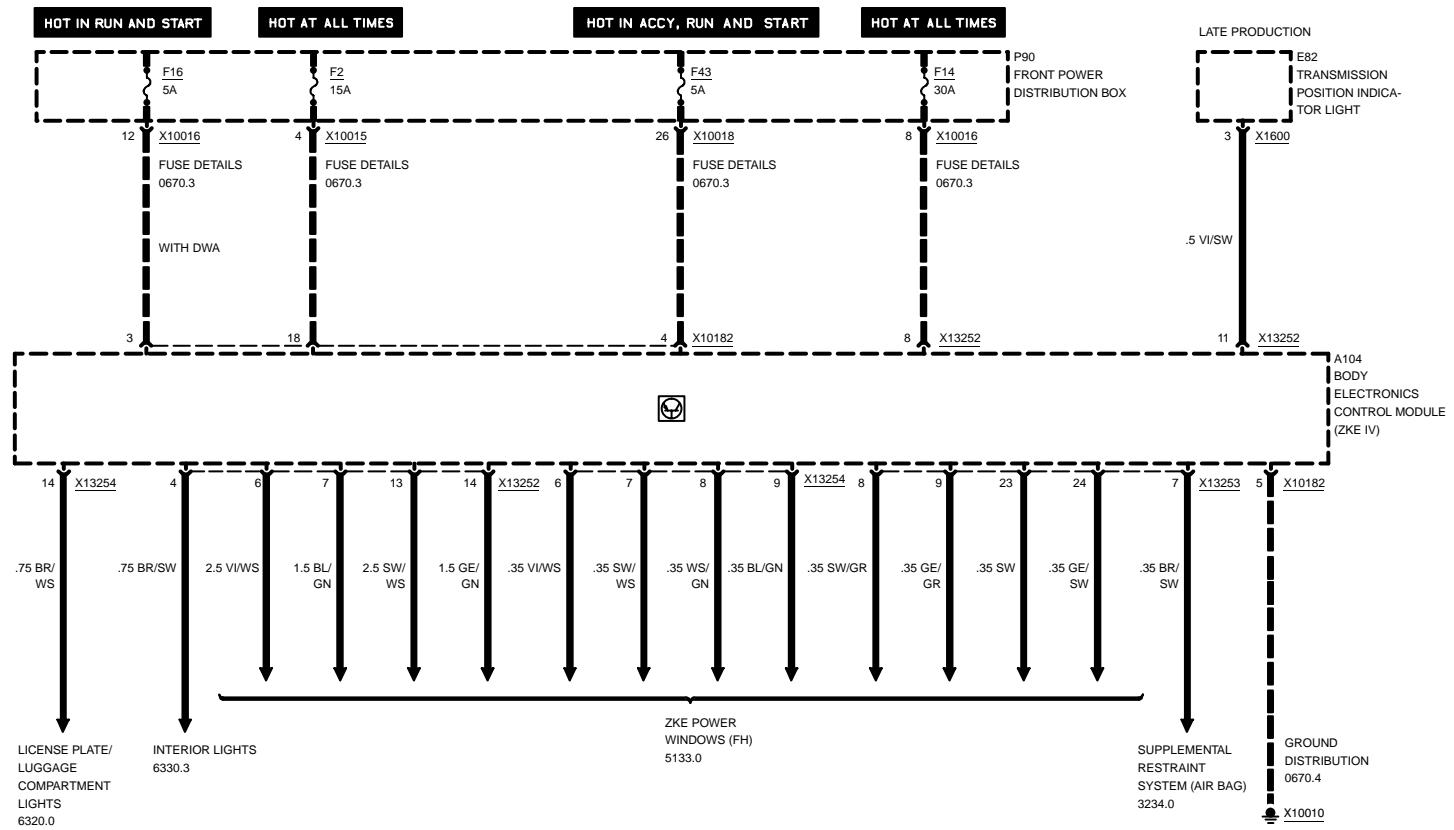
## Pin Assignments

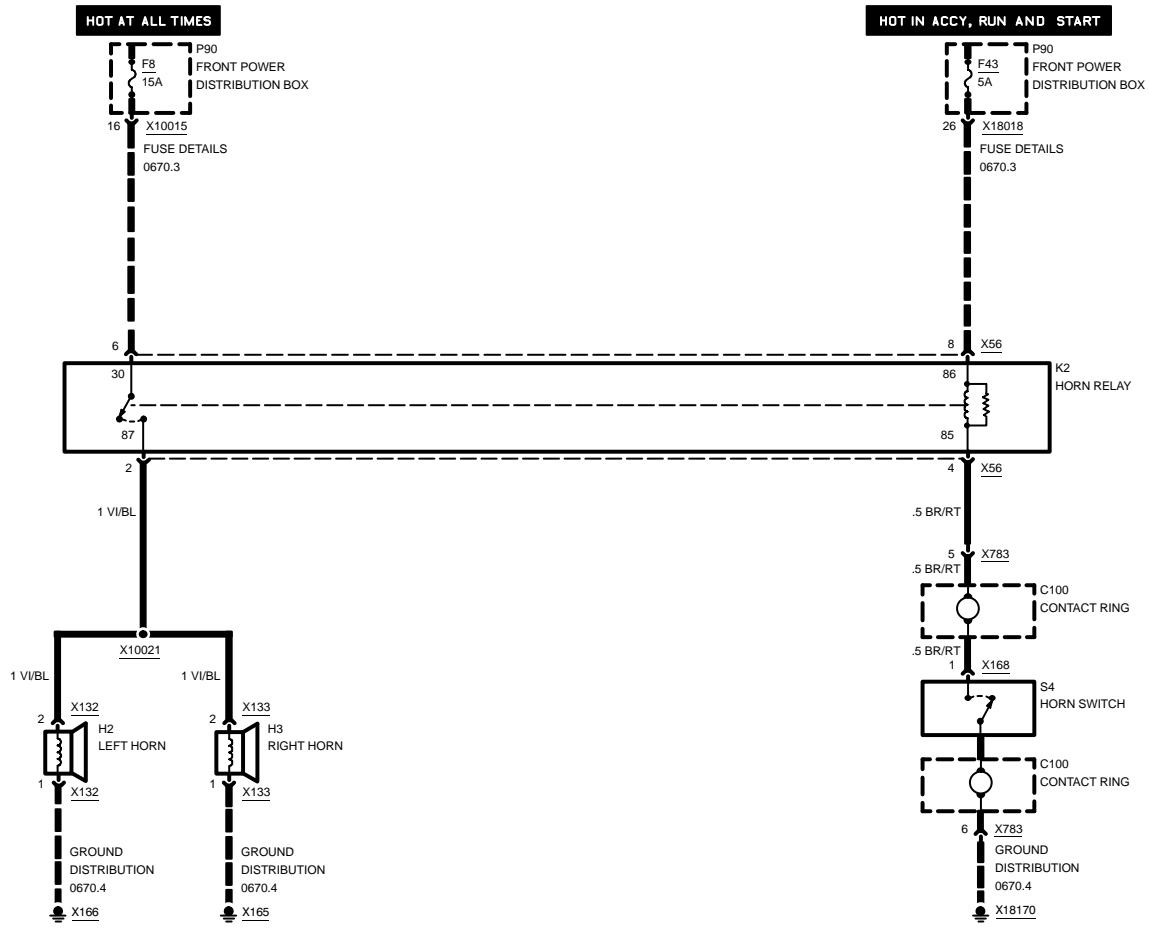
Pin	Type	Description/Function	Connection
11		Not used	
12		Not used	
13		Not used	
14	E	Luggage compartment signal	Luggage compartment light switch
15		Not used	
16		Not used	
17		Not used	
18		Not used	
19		Not used	
20		Not used	
21		Not used	
22		Not used	
23		Not used	
24		Not used	
25	A	DWA signal	Pitch sensor (with DWA)
26	A	Alarm signal	DWA siren (with DWA)

E = Input, A = Output, M = Ground

**CENTRAL BODY ELECTRONICS (ZKE IV)**

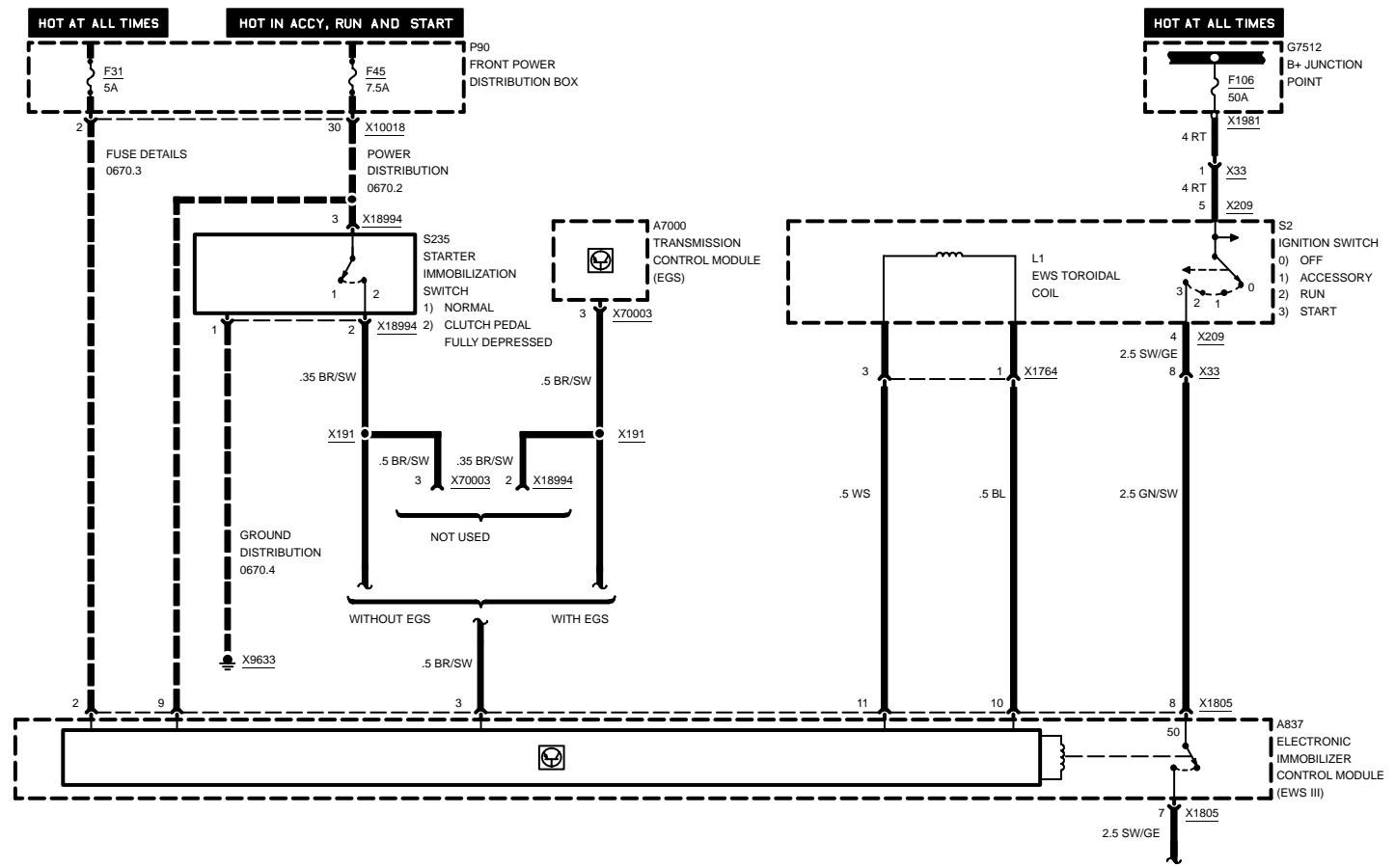
## CENTRAL BODY ELECTRONICS (ZKE IV)

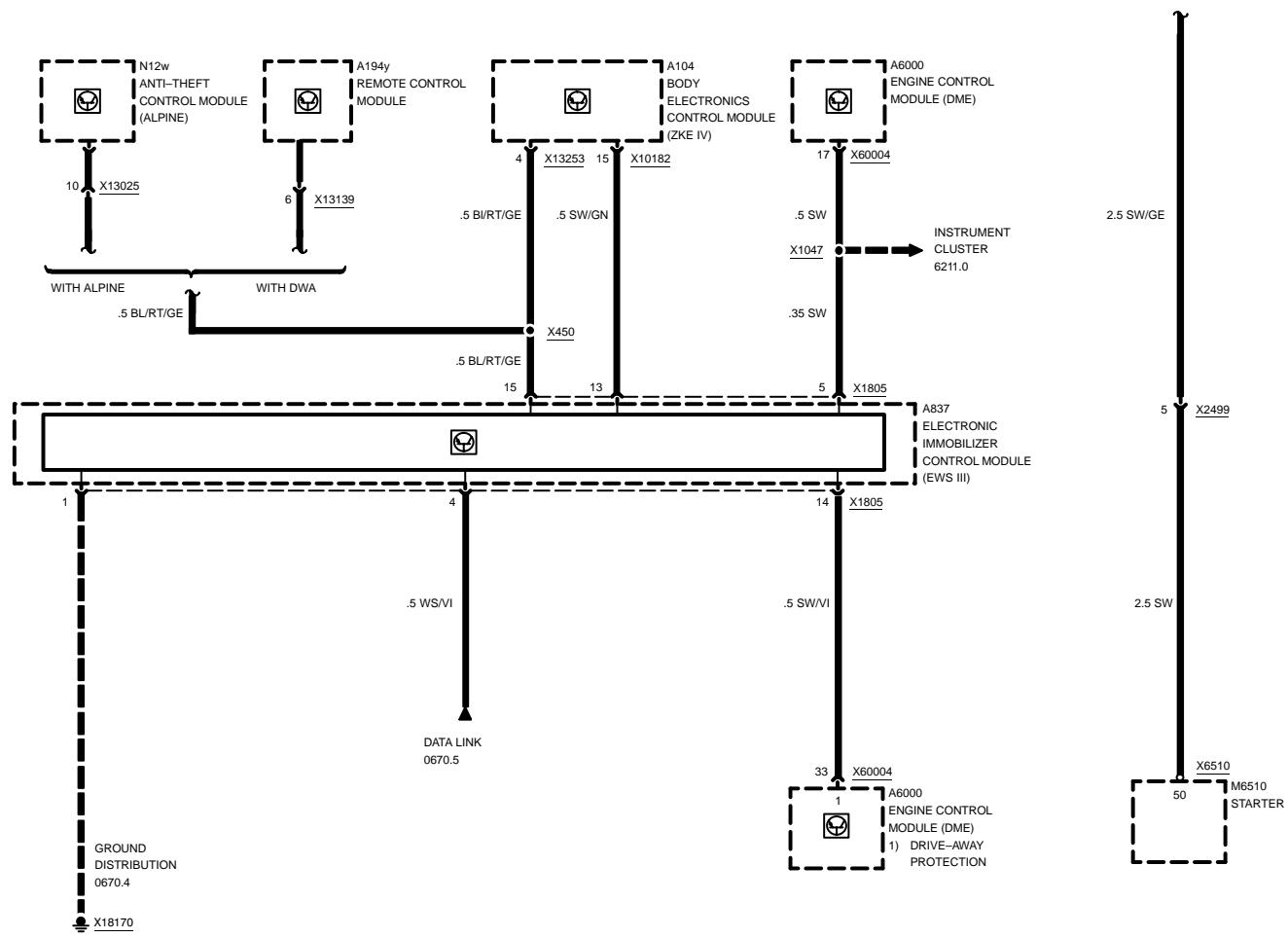




## 6135.1 DRIVE-AWAY PROTECTION (EWS III)

Z3 VERSIONS

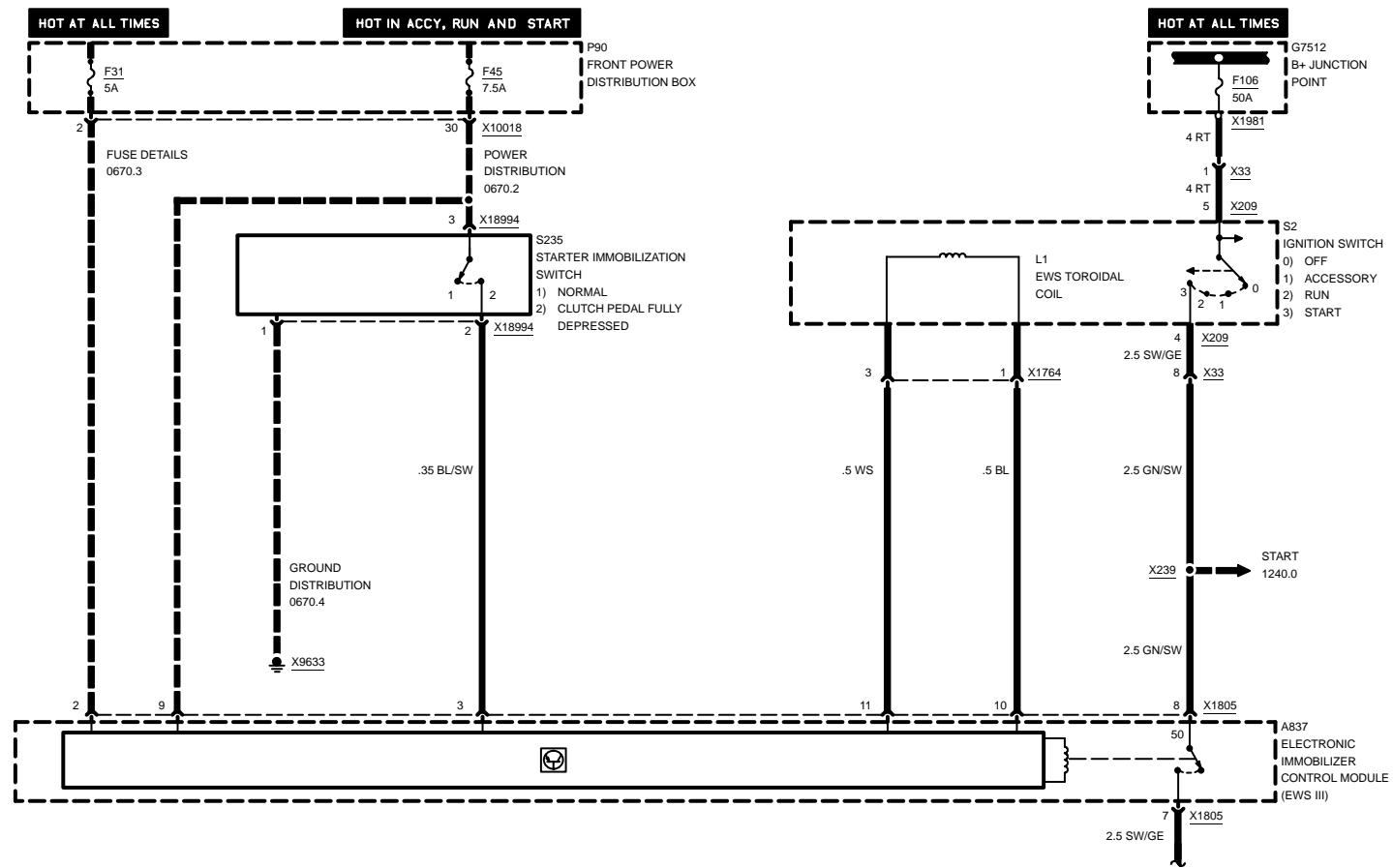




## BMW 3 Z3 DRIVE-AWAY PROTECTION (EWS III)

M VERSIONS

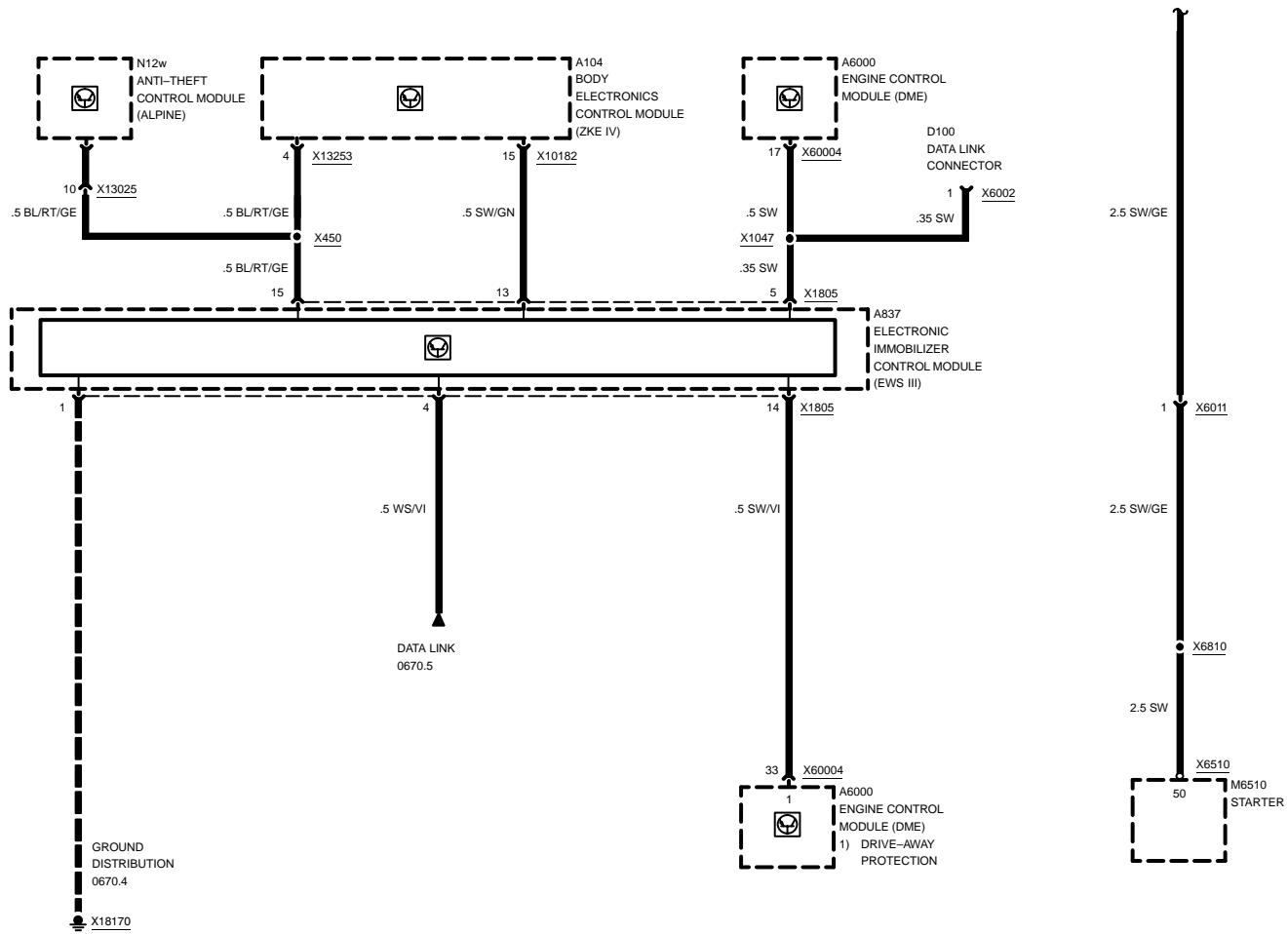
**Z3**



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**BMW**  
**3**  
**Z3**

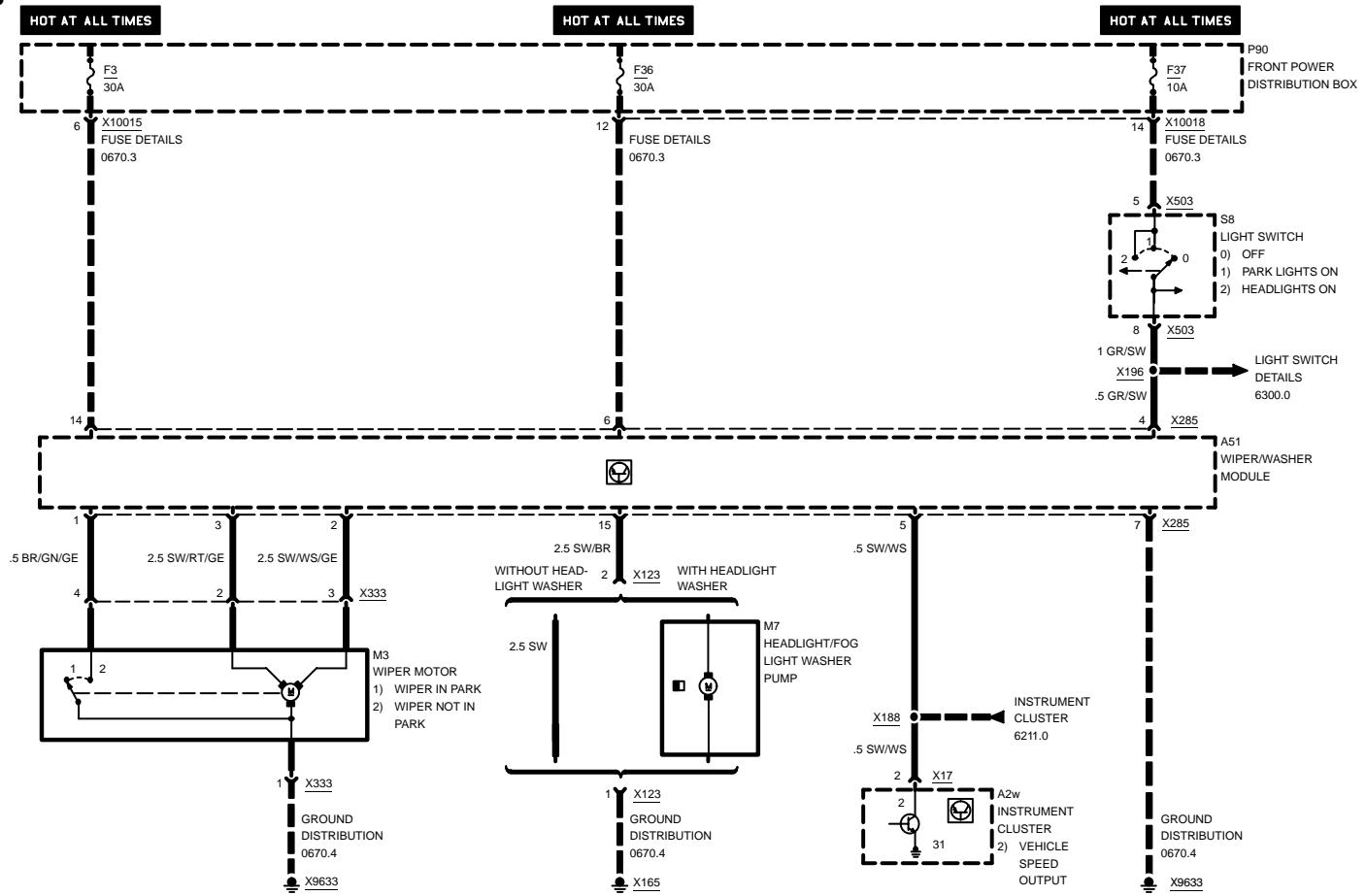
## 6160.1 WIPER/WASHER MODULE (WWM)

HIGH

06/00

6160.1-00

2001

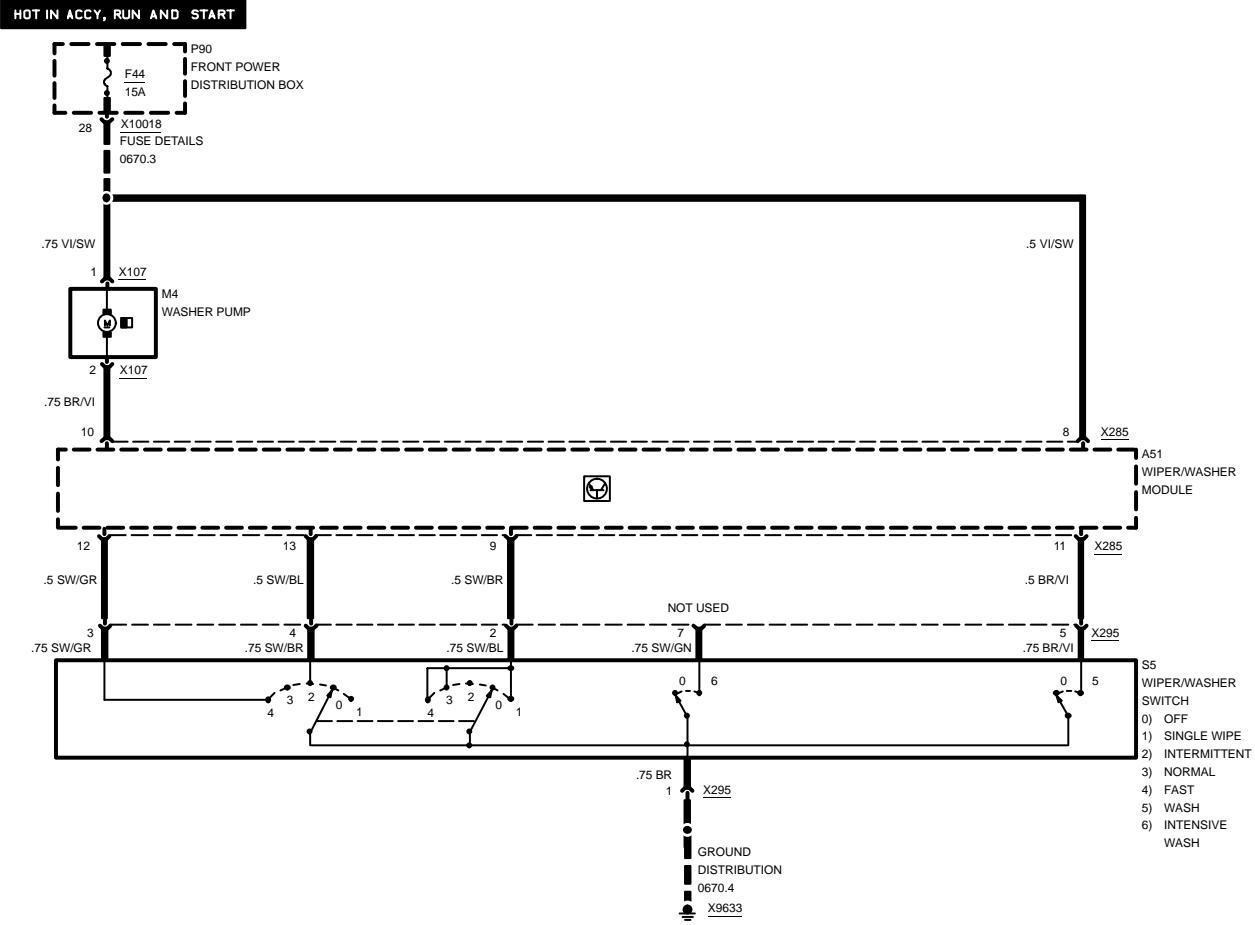


**BMW**  
**3**  
**Z3**

## WIPER/WASHER MODULE (WWM)

ROADSTER

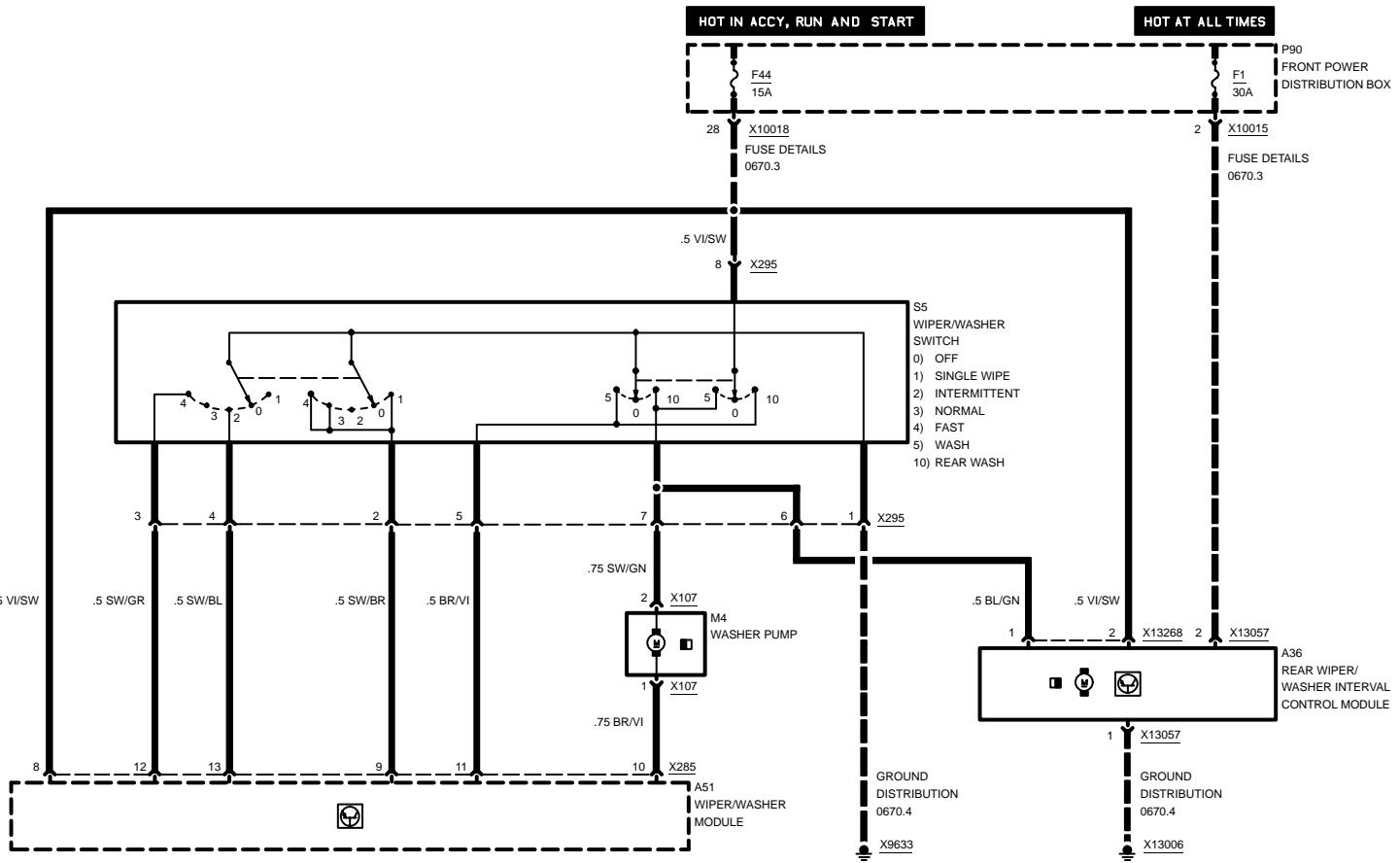
HIGH

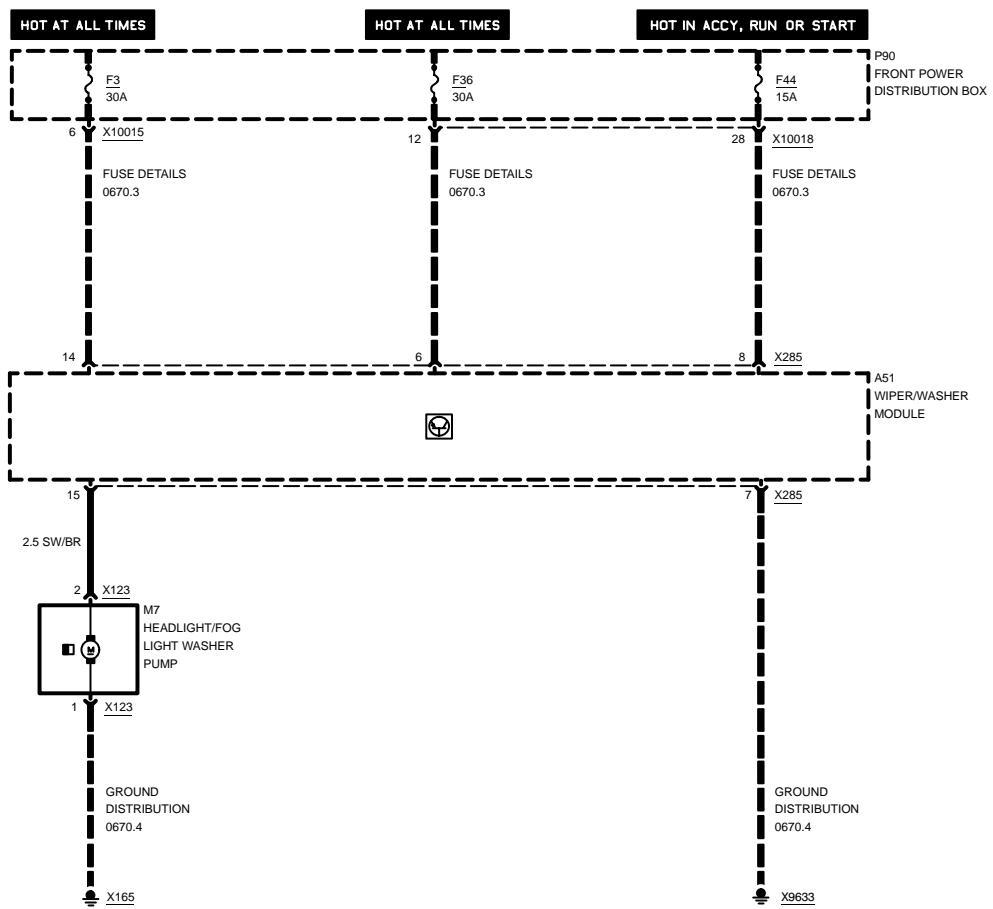


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6160.1-01

2001



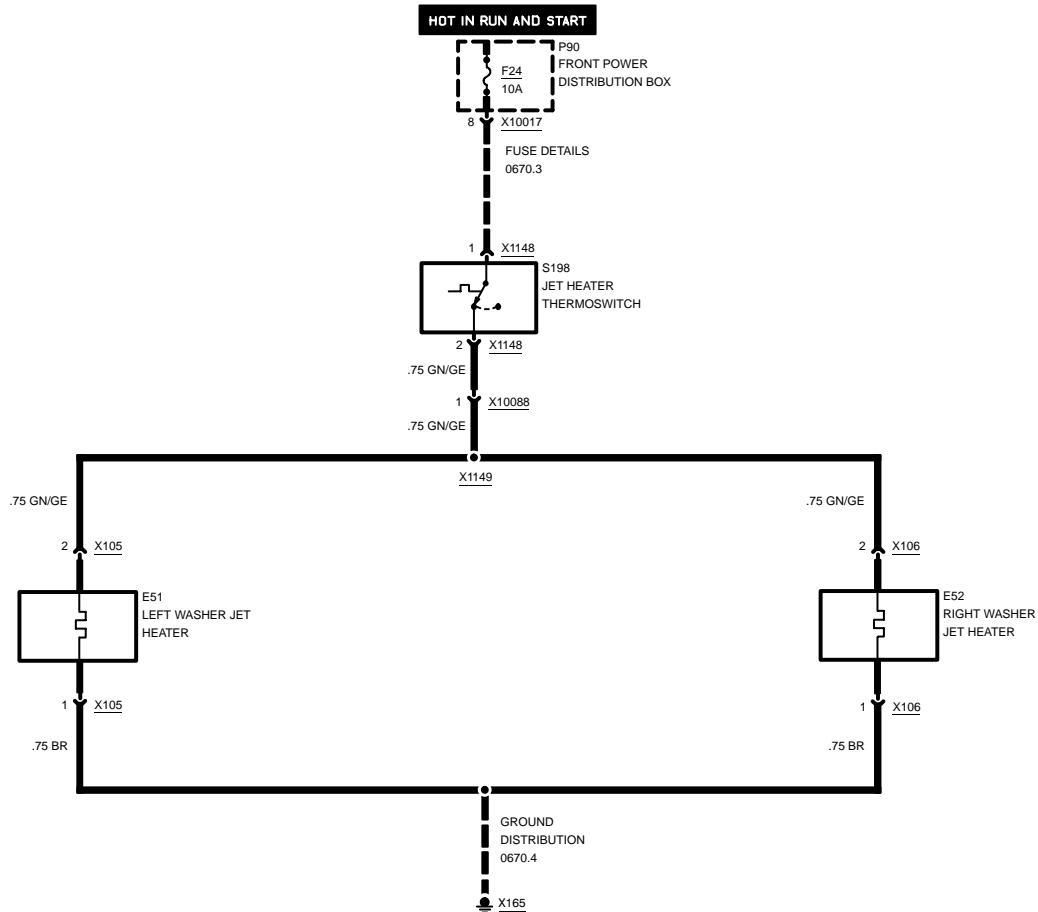
**6167.1 HEADLIGHT WASHER (SRA)**

**6169.0 WINDSHIELD WASHER JET HEATERS**

06/00

6169.0-00

2001

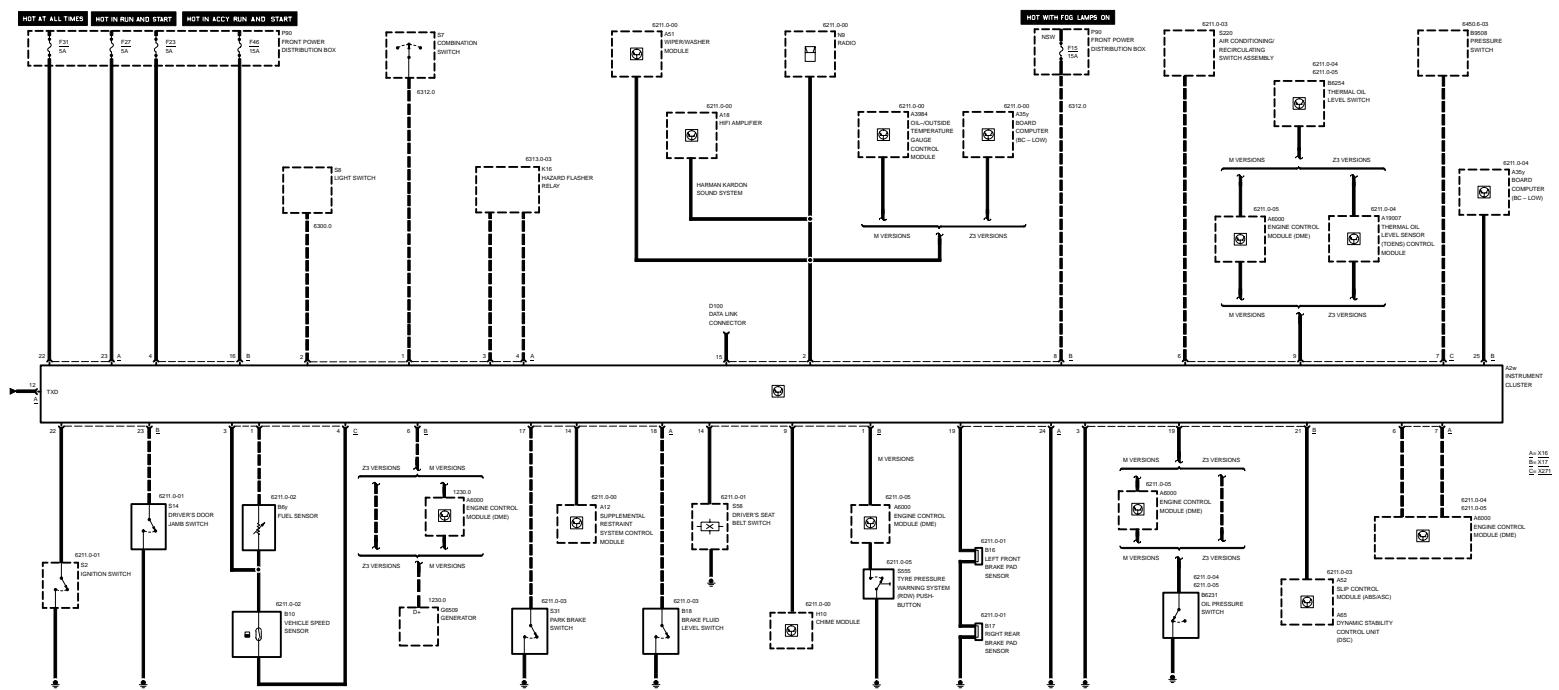


## 6211.0 INSTRUMENT CLUSTER

01/01

6211.0

2001



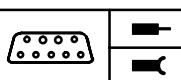


01/01

6211.0-a

2001

Z3



## Pin Assignments

### X16

Pin	Type	Description/Function	Connection
1	E	High beam indicator control	Combination switch
2	E	Terminal 58g, instrument illumination power	Light switch (dimmer)
3	E	Right turn signal indicator control	Hazard flasher relay
4	E	Left turn signal indicator control	Hazard flasher relay
5		Not used	
6	E/A	CAN-bus High	Splice, CAN-bus High
7	E/A	CAN-bus Low	Splice, CAN-bus Low
8		Not used	
9		Not used	
10		Not used	
11		Not used	
12	E/A	Diagnosis TXD signal	Data link connector
13		Not used	
14	E	Air bag warning lamp (SRS) control	Supplemental restraint system control module
15		Not used	
16		Not used	
17	E	Park brake warning lamp control	Park brake switch
18	E	Brake fluid warning lamp control	Brake fluid level switch
19	E	Brake pad wear warning lamp control	Brake pad sensors
20		Not used	
21		Not used	
22	E	Voltage supply, terminal 30	Front power distribution box, fuse 31
23	E	Voltage supply, terminal 15 for indicator and warning lamps	Front power distribution box, fuse 27
24	M	Ground supply, terminal 31 for instrument cluster electronics	Ground point
25		Not used	
26		Not used	

E = Input, A = Output, M = Ground

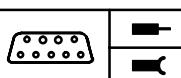


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Z3

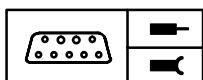


## Pin Assignments

### X17

Pin	Type	Description/Function	Connection
1	E	Tire pressure warning lamp control	Engine control module (DME) (M Versions)
2	A	Vehicle speed signal	Various control modules
3	M	Ground supply, terminal 31 for indicator and warning lamps	Ground point
4	E	Voltage supply, terminal 15 for instrument cluster electronics	Front power distribution box, fuse 23
5		Not used	
6	E	Ground supply, terminal 61 for battery charge indicator	Generator (Z3 Versions) Engine control module (DME) (M Versions)
7		Not used	
8	E	Fog light indicator control	Front power distribution box, fuse 15
9	A	Sound tone signal	Chime module
10		Not used	
11		Not used	
12		Not used	
13		Not used	
14	E	Seat belt warning lamp control	Driver's seat belt switch
15	E	SIA reset/service interval indicator reset	Data link connector
16	E	Voltage supply, terminal R	Front power distribution box, fuse 46
17		Not used	
18		Not used	
19	E	Oil pressure warning lamp control	Oil pressure switch (Z3 Versions) Engine control module (DME) (M Versions)
20		Not used	
21	E	ABS warning lamp (ABS)	ABS/ASC/DSC control module
22	E	Ignition key warning/audible ignition key warning	Ignition switch
23	E	Driver's door open	Driver's door jamb switch
24		Not used	
25	E	Fuel consumption signal	Board computer (Z3 Versions)
26		Not used	

E = Input, A = Output, M = Ground

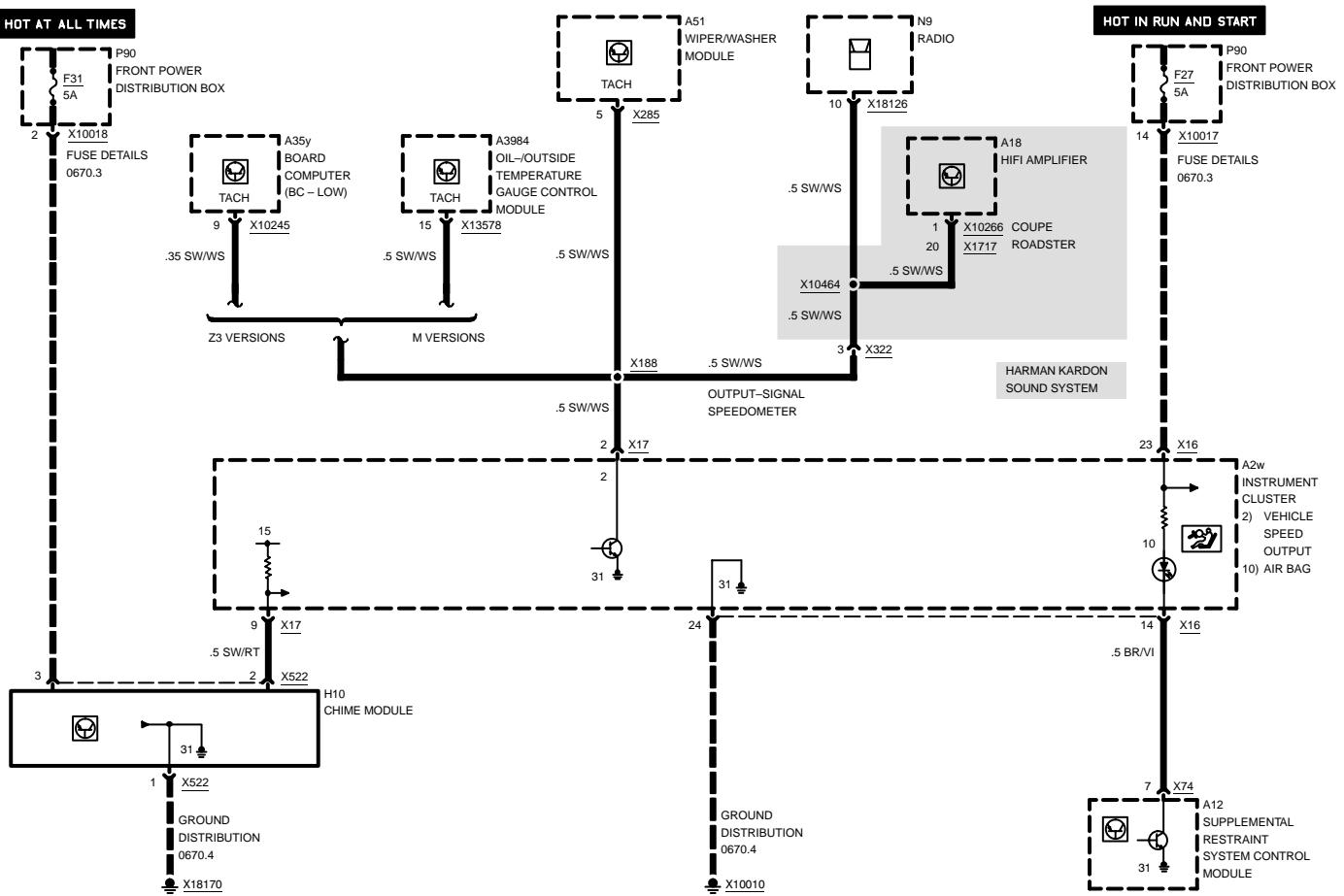
**Pin Assignments****X271**

Pin	Type	Description/Function	Connection
1	A	Fuel level sensor	Fuel tank sensors
2		Not used	
3	A	Ground supply for fuel tank sensor and vehicle speed sensor	Fuel tank sensor and vehicle speed sensor
4	E	Position signal (TW)	Vehicle speed sensor
5		Not used	
6	E	A/C-ON-signal	Air condition switch
7	E	Activate A/C	Pressure switch
8		Not used	
9	E	Oil level signal	Thermal oil level sensor (TOENS) control module (Z3 Versions) Engine control module (DME) (M Versions)
10		Not used	
11		Not used	
12		Not used	

E = Input, A = Output, M = Ground

**BMW**  
**3** **INSTRUMENT CLUSTER**  
**INDICATORS**

Z3



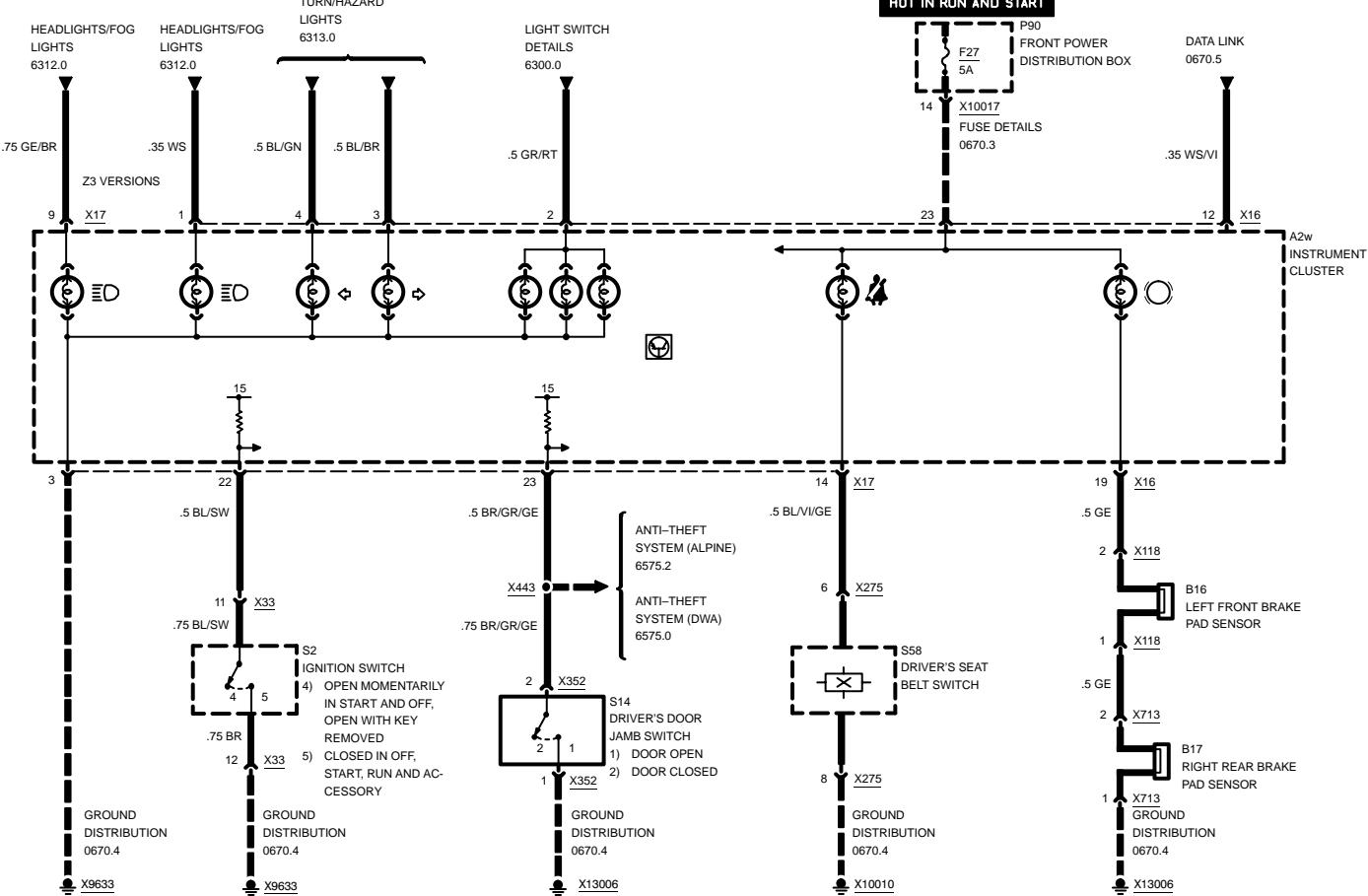
01/01

6211.0-00

2001

**BMW**  
**3** **INSTRUMENT CLUSTER**  
INDICATORS

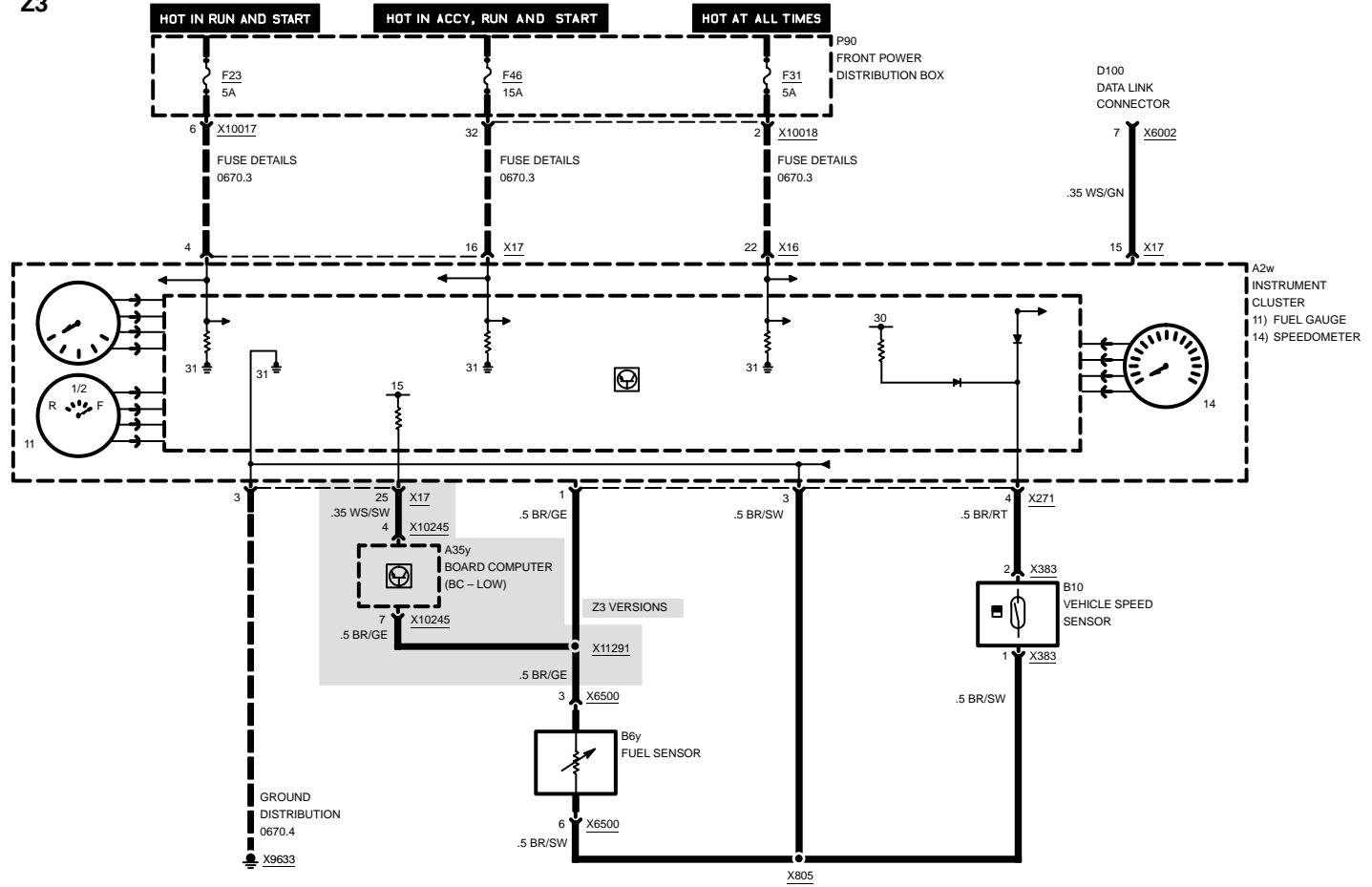
Z3



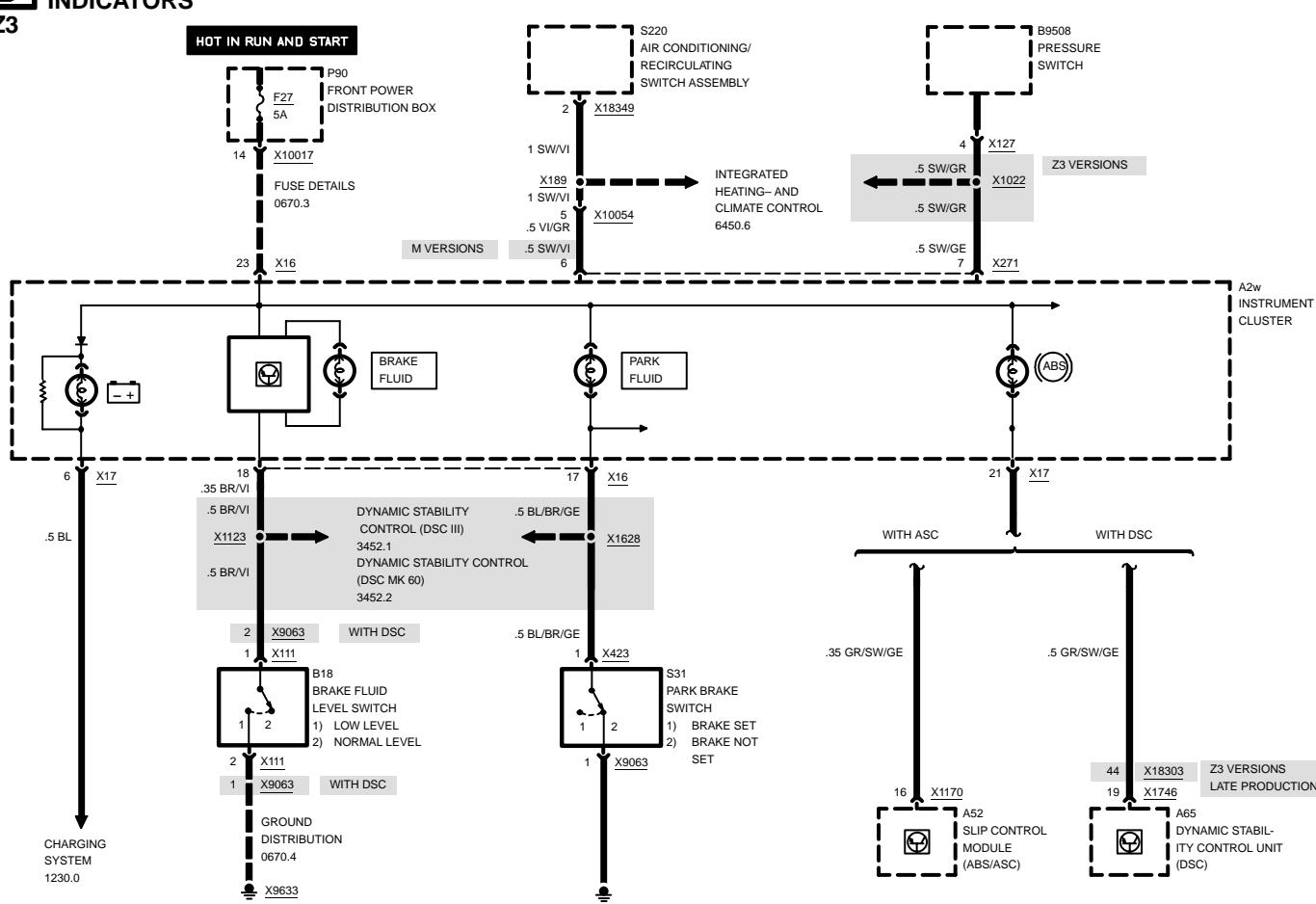
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**INSTRUMENT CLUSTER**  
**INDICATORS**

## INSTRUMENT CLUSTER INDICATORS



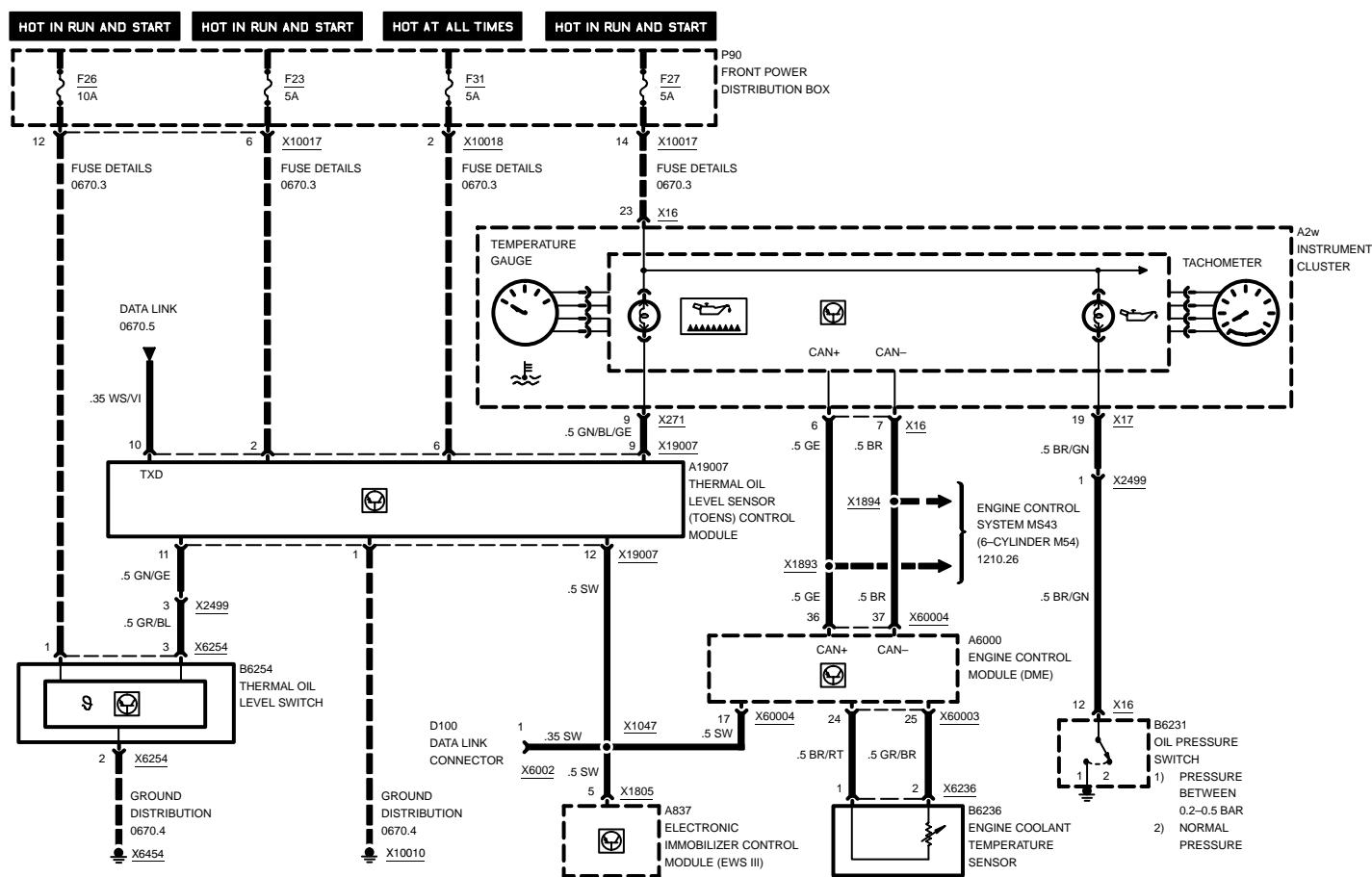
**BMW**  
**3** **INSTRUMENT CLUSTER**  
INDICATORS  
Z3

Z3 VERSIONS

01/01

6211.0-04

2001



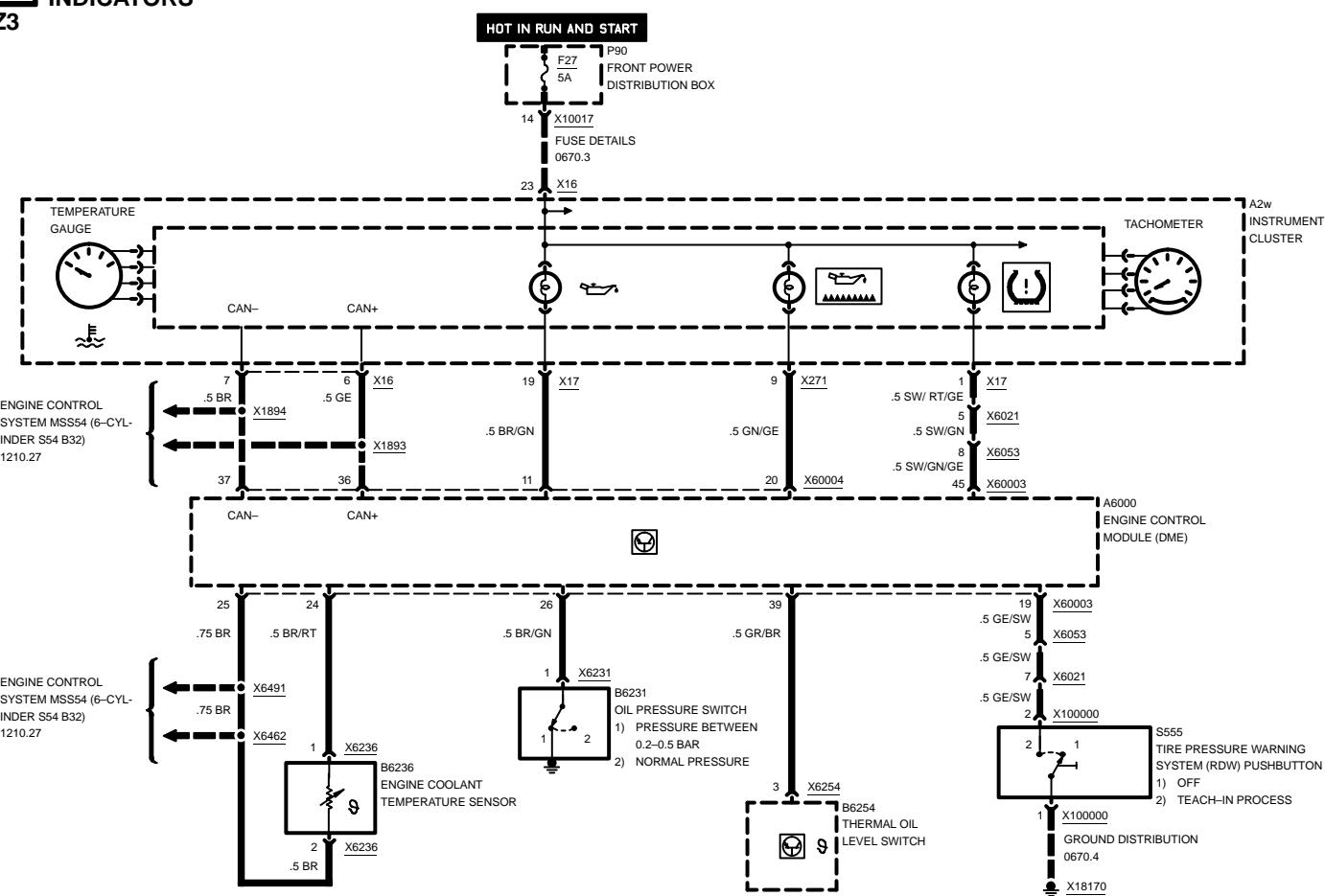
**BMW**  
**3**  
**Z3** **INSTRUMENT CLUSTER**  
**INDICATORS**

**M VERSIONS**

01/01

6211.0-05

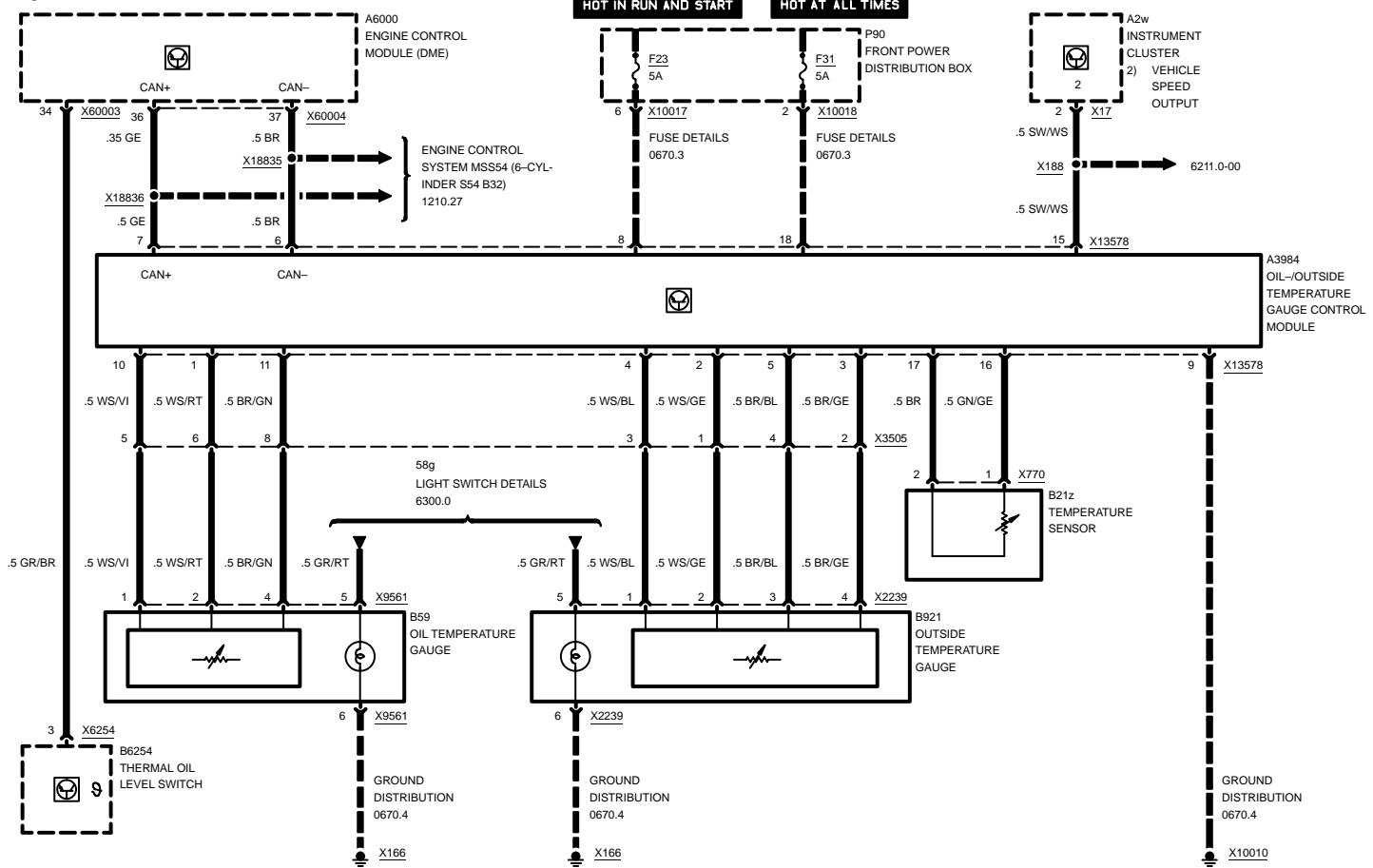
2001



**BMW 3 INSTRUMENT CLUSTER  
CONSOLE INSTRUMENTS**

**M VERSIONS**

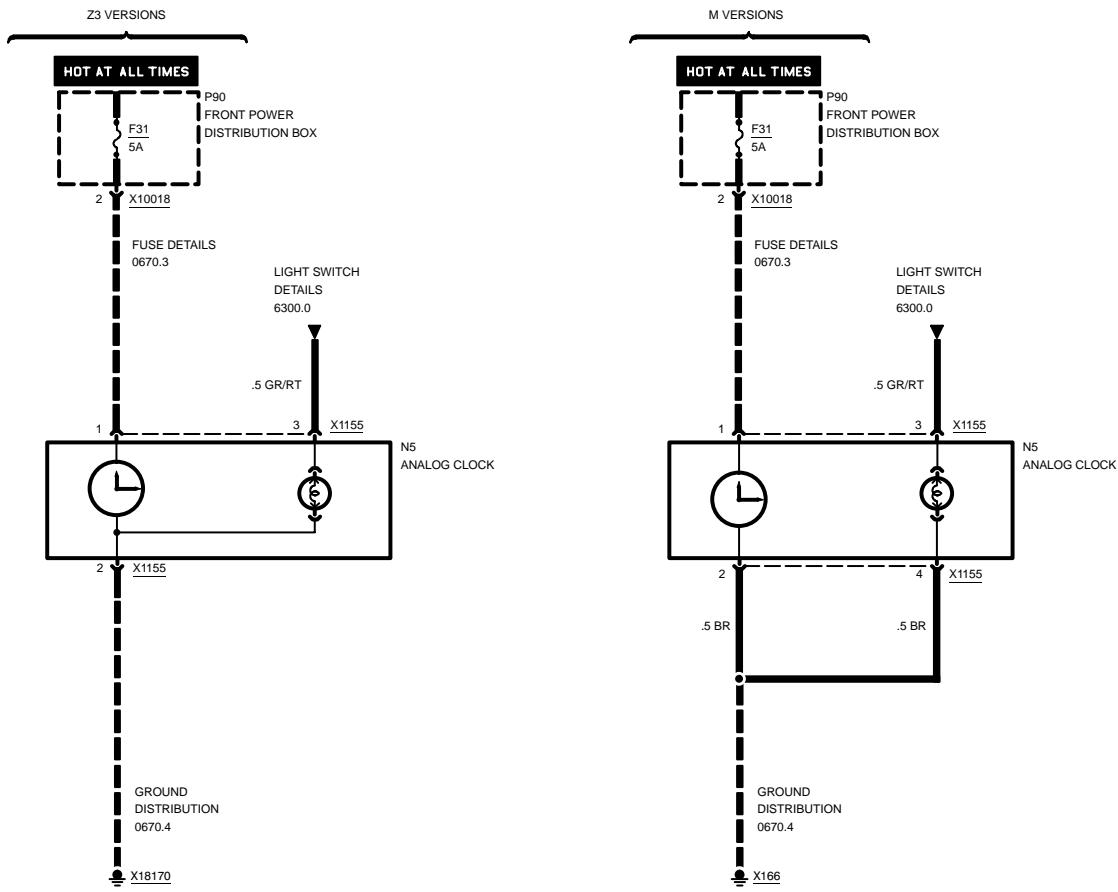
**Z3**



01/01

6211.0-06

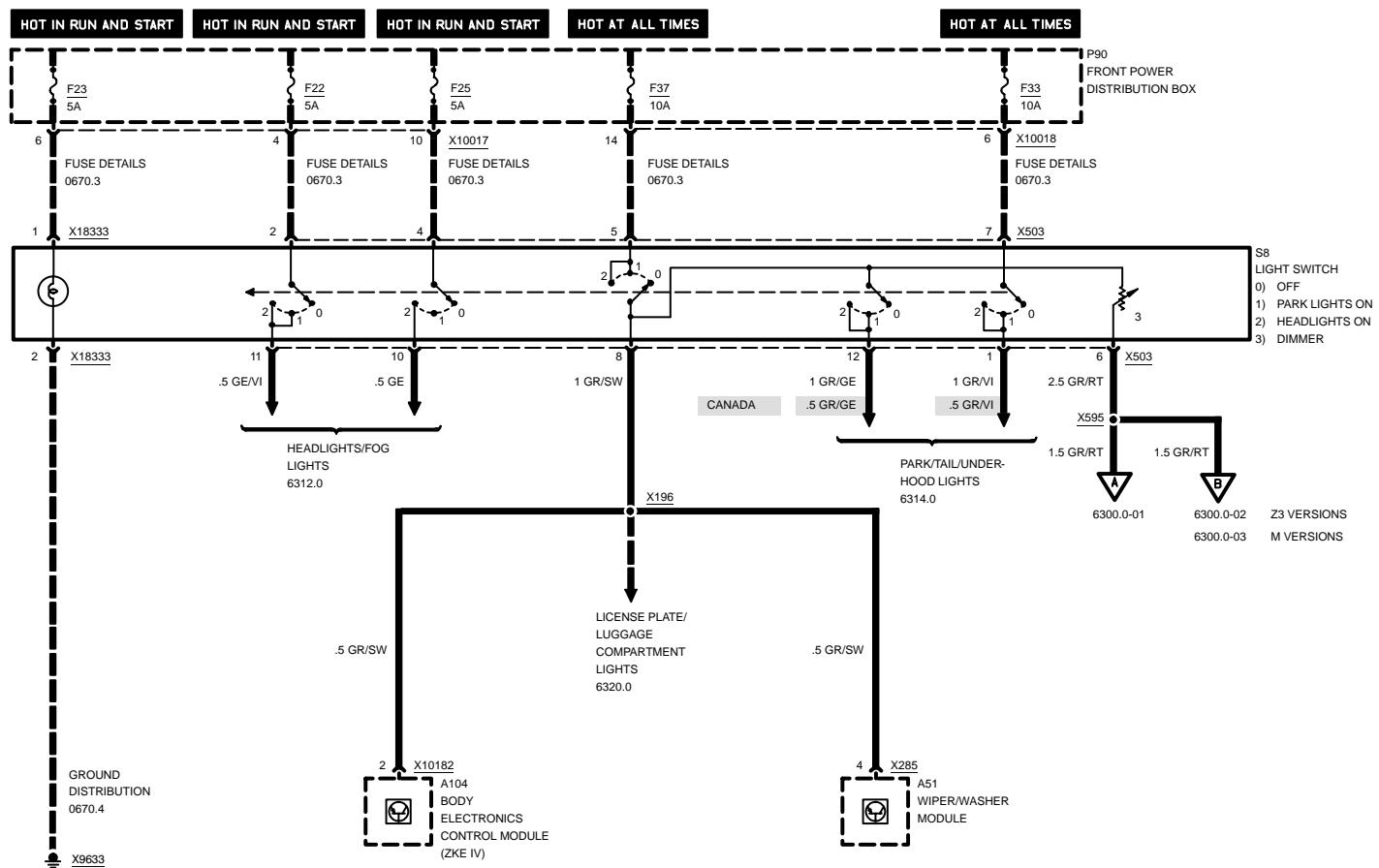
2001

**6213.1 ANALOG CLOCK**

BMW

**3**

Z3

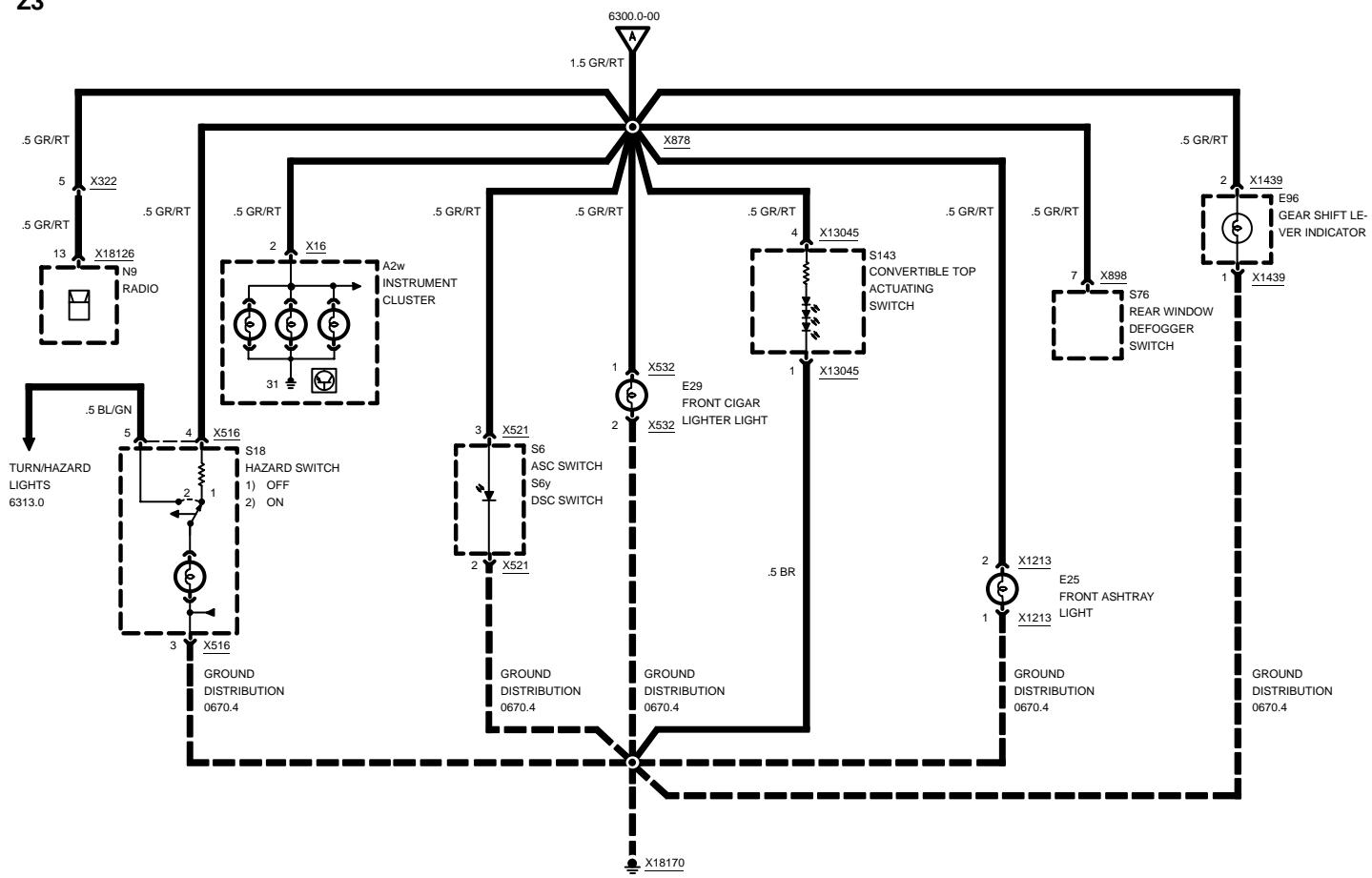
**6300.0 LIGHT SWITCH DETAILS**

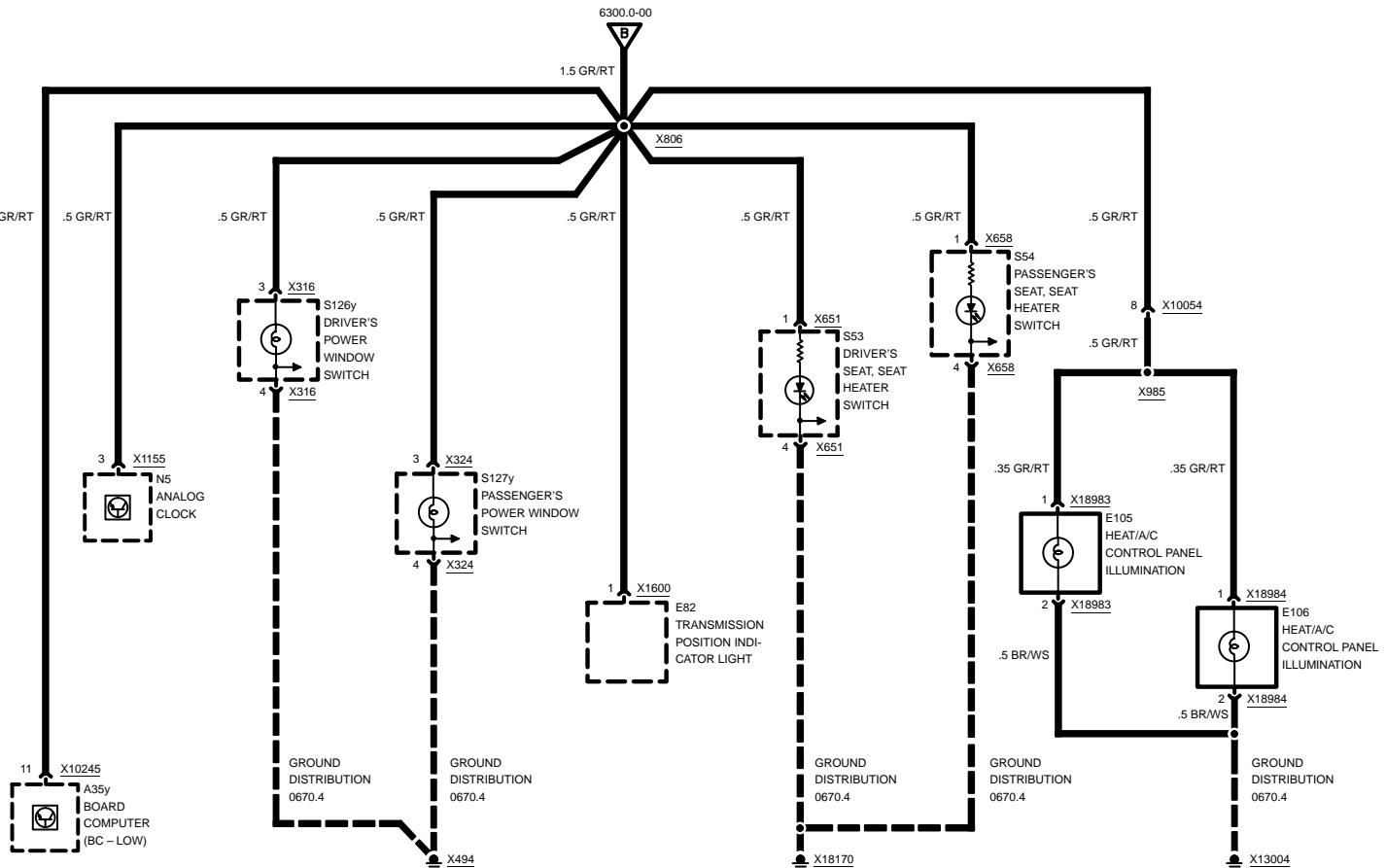
01/01

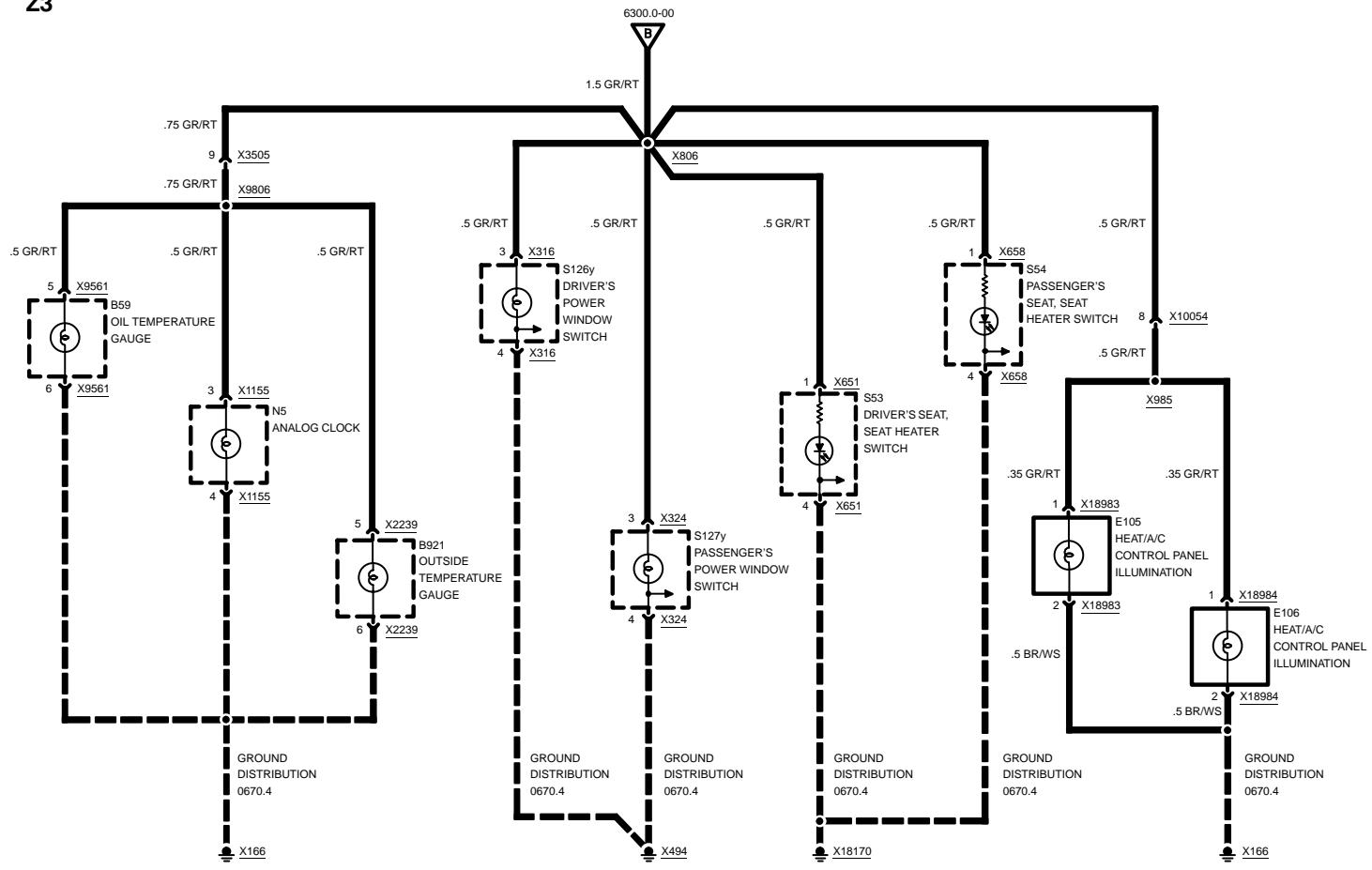
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2001

## LIGHT SWITCH DETAILS





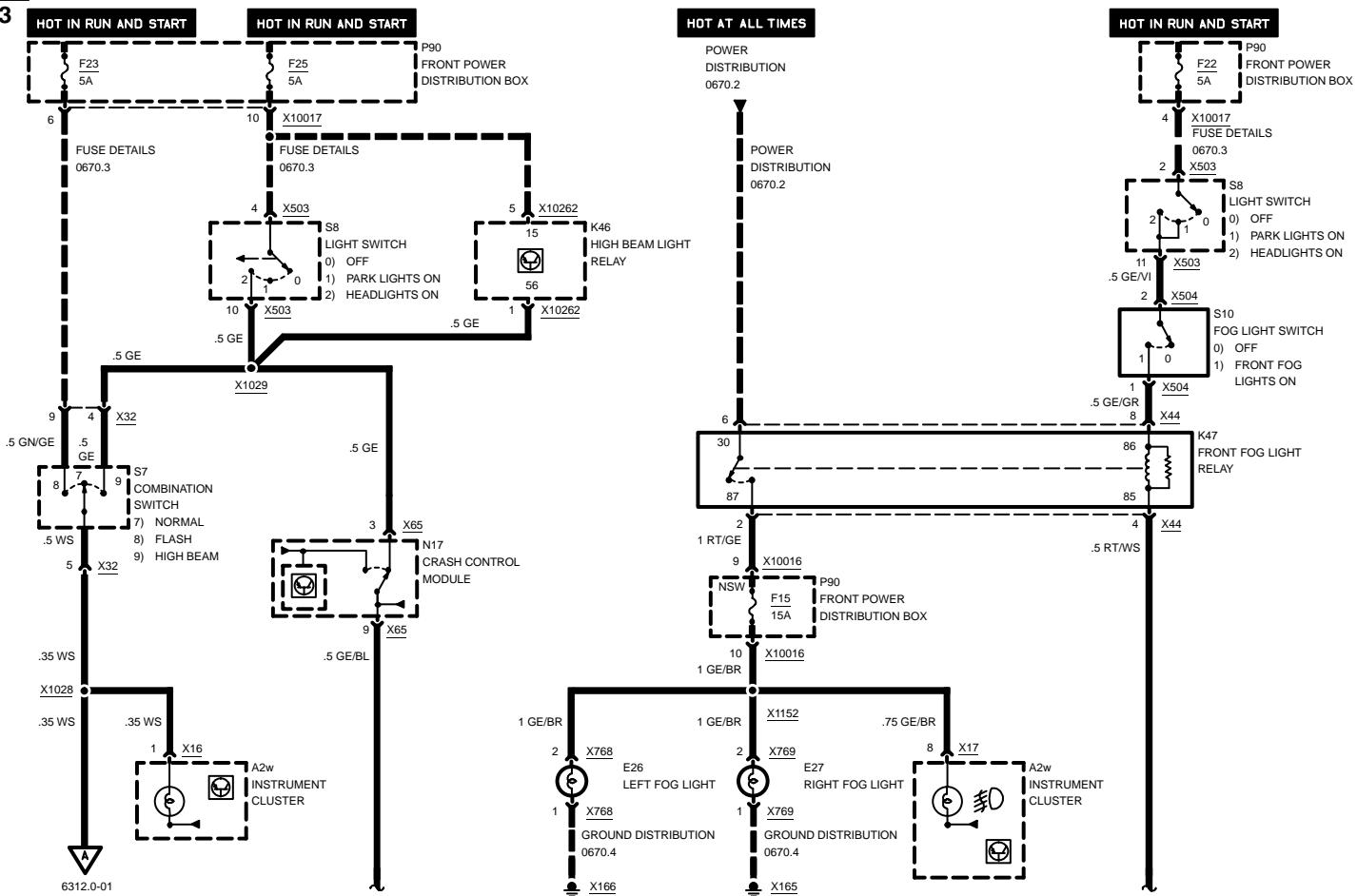


BMW  
3

## 6312.0 HEADLIGHTS/FOG LIGHTS

USA

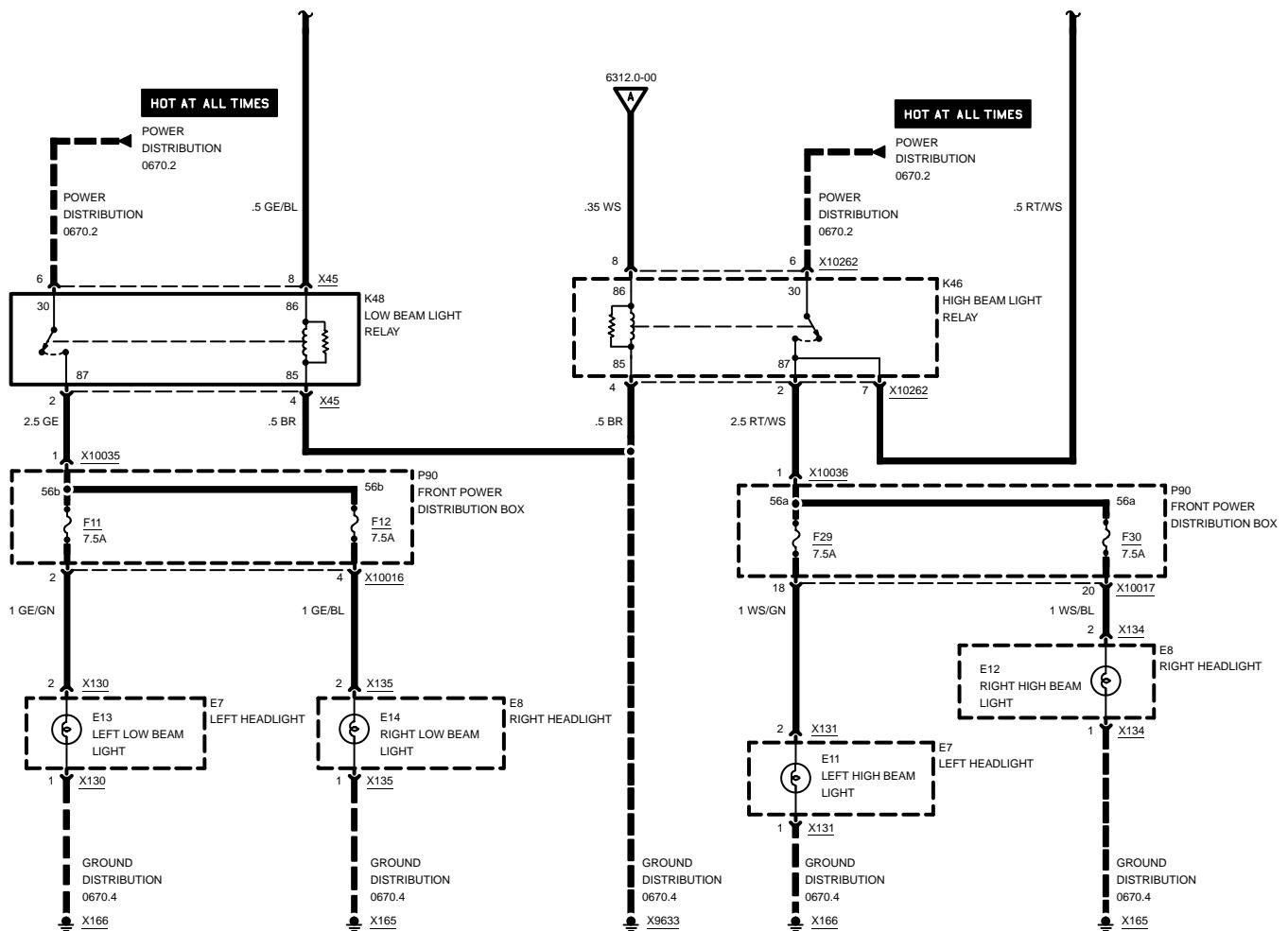
Z3



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6312.0-00

2001

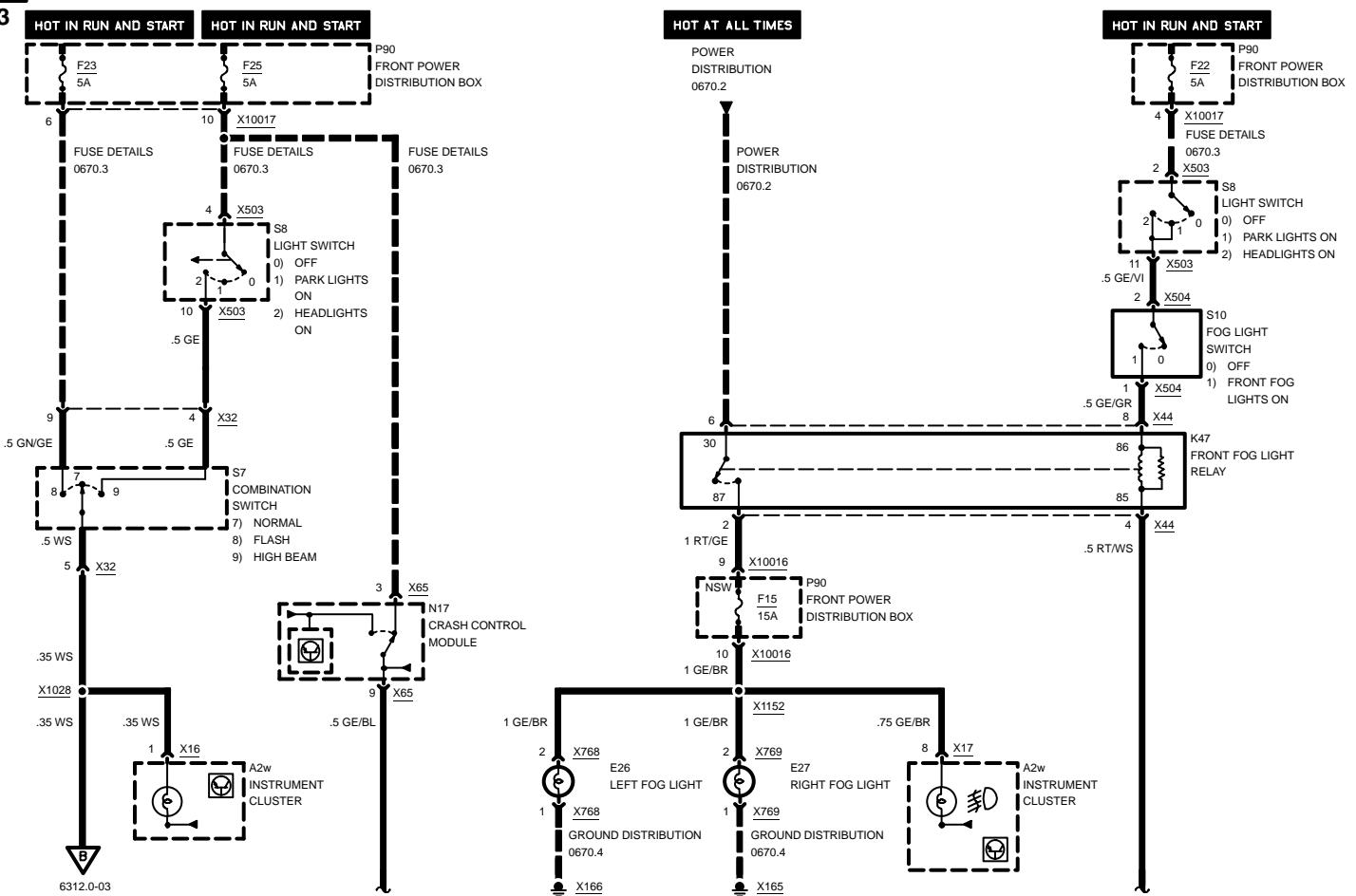


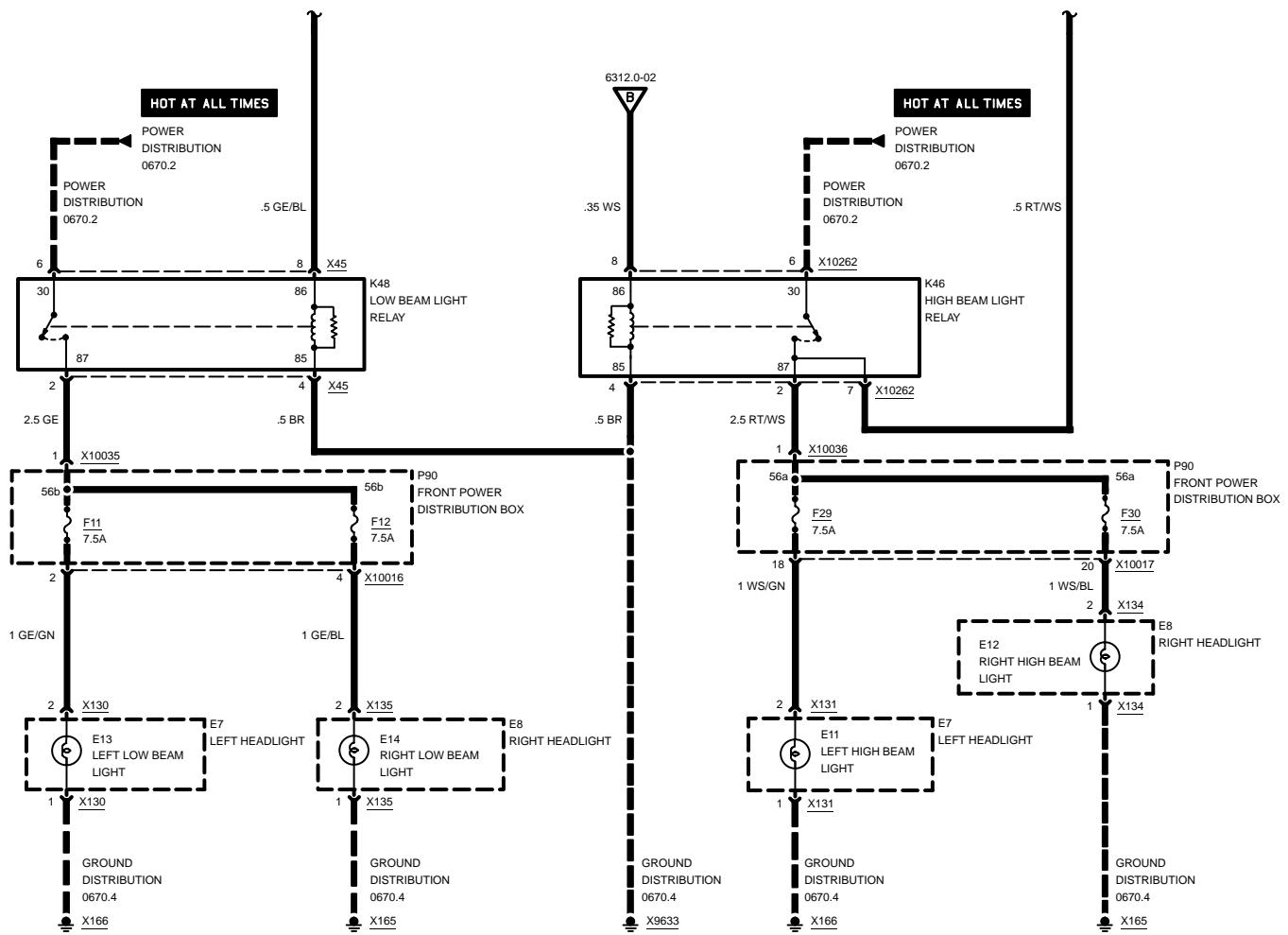


## HEADLIGHTS/FOG LIGHTS

CANADA

Z3



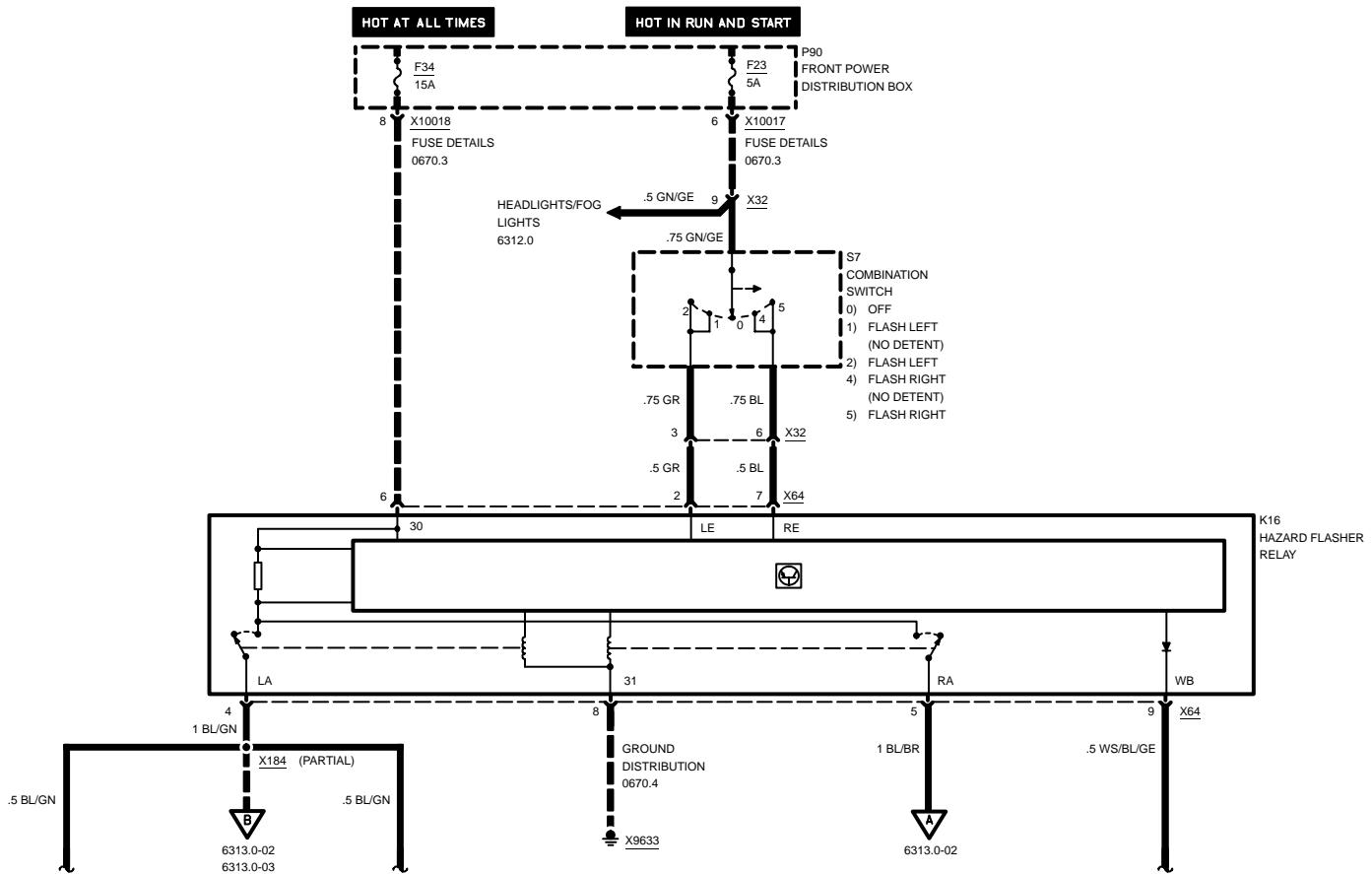


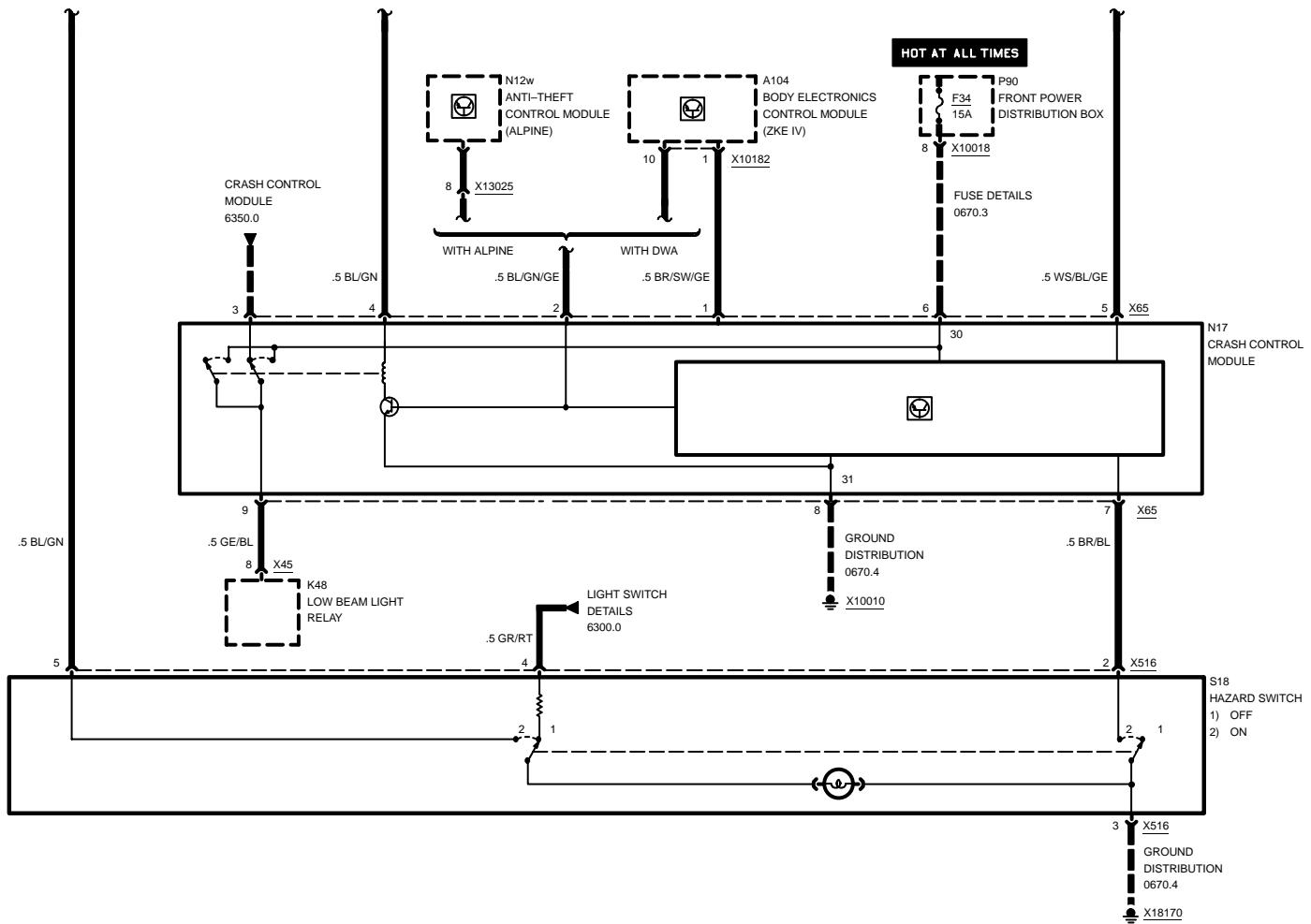
## 6313.0 TURN/HAZARD LIGHTS

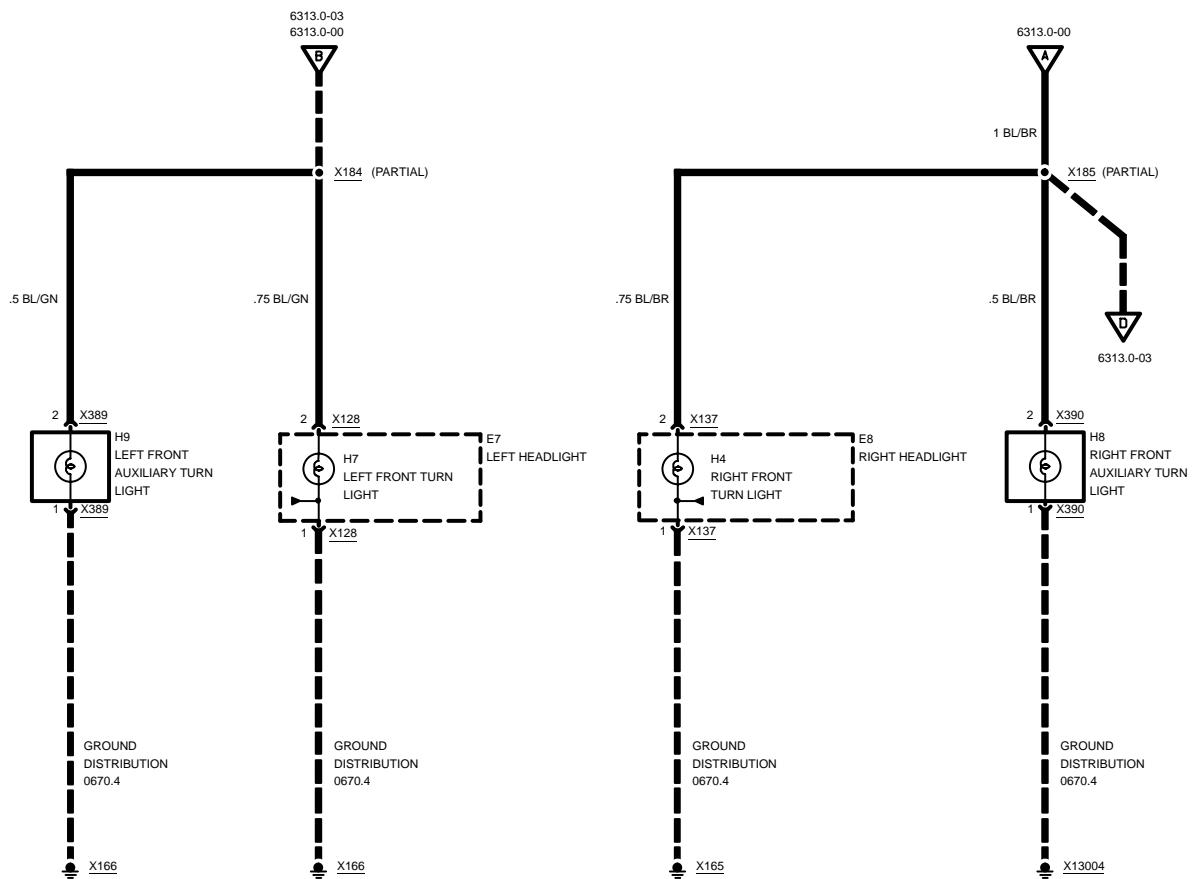
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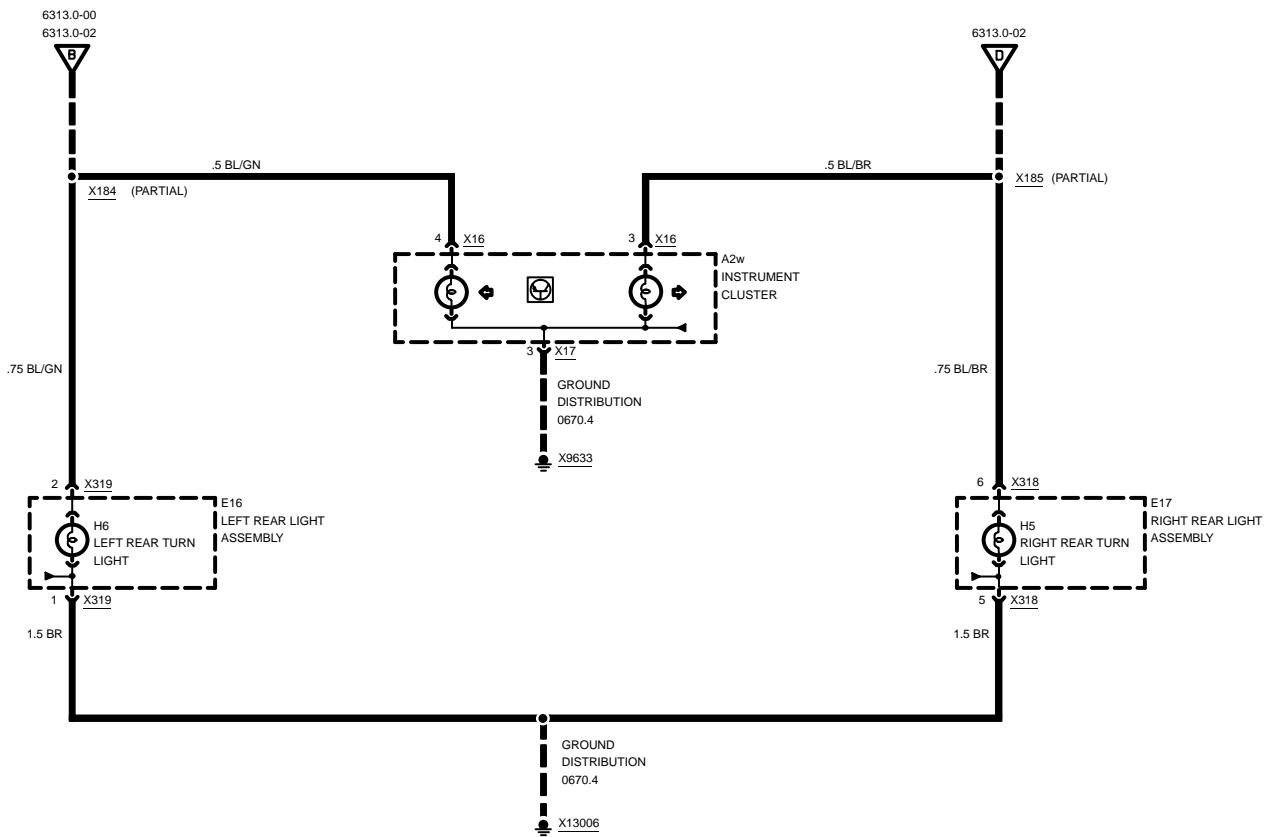
6313.0-00

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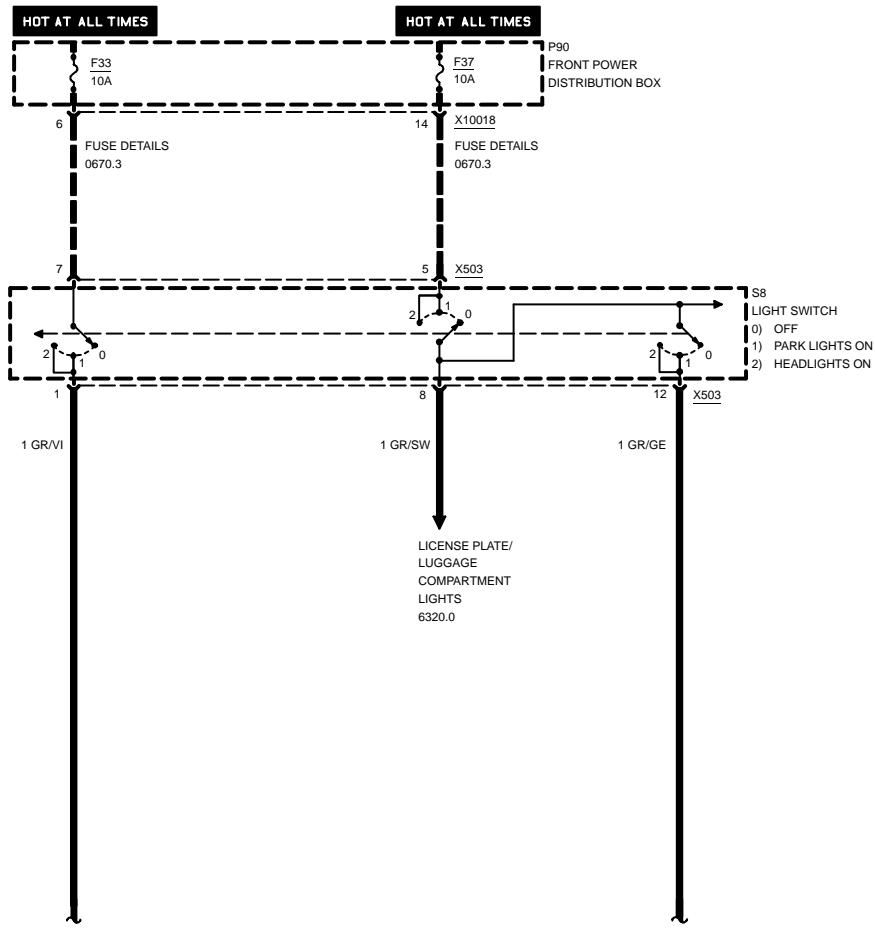


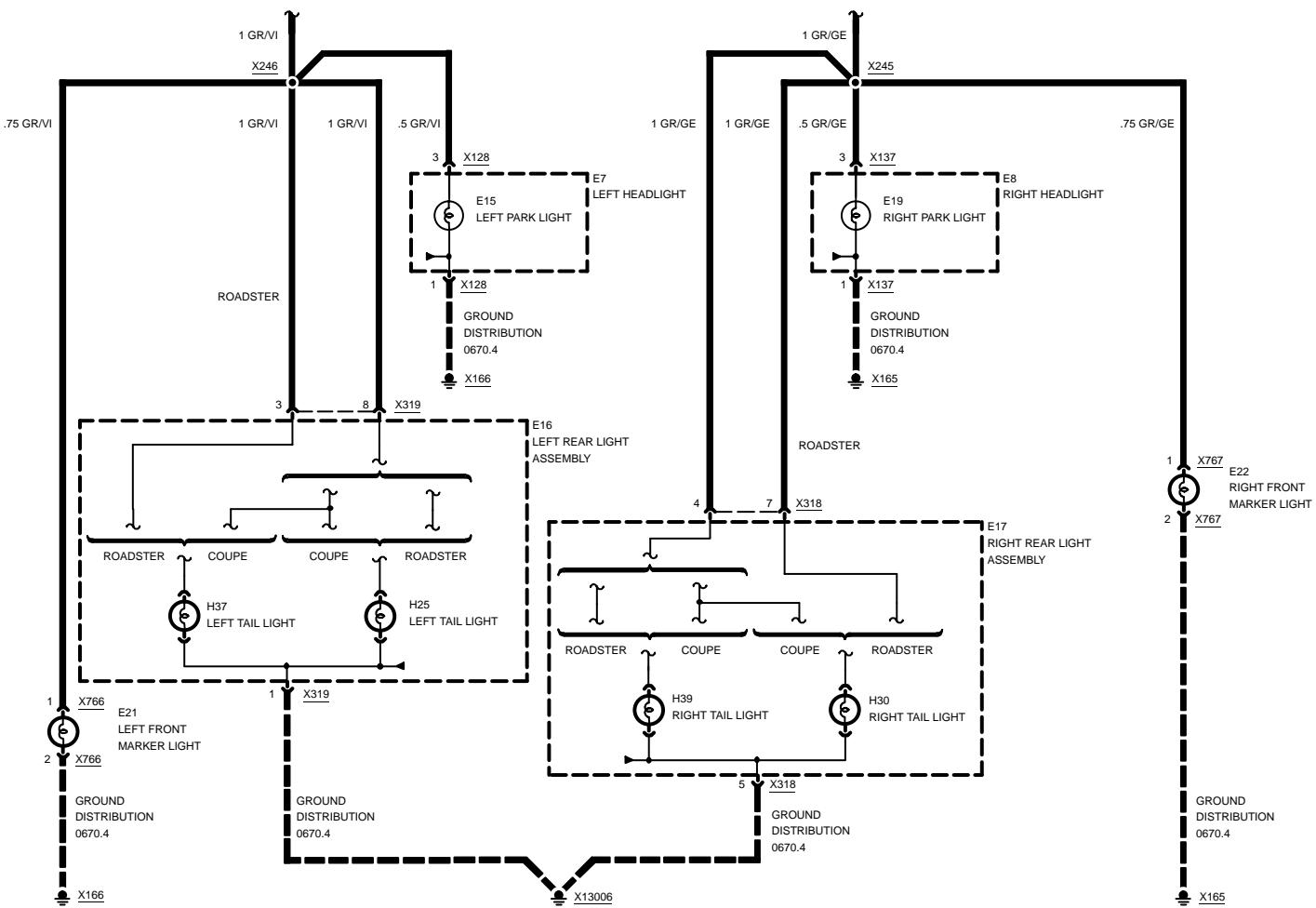
**6314.0 PARK/TAIL/UNDERHOOD LIGHTS**

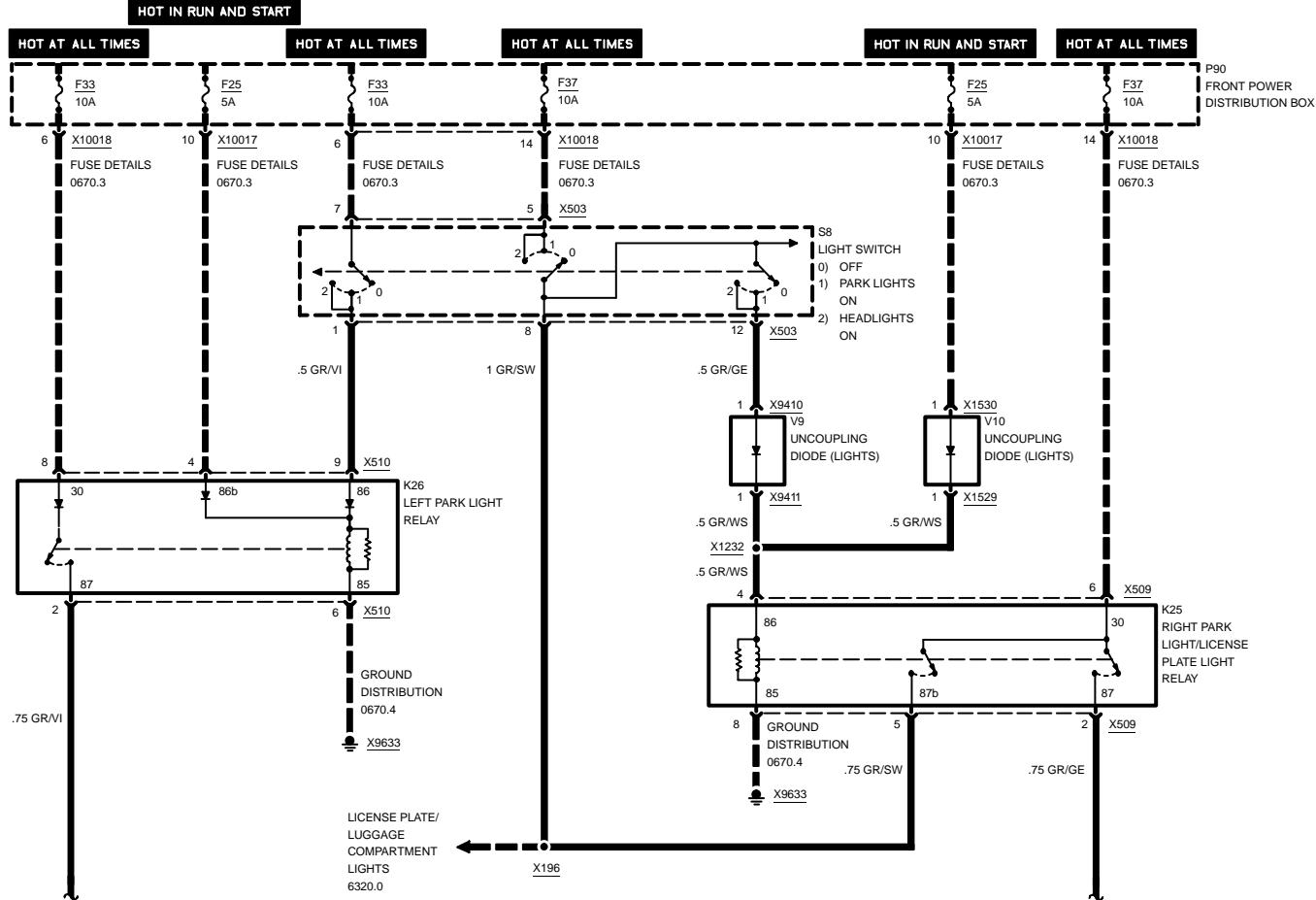
06/00

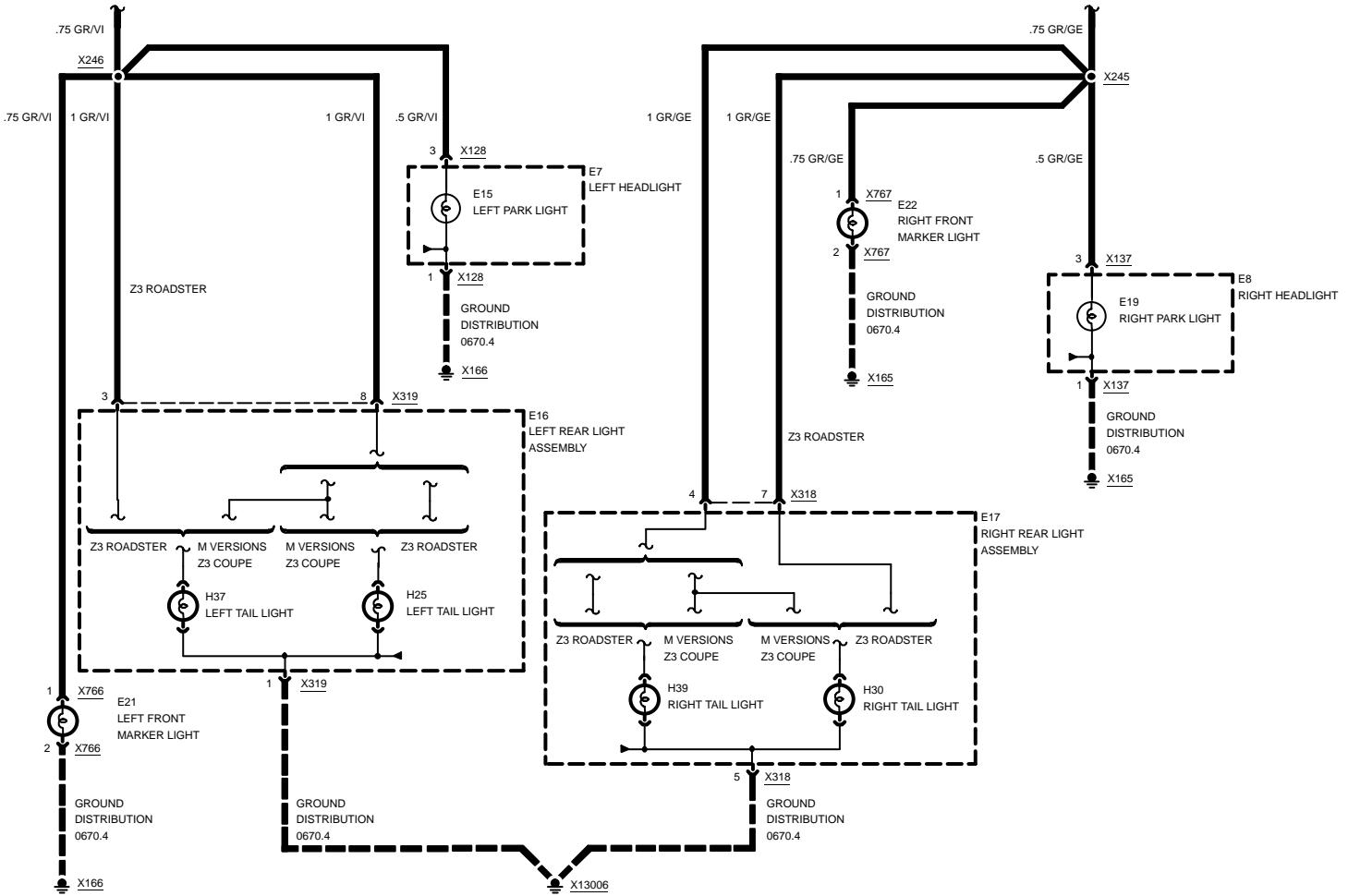
6314.0-00

2001









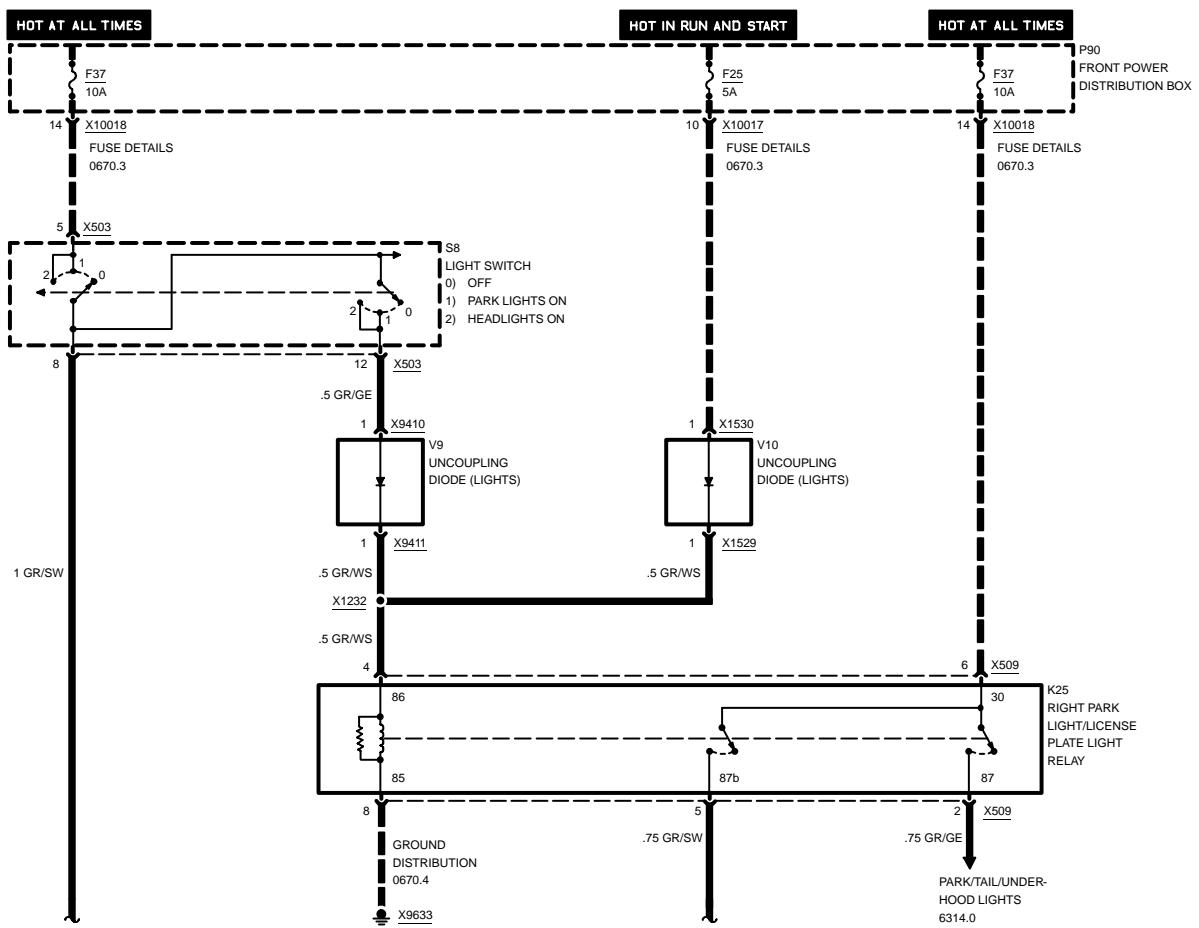
# BMW 3 6320.0 LICENSE PLATE/LUGGAGE COMPARTMENT LIGHTS CANADA

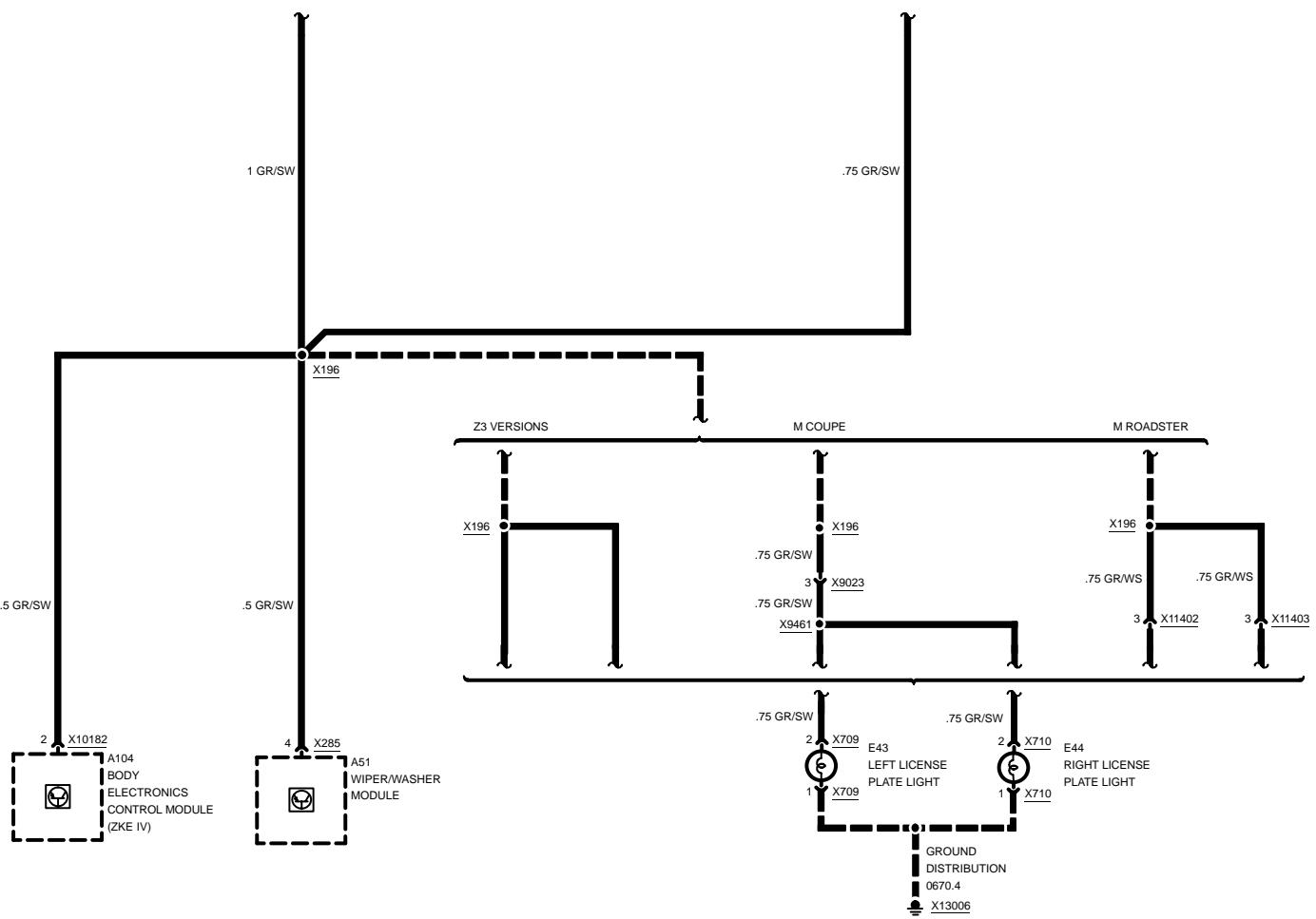
Z3

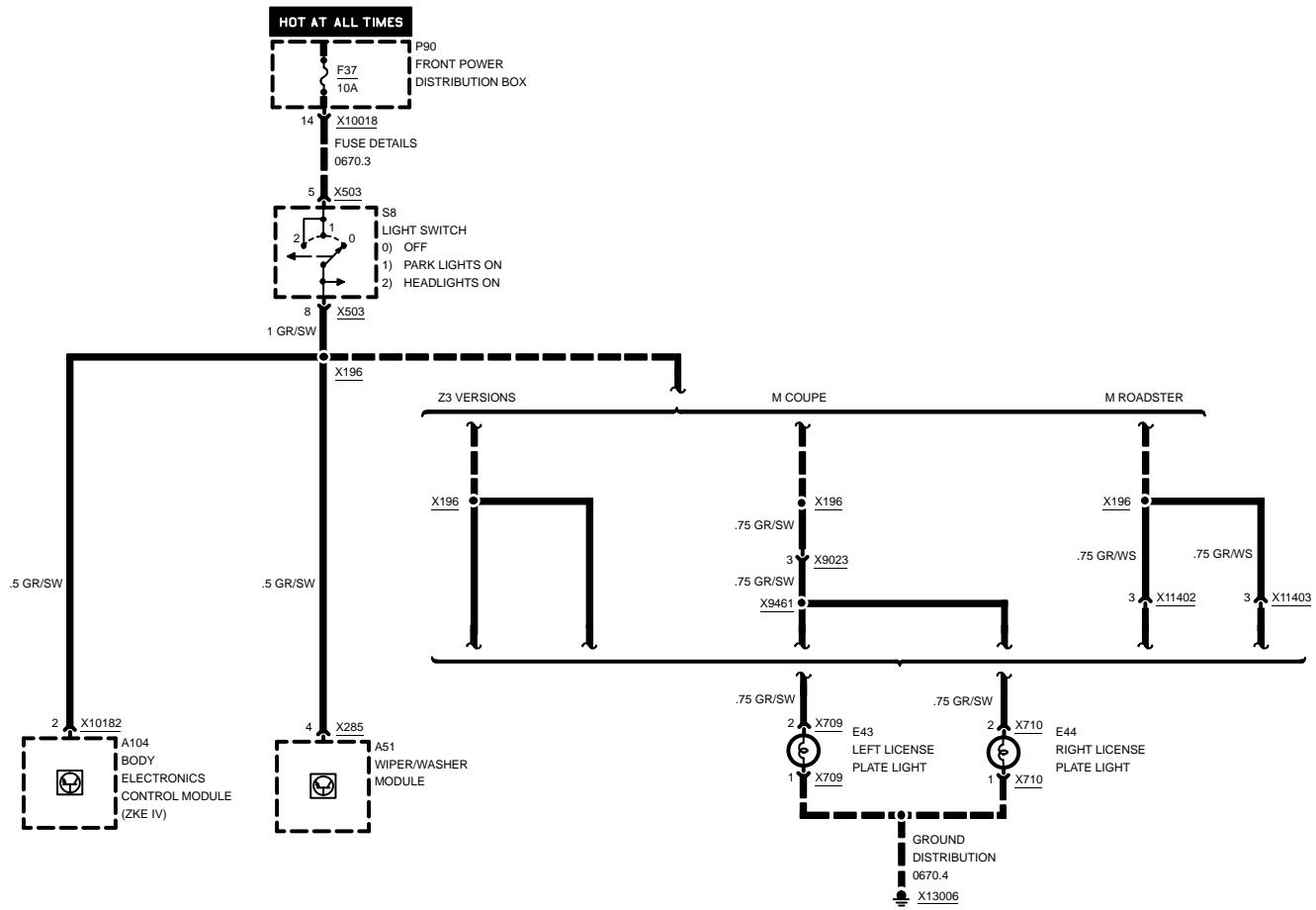
06/00

6320.0-00

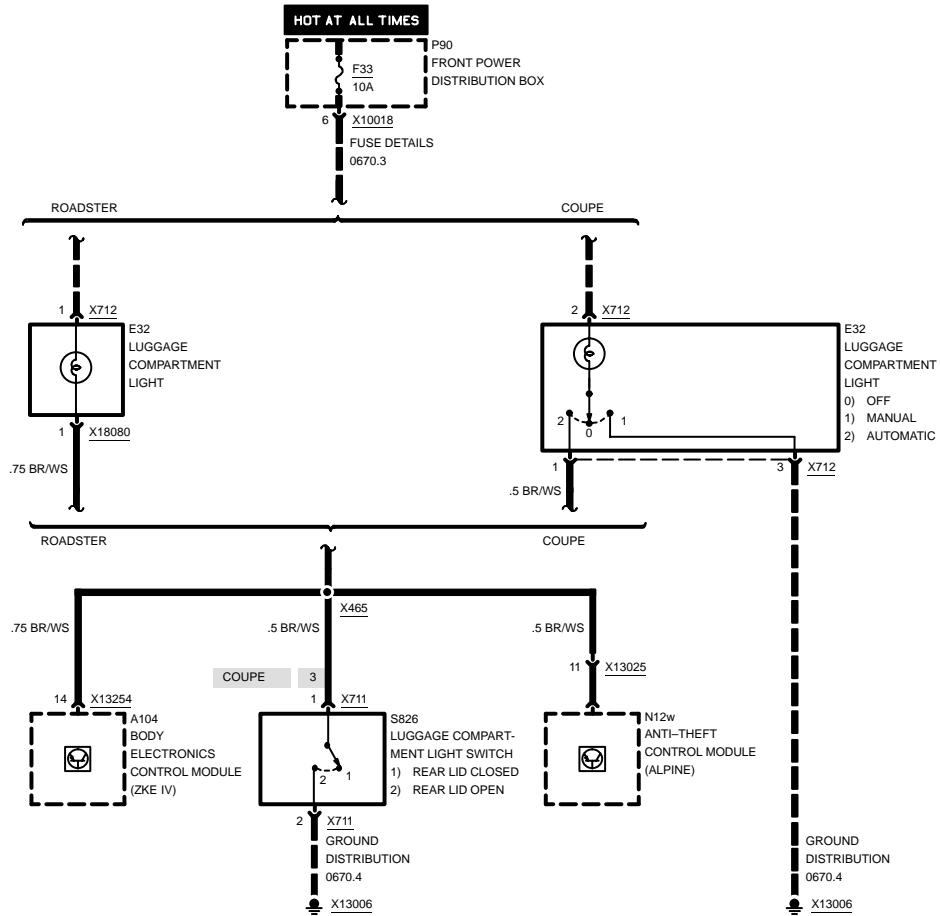
2001

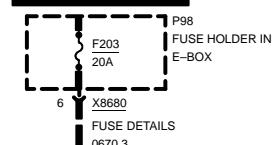
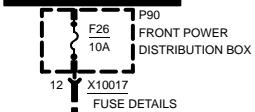




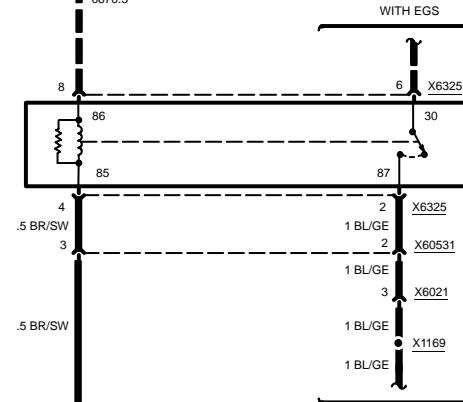


## LICENSE PLATE/LUGGAGE COMPARTMENT LIGHTS

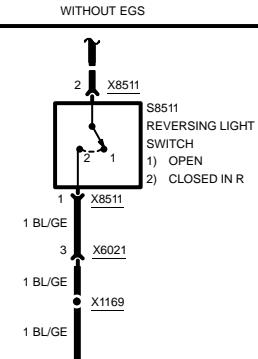


**6322.0 BACK UP LIGHTS****HOT IN RUN AND START****HOT IN RUN AND START**

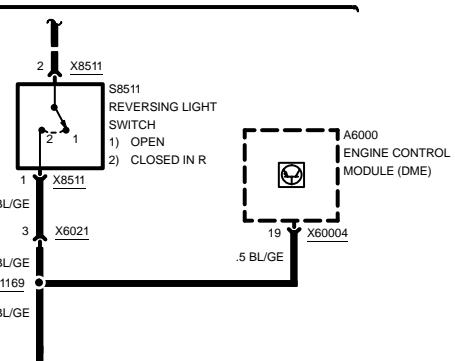
Z3 VERSIONS WITH EGS



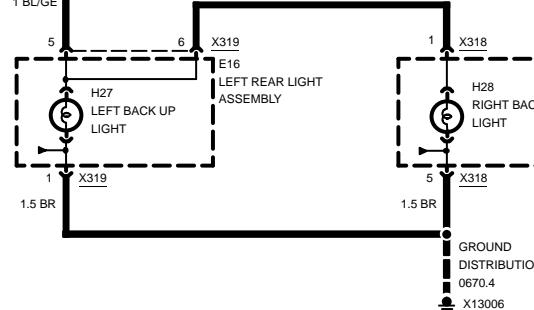
Z3 VERSIONS WITHOUT EGS

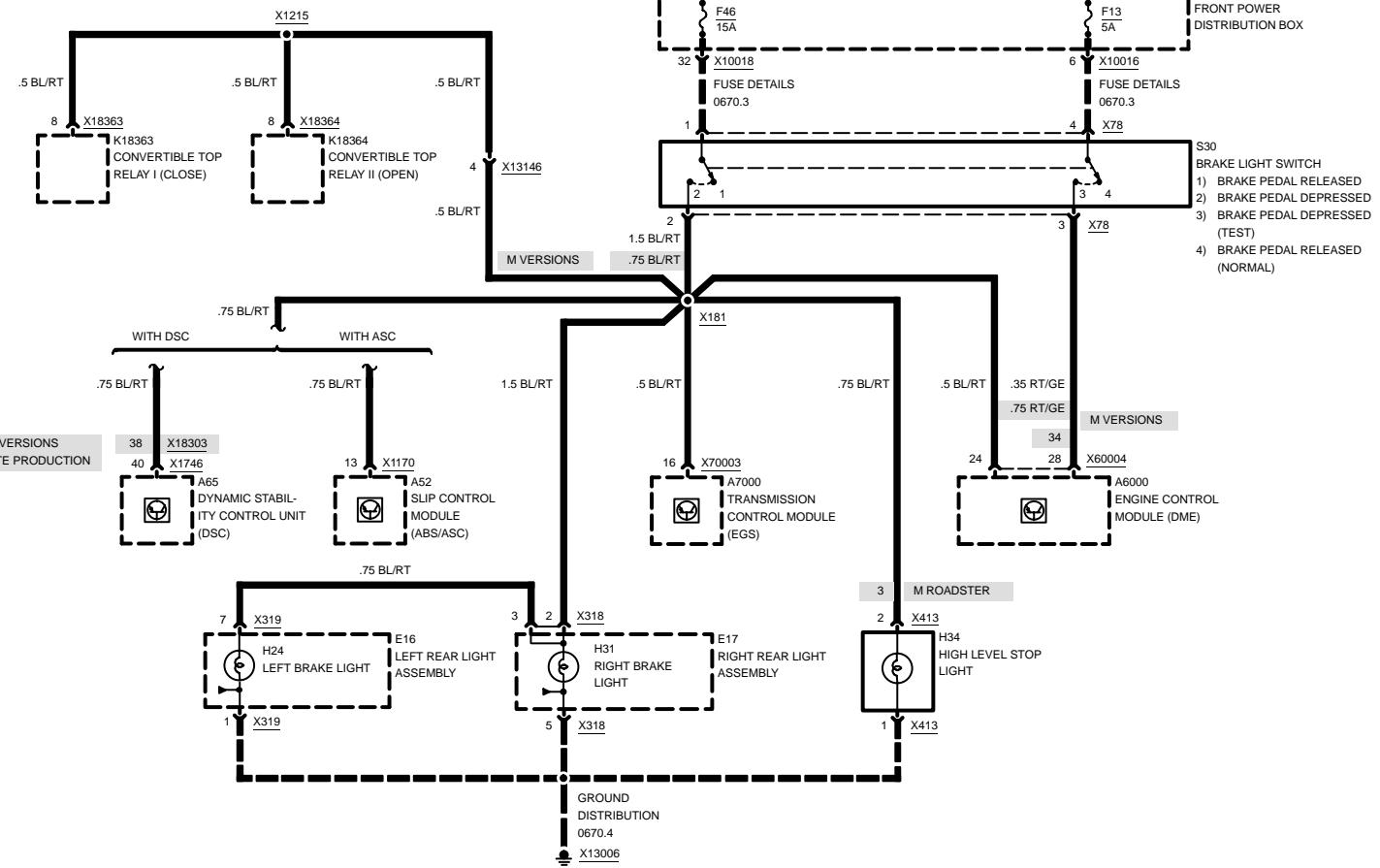


M VERSIONS

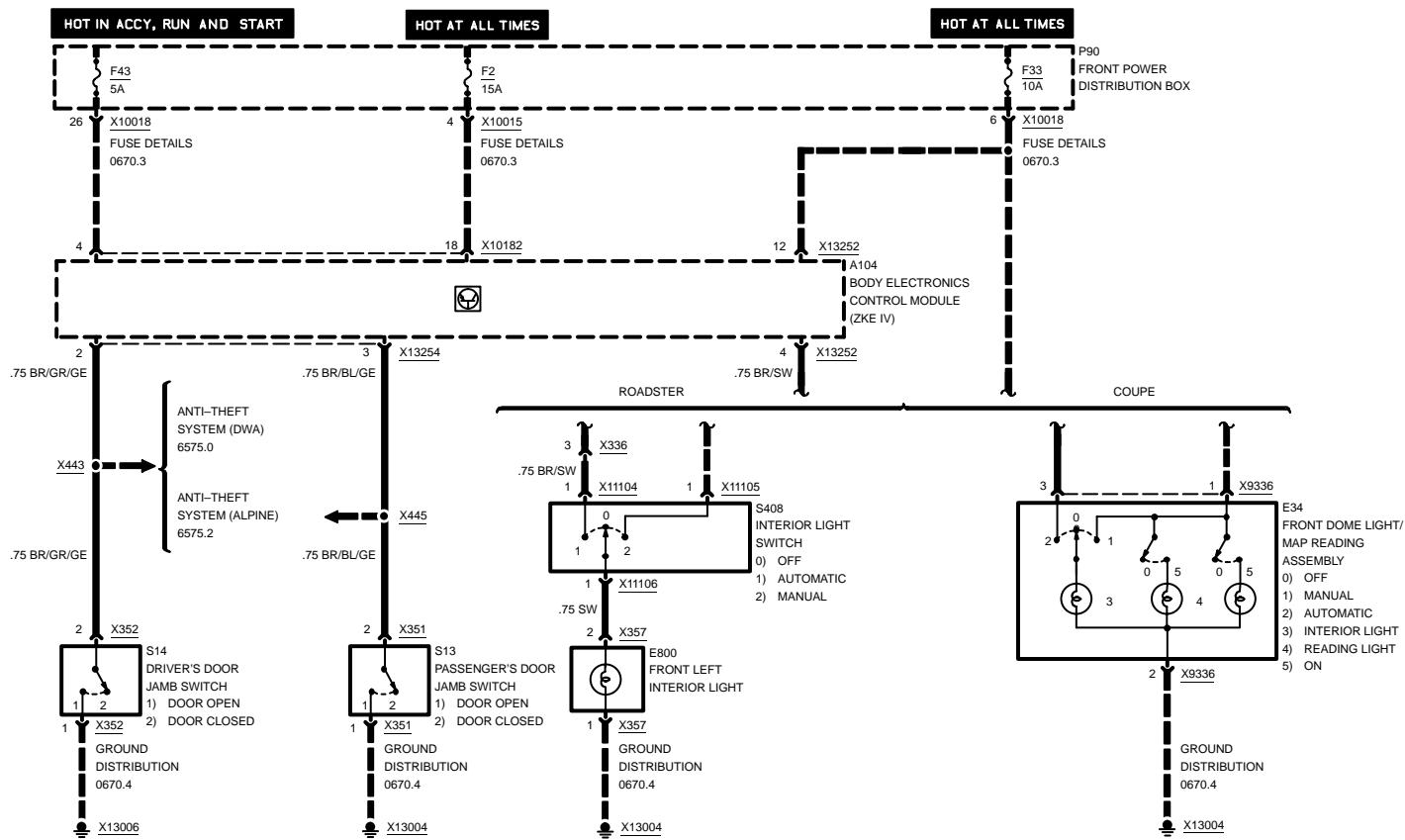


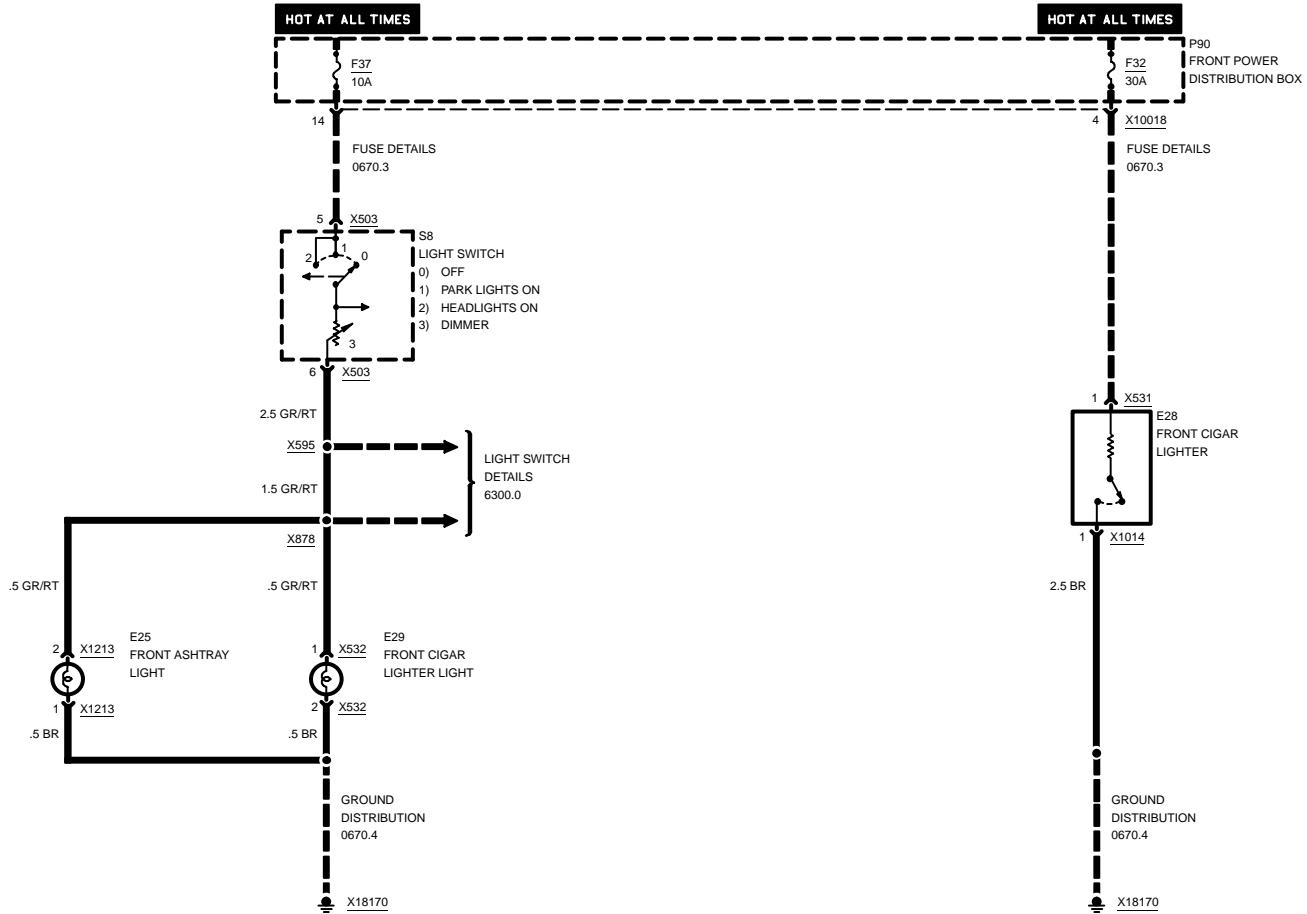
.75 BL/GE

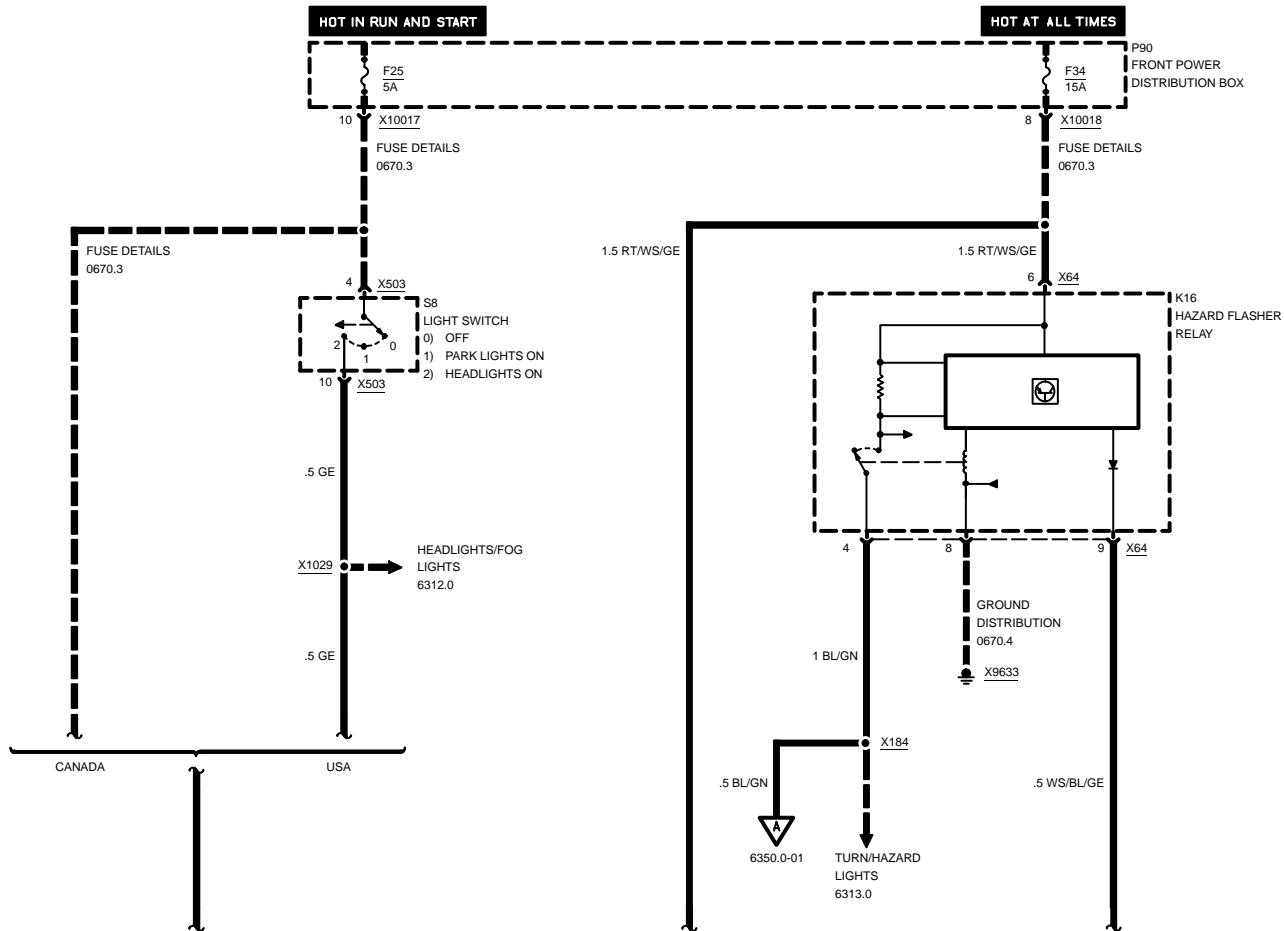


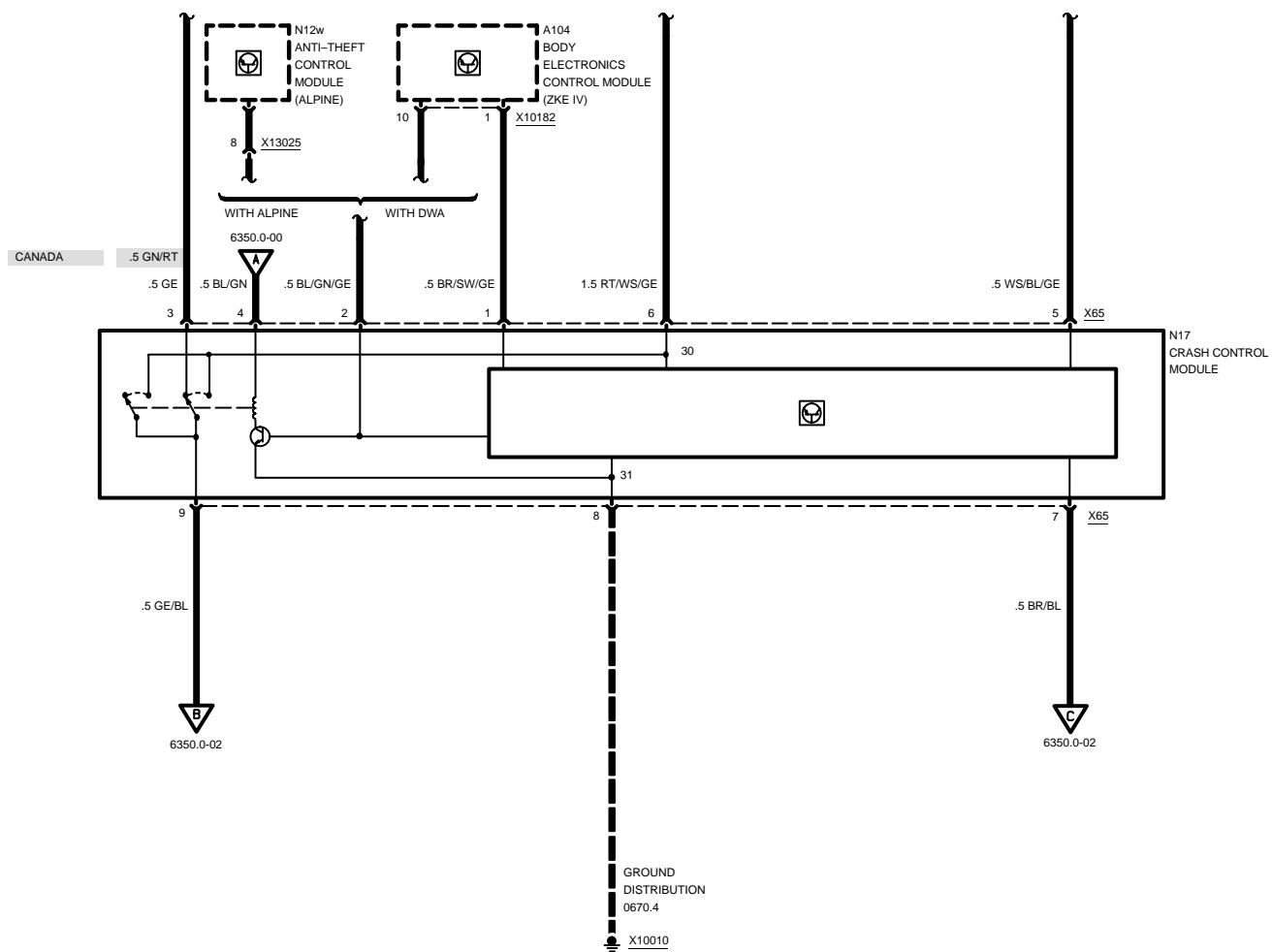


## 6330.3 INTERIOR LIGHTS

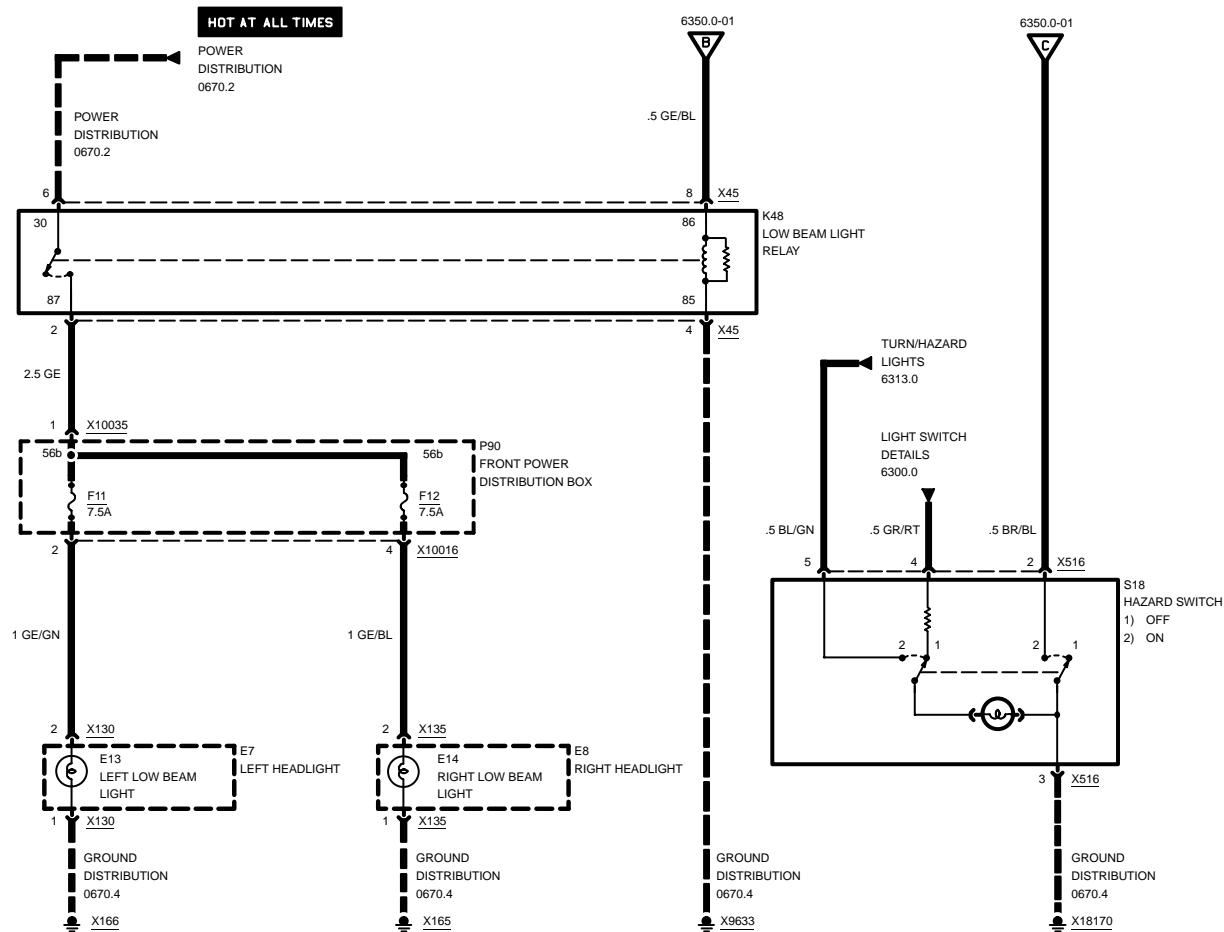


**6332.0 INTERIOR ACCESSORIES**

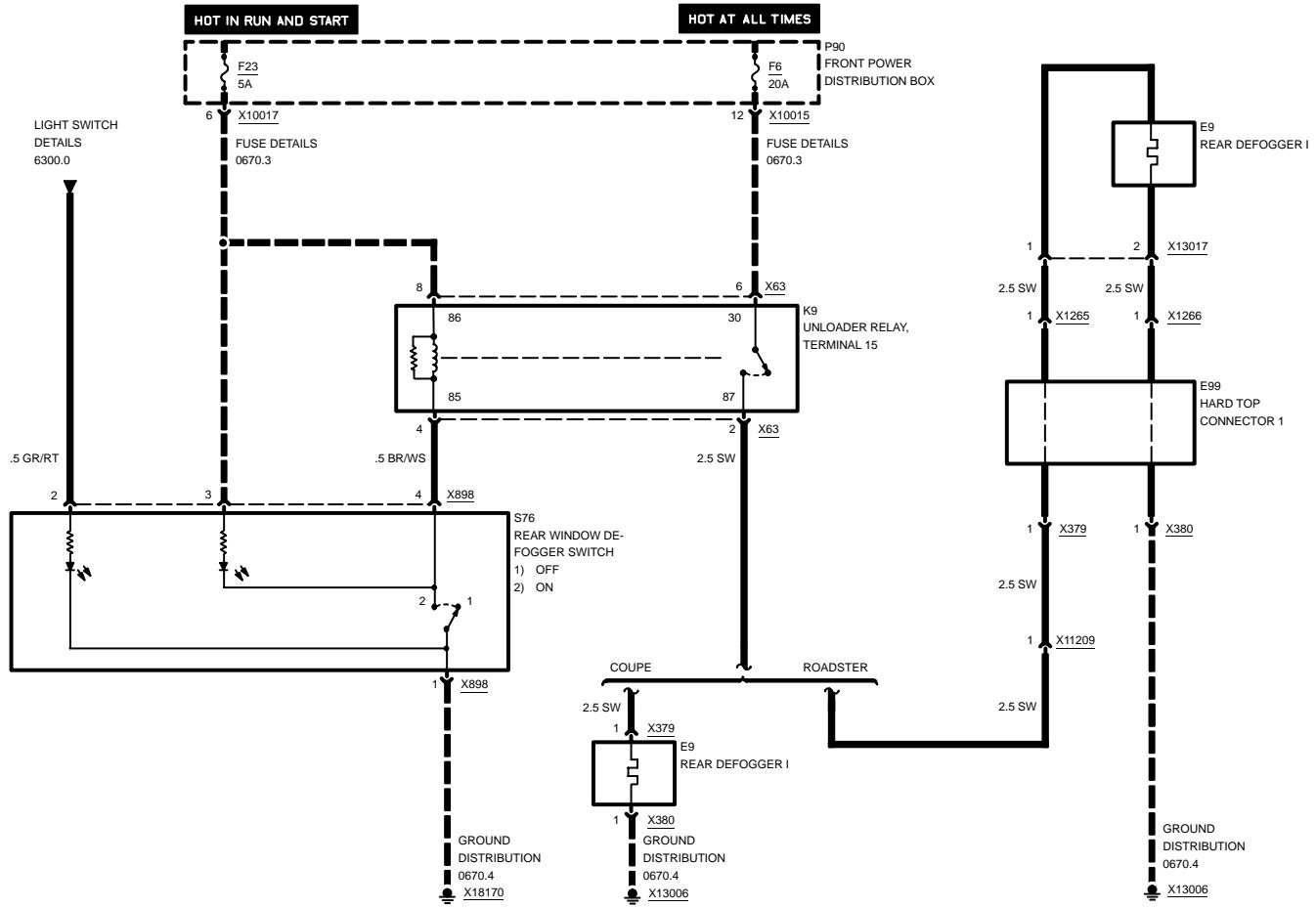
**6350.0 CRASH CONTROL MODULE**



## CRASH CONTROL MODULE



## 6424.0 REAR WINDOW DEFOGGER



## 6450.6 INTEGRATED HEATING- AND CLIMATE CONTROL

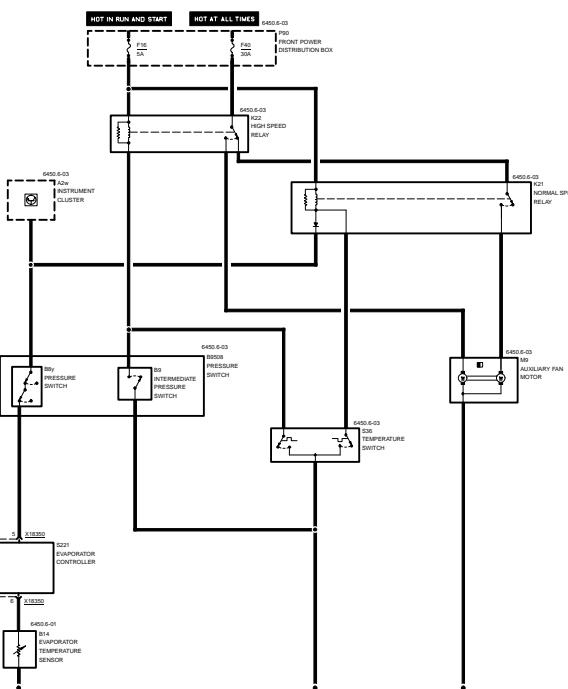
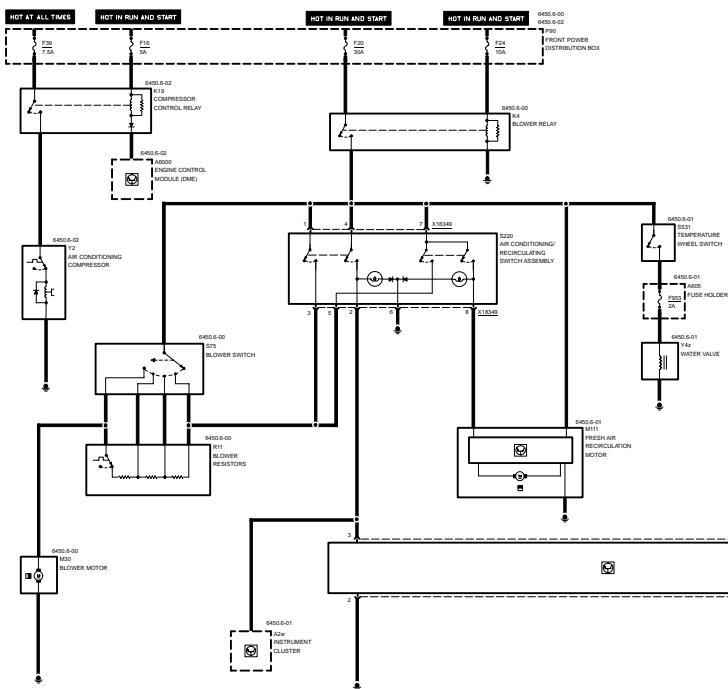
Z3 VERSIONS

01/01

6450.6a

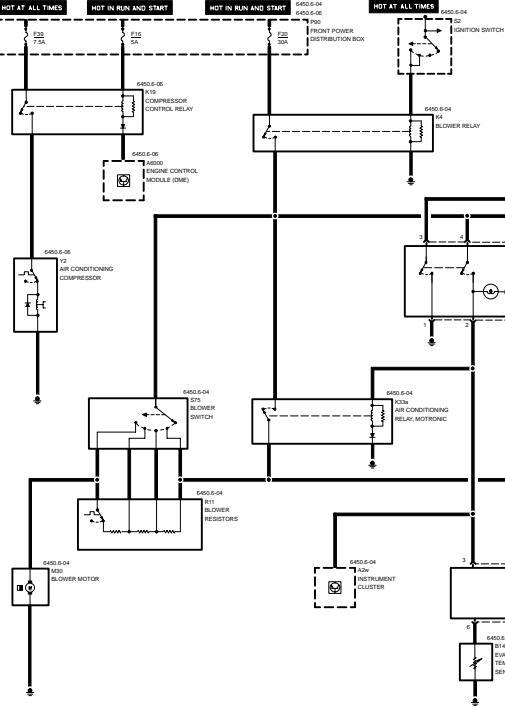
2001

### AUXILIARY FAN



## INTEGRATED HEATING- AND CLIMATE CONTROL

M VERSIONS

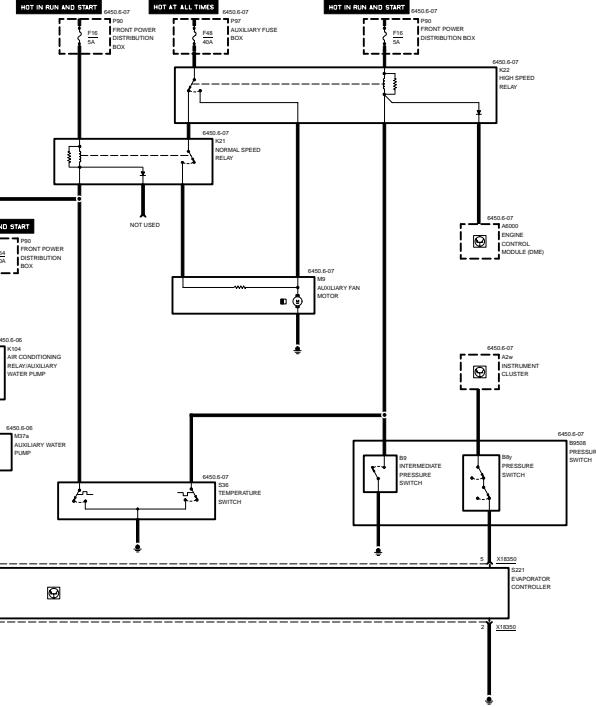


01/01

6450.6b

2001

## AUXILIARY FAN



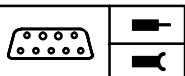


01/01

6450.6a-a

2001

Z3



## Pin Assignments (Z3 Versions)

X18349 8 Pins, black

X18350 6 Pins, black

### X18349

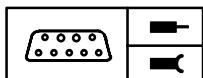
Pin	Type	Description/Function	Connection
1	E	Terminal 15	Heating blower relay
2	A	A/C-ON-signal	Evaporator controller
3	A	Blower level 1 (air conditioning)	Blower resistor
4	E	Terminal 15	Heating blower relay
5	A	Blower level 1 (air-recirculation)	Blower resistor
6	M	Ground for function lights	Ground point
7	E	Terminal 15	Heating blower relay
8	A	Activate fresh air-recirculation	Fresh air-recirculation motor

### X18350

Pin	Type	Description/Function	Connection
1		Not used	
2	M	Ground	Ground point
3	E	A/C-ON-signal	Air conditioning/recirculated air operating unit
4		Not used	
5	A	Activate A/C compressor	Pressure switch
6	E	Evaporator temperature	Evaporator temperature sensor

E = Input, A = Output, M = Ground

Z3



## Pin Assignments (M Versions)

X18349 8 Pins, black

X18350 6 Pins, black

### X18349

Pin	Type	Description/Function	Connection
1	M	Ground	Ground point
2	A	A/C-ON-signal	Evaporator controller
3	A	A/C-ON-signal	Normal speed relay
4	E	Terminal 15	Heating blower relay
5	A	Blower level 1 (air-recirculation)	Blower resistor
6	M	Ground for function lights	Ground point
7	E	Terminal 15	Heating blower relay
8	A	Activate fresh air-recirculation	Fresh air-recirculation motor

### X18350

Pin	Type	Description/Function	Connection
1		Not used	
2	M	Ground	Ground point
3	E	A/C-ON-signal	Air conditioning/recirculating switch assembly
4		Not used	
5	A	Activate A/C compressor	Pressure switch
6	E	Evaporator temperature	Evaporator temperature sensor

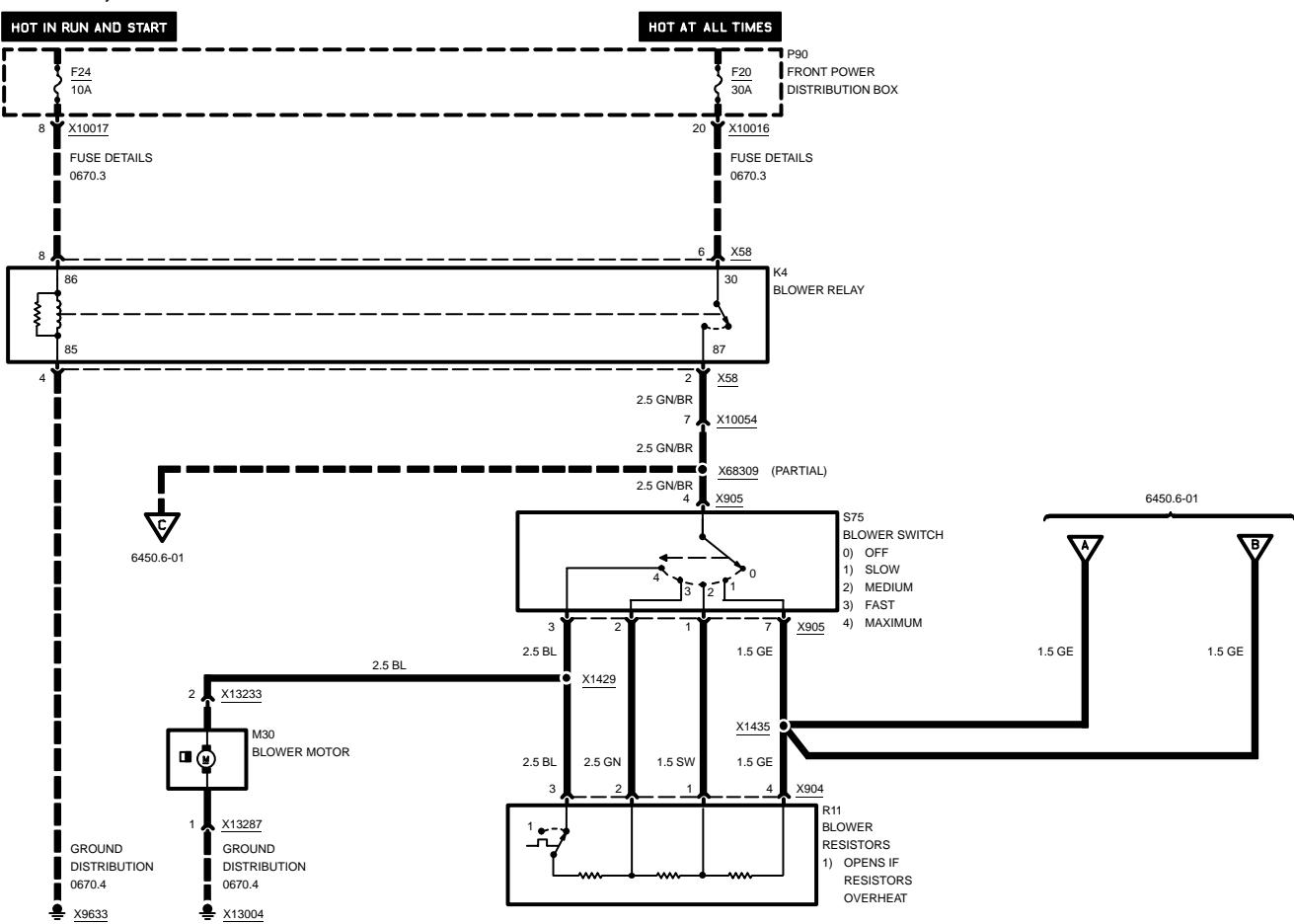
E = Input, A = Output, M = Ground

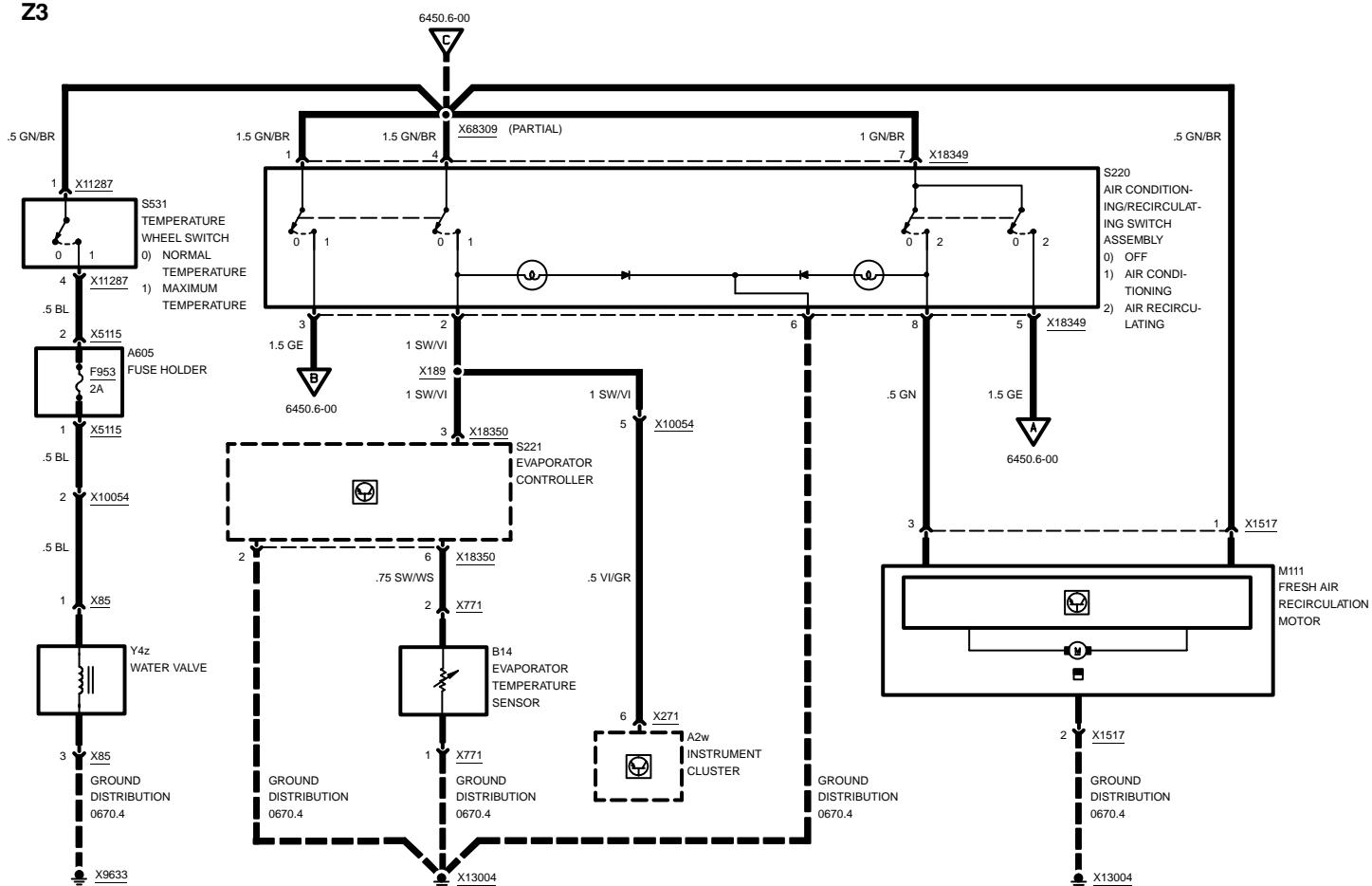
**INTEGRATED HEATING- AND CLIMATE CONTROL**  
**POWER, AIR FLOW CONTROL****Z3 VERSIONS**

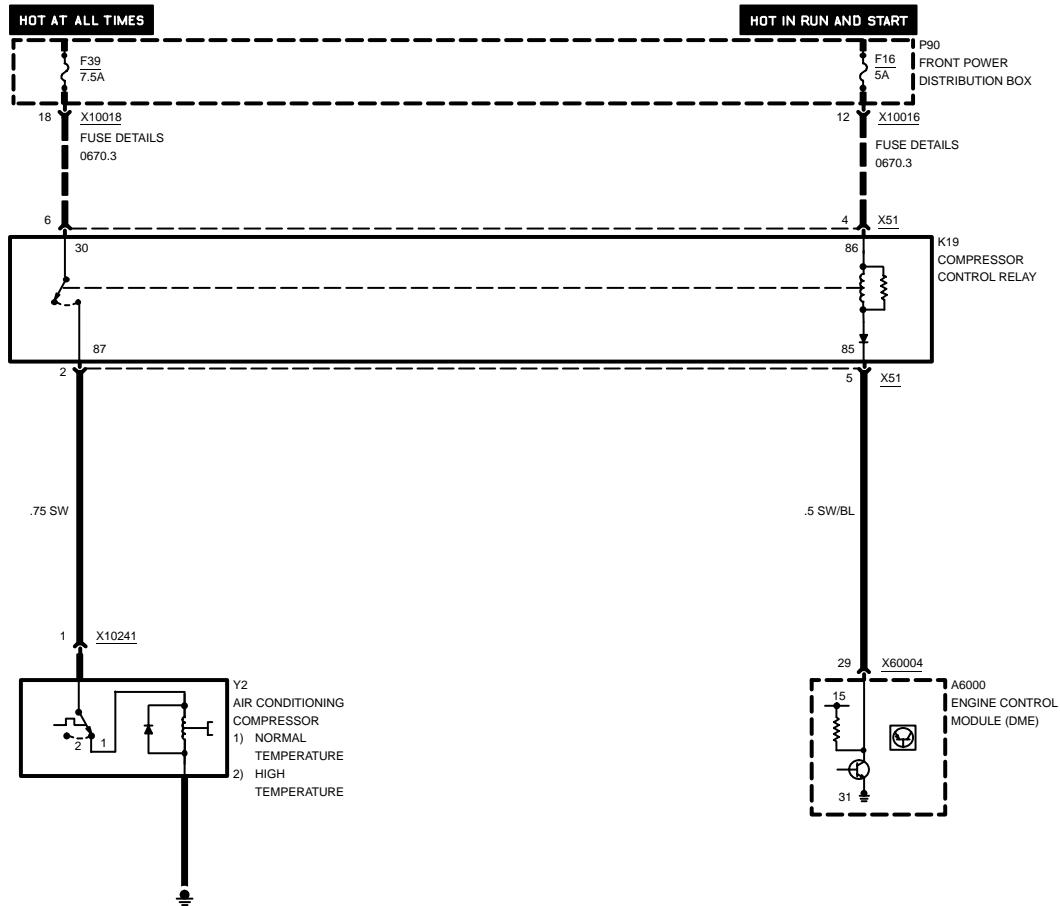
01/01

6450.6-00

2001



**INTEGRATED HEATING- AND CLIMATE CONTROL****Z3 VERSIONS**

**INTEGRATED HEATING- AND CLIMATE CONTROL**  
**COMPRESSOR CONTROLS****Z3 VERSIONS**

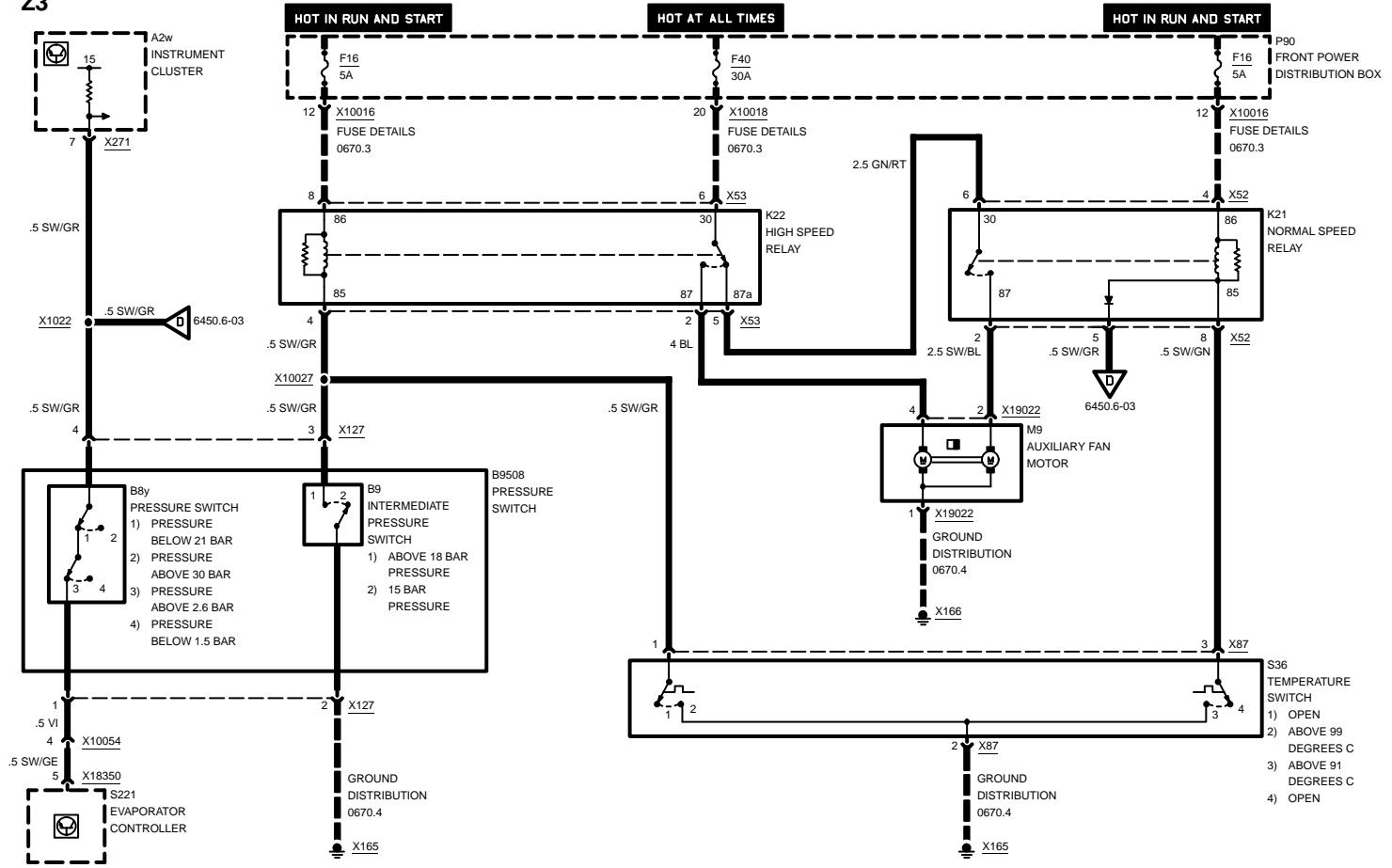
# BMW 3 INTEGRATED HEATING- AND CLIMATE CONTROL

## Z3 VERSIONS

BMW  
3

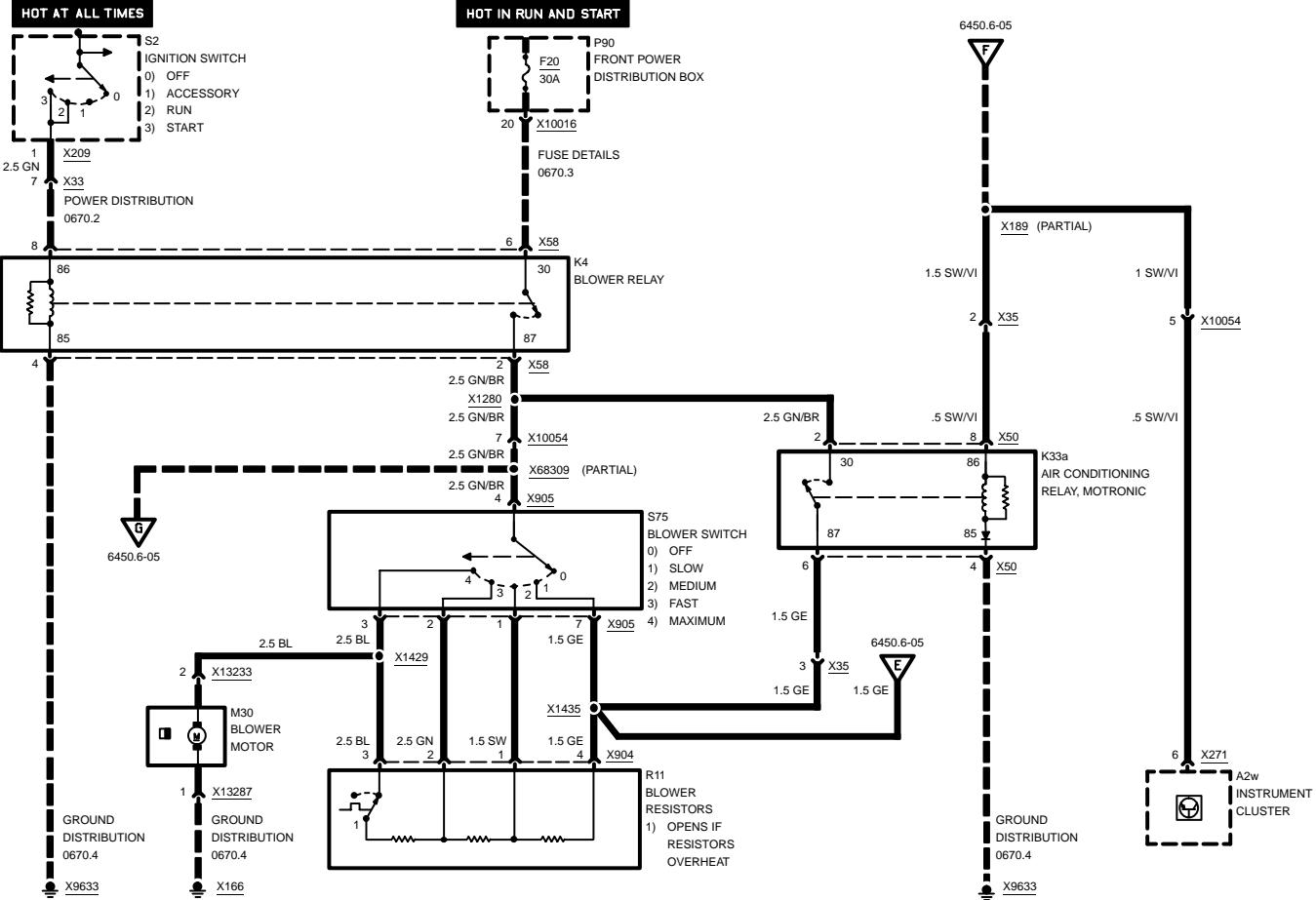
AUXILIARY FAN

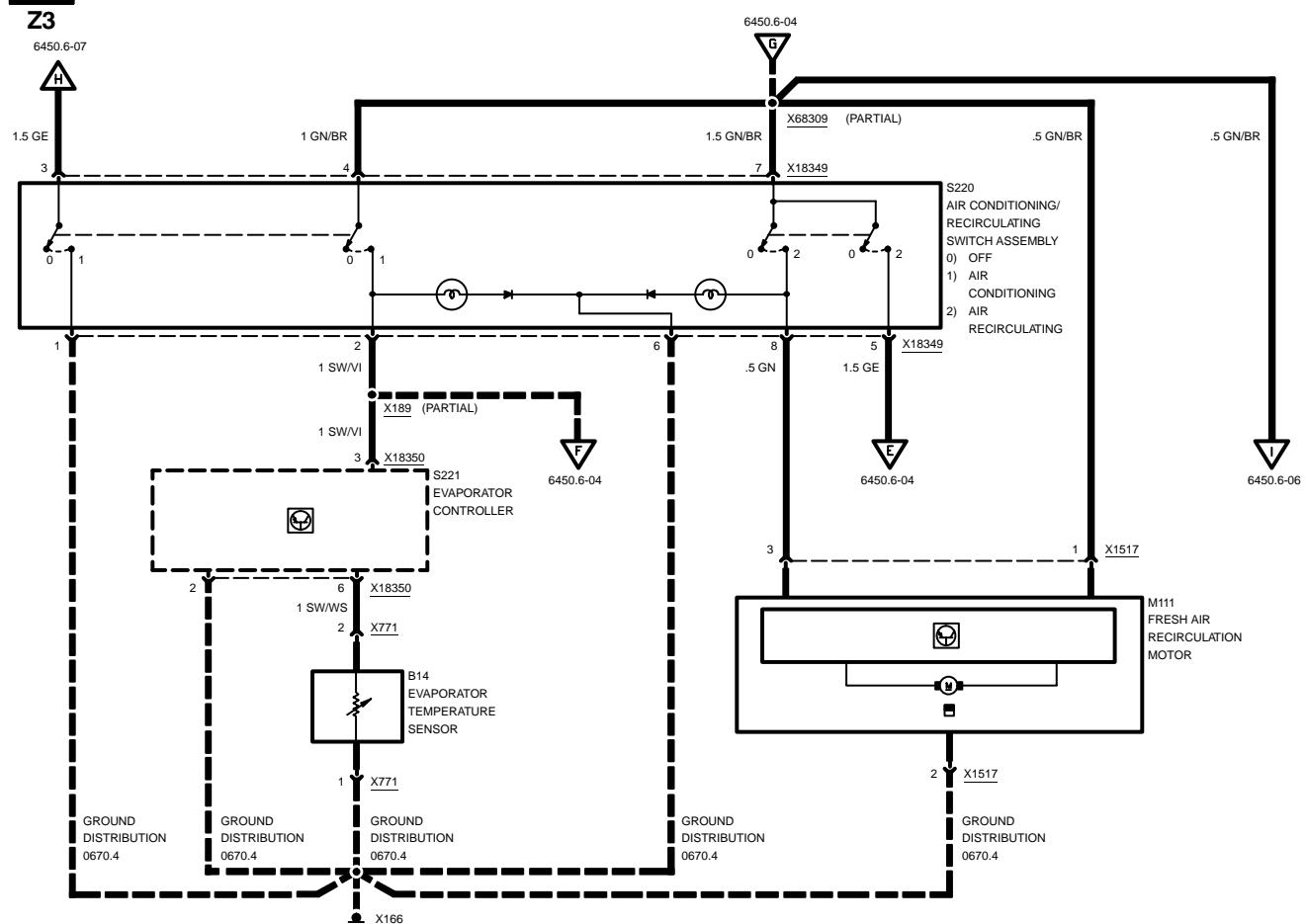
Z3



**BMW  
3** INTEGRATED HEATING- AND CLIMATE CONTROL  
POWER, AIR FLOW CONTROL

M VERSIONS

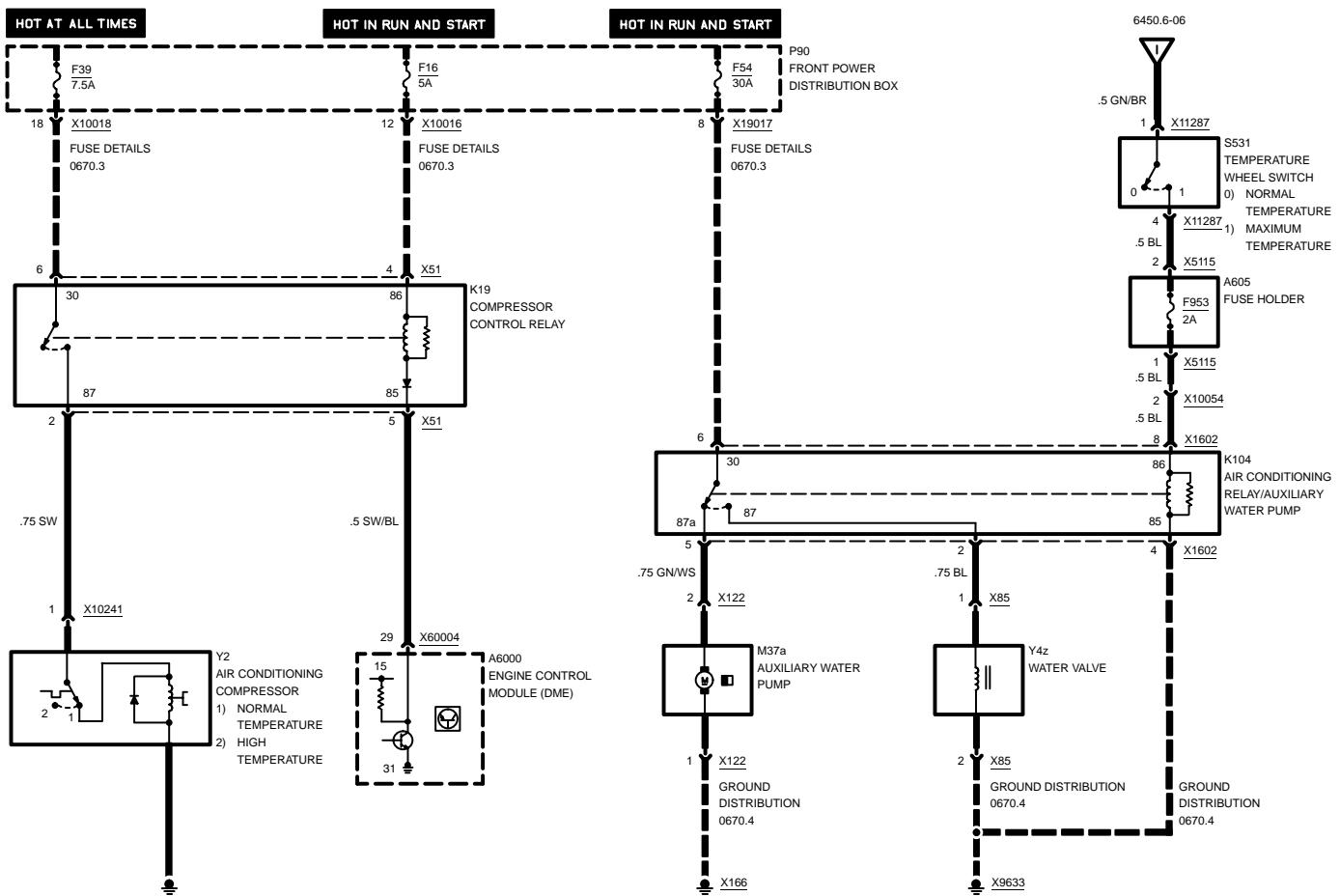


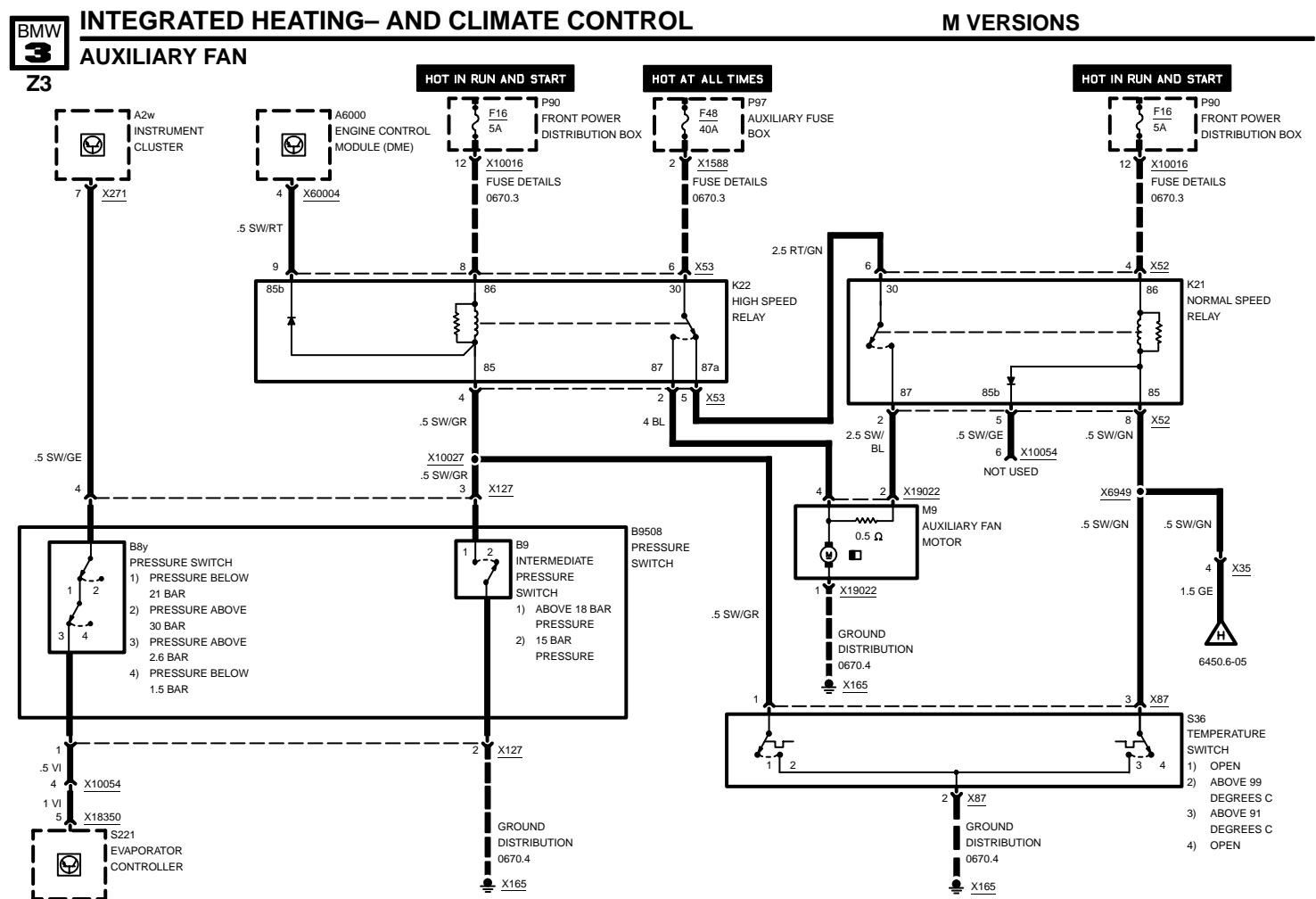


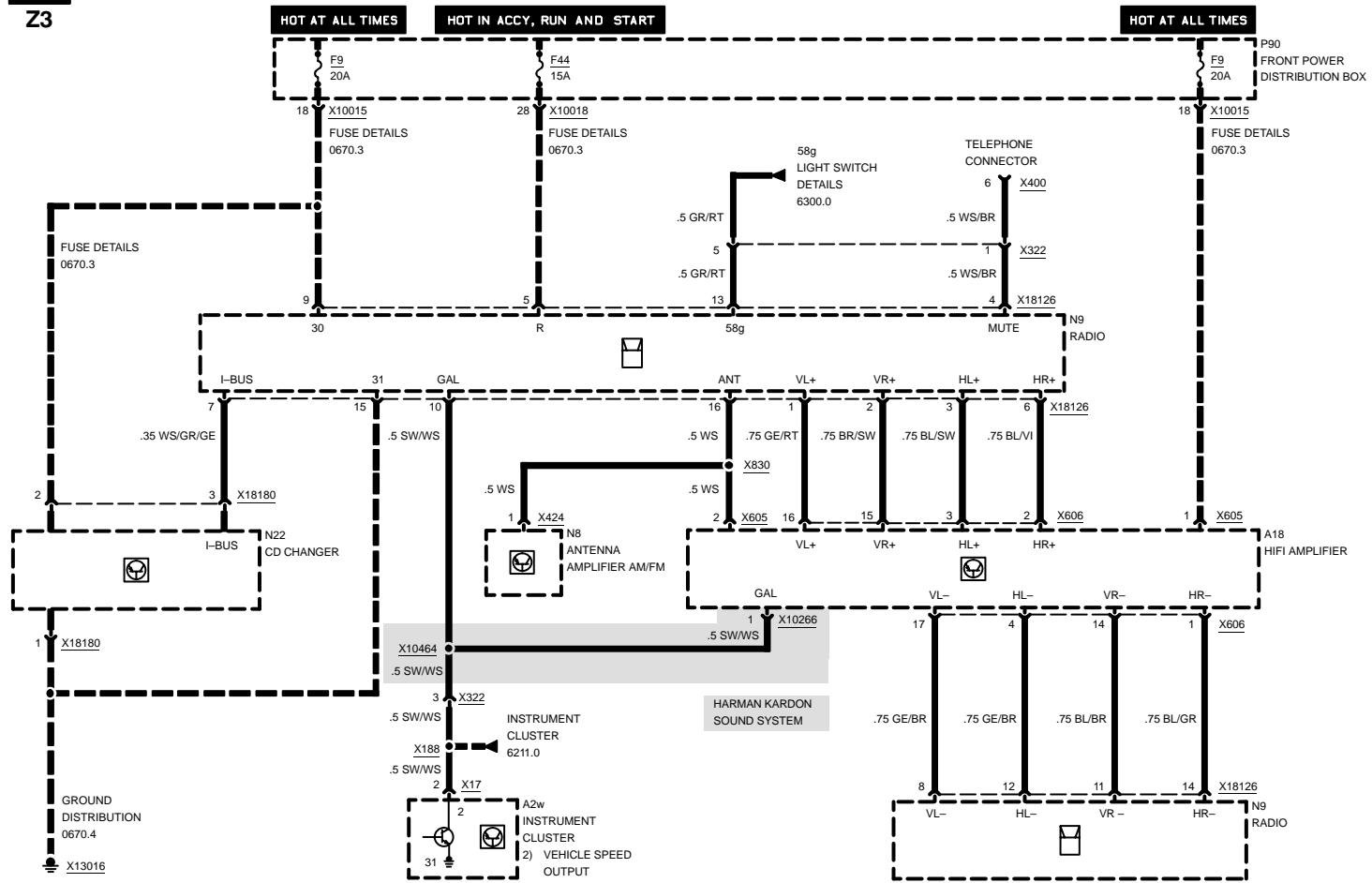
# INTEGRATED HEATING- AND CLIMATE CONTROL

## COMPRESSOR CONTROL AND WATER SUPPLY

M VERSIONS







**BMW**  
**3**

## RADIO/HIFI

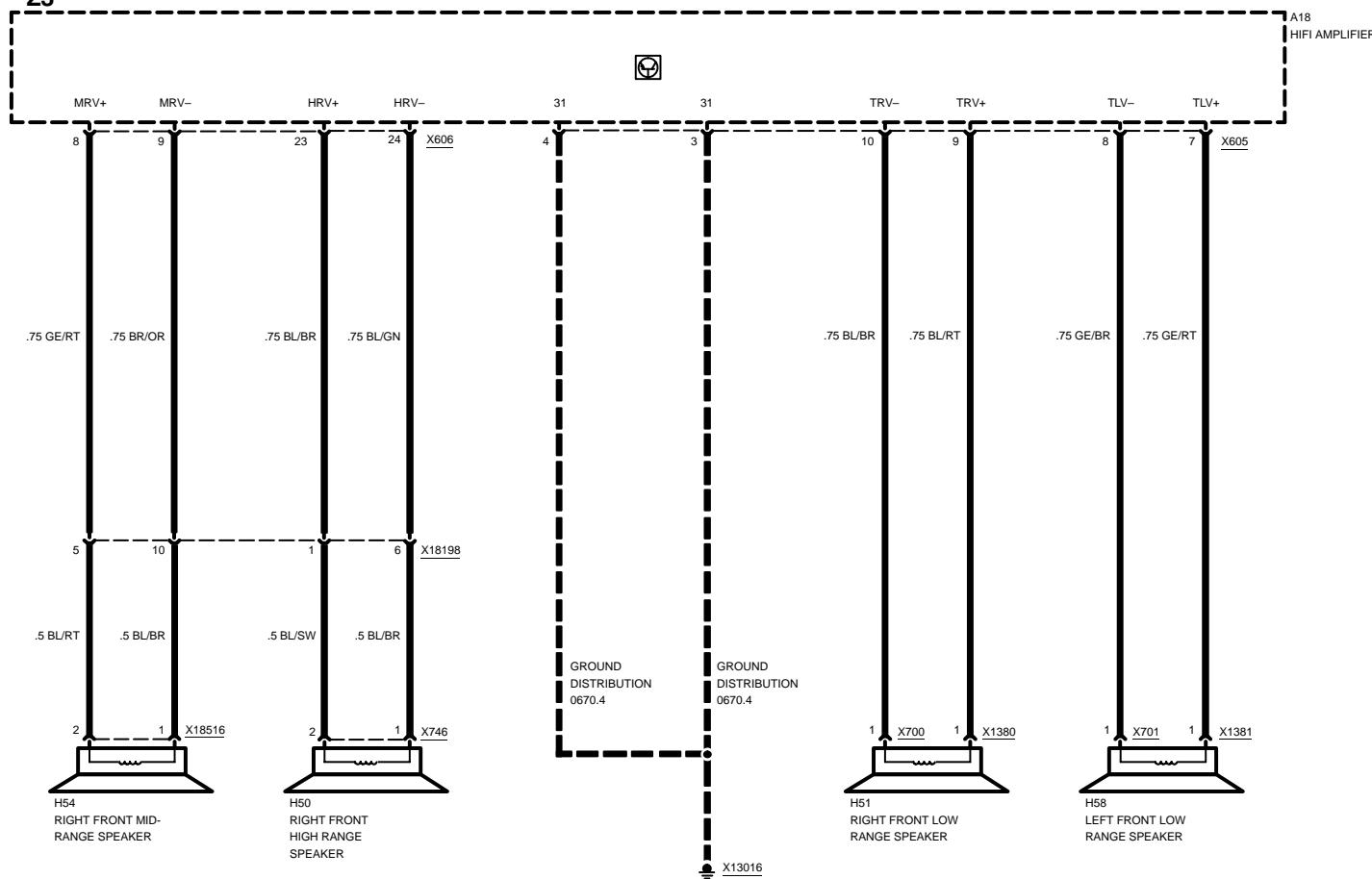
**COUPE**

**Z3**

06/00

6510.1-01

2001

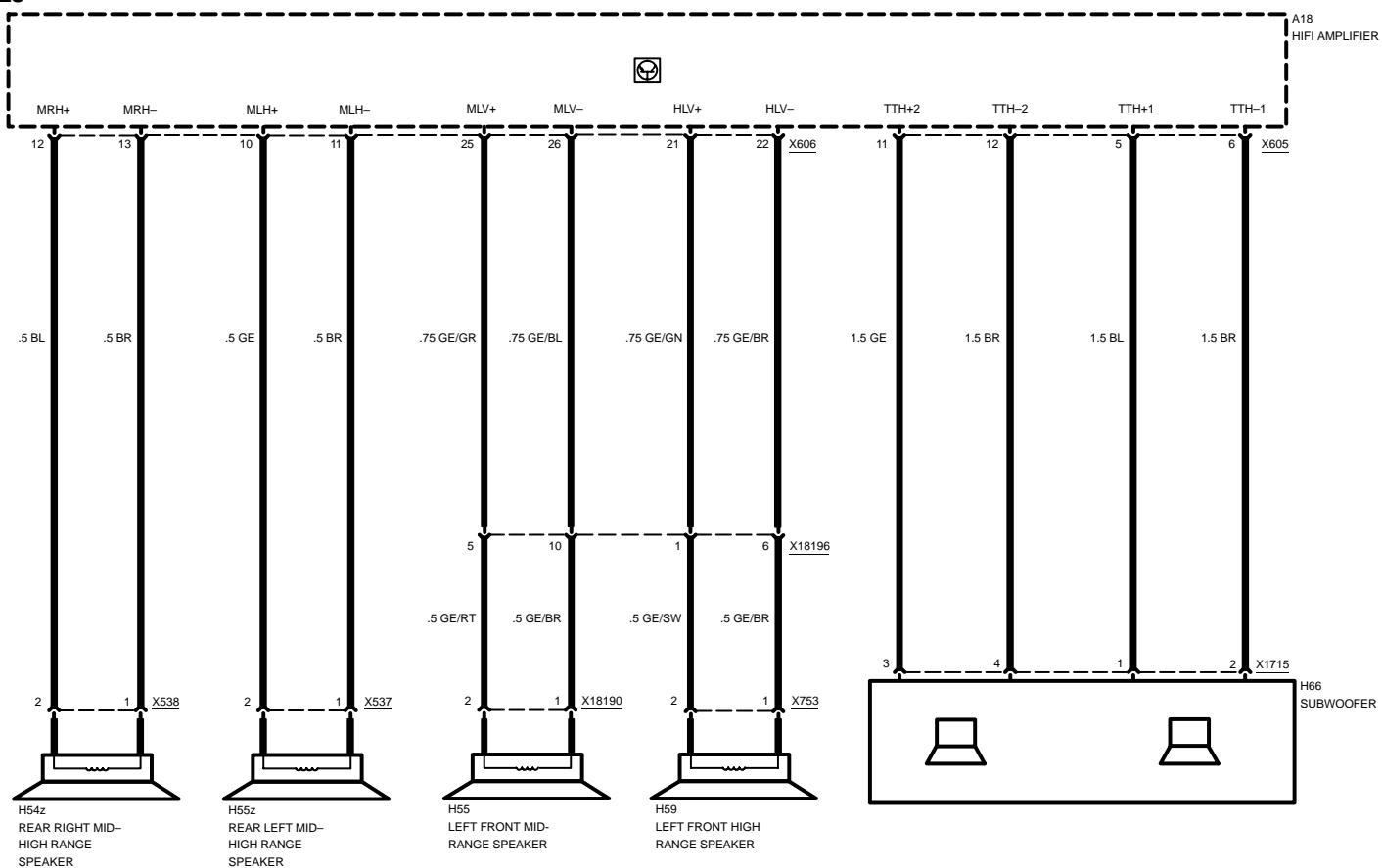


**BMW**  
**3**

## RADIO/HIFI

## COUPE WITH HARMAN KARDON SOUND SYSTEM

Z3



01/01

6510.1-02

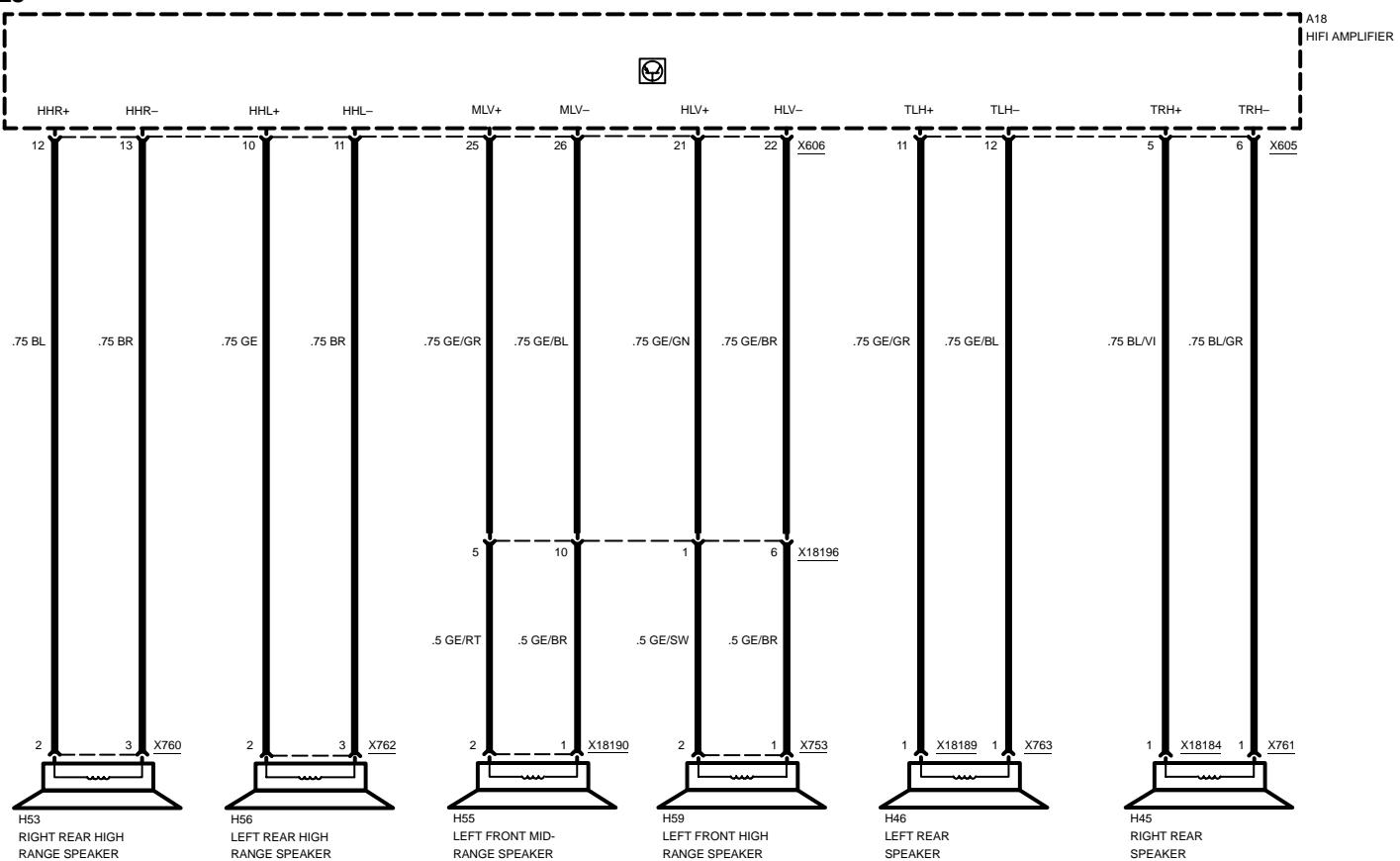
2001

**BMW**  
**3**

## RADIO/HIFI

## COUPE WITH HIFI

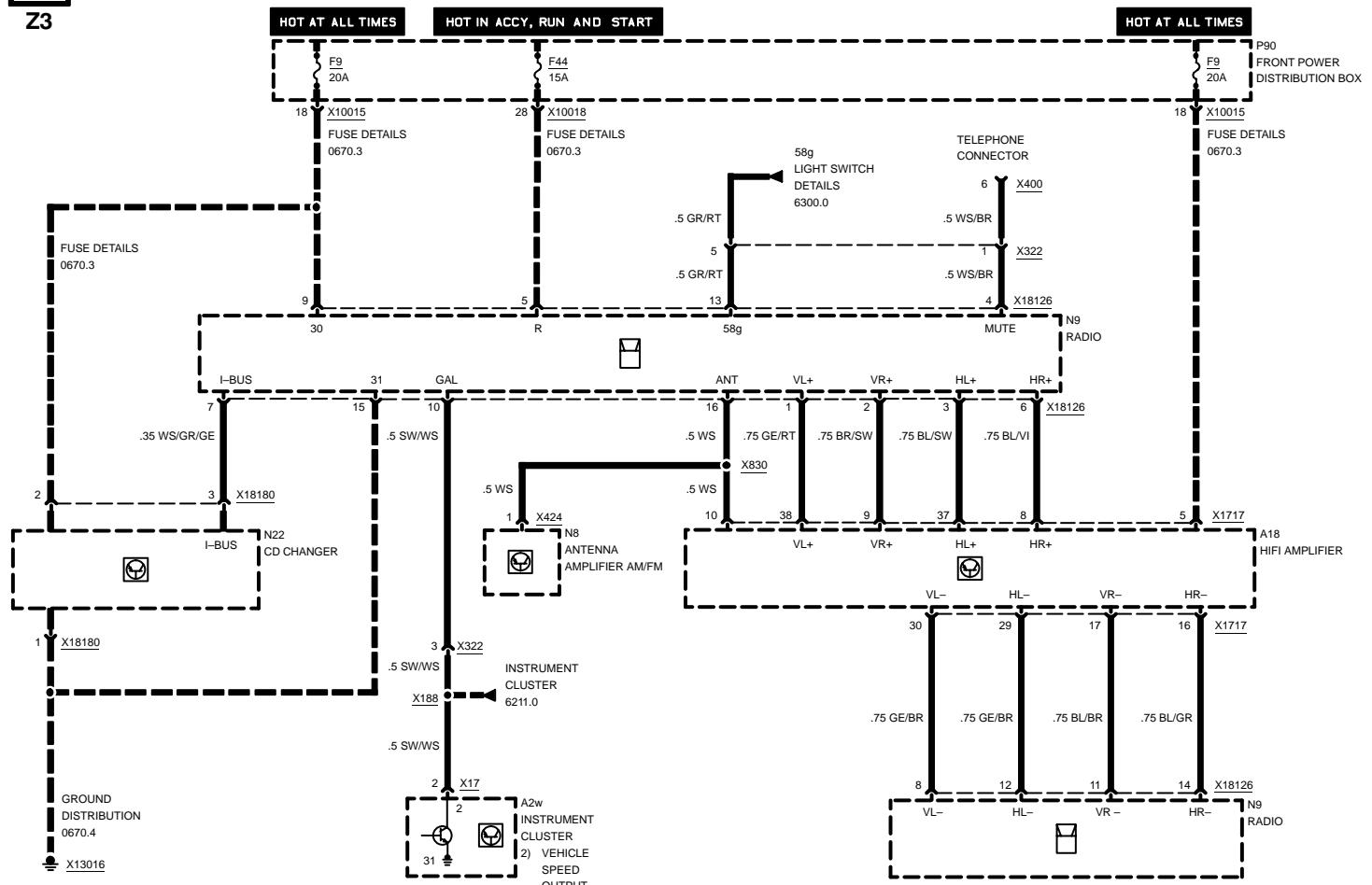
Z3

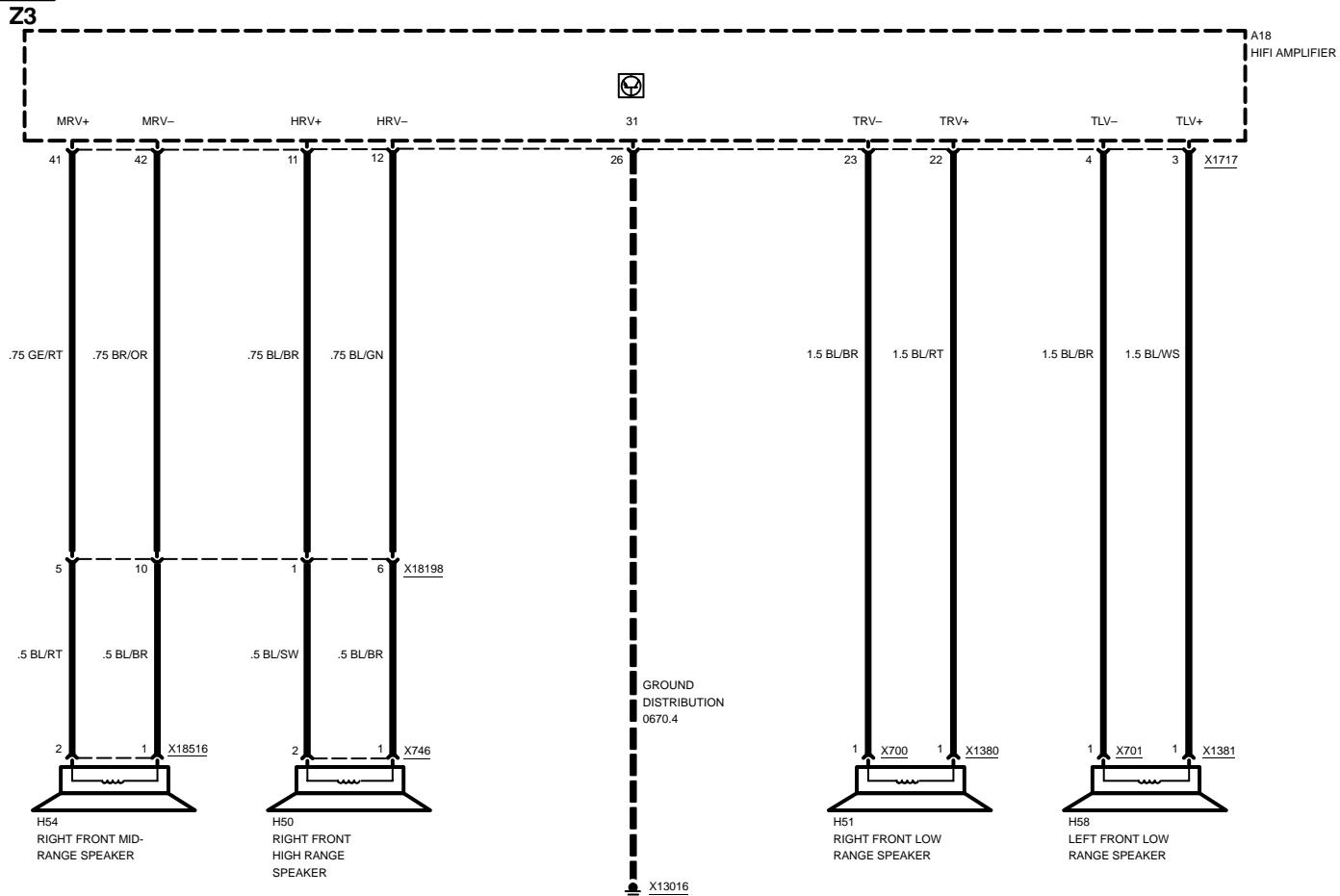


06/00

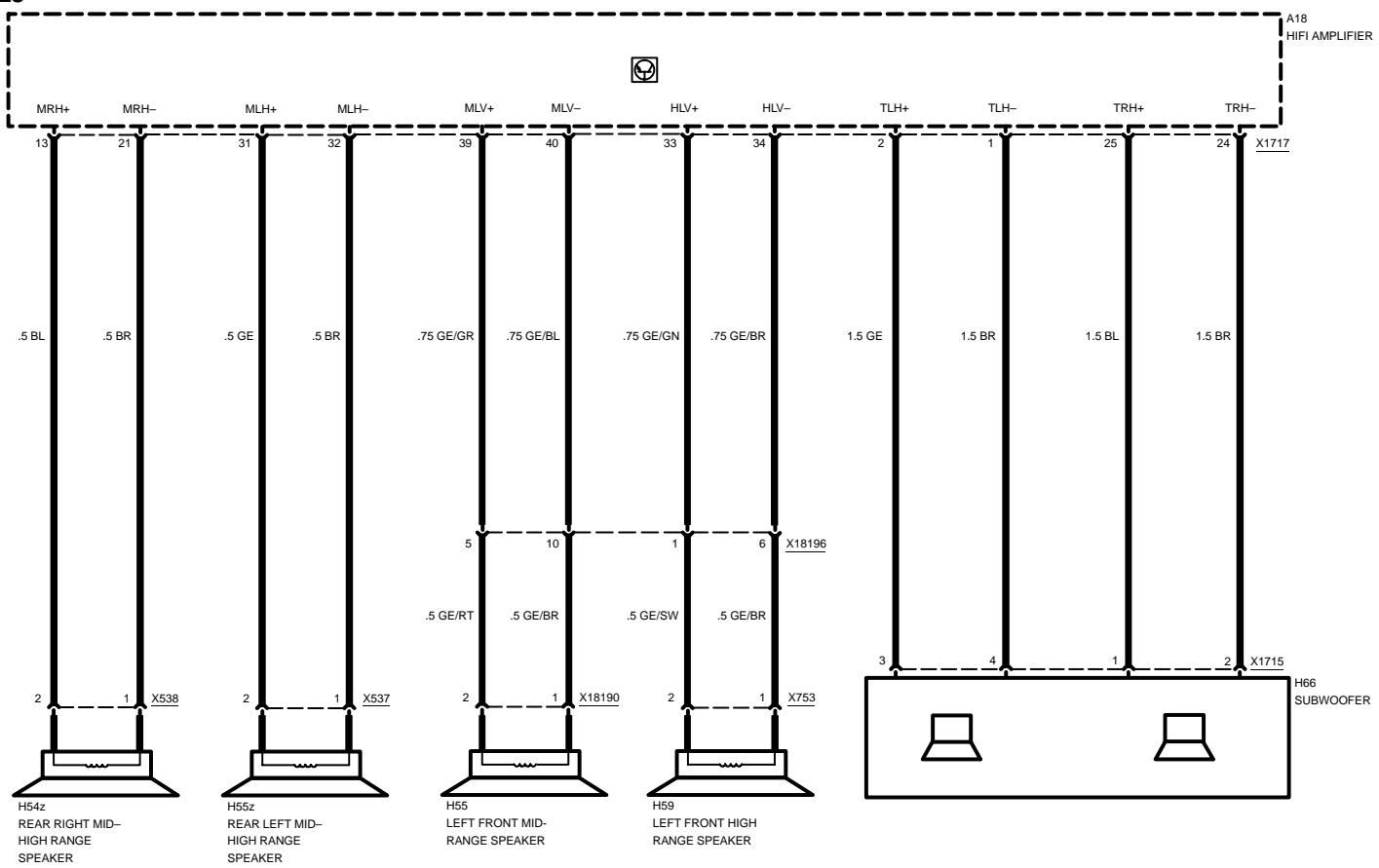
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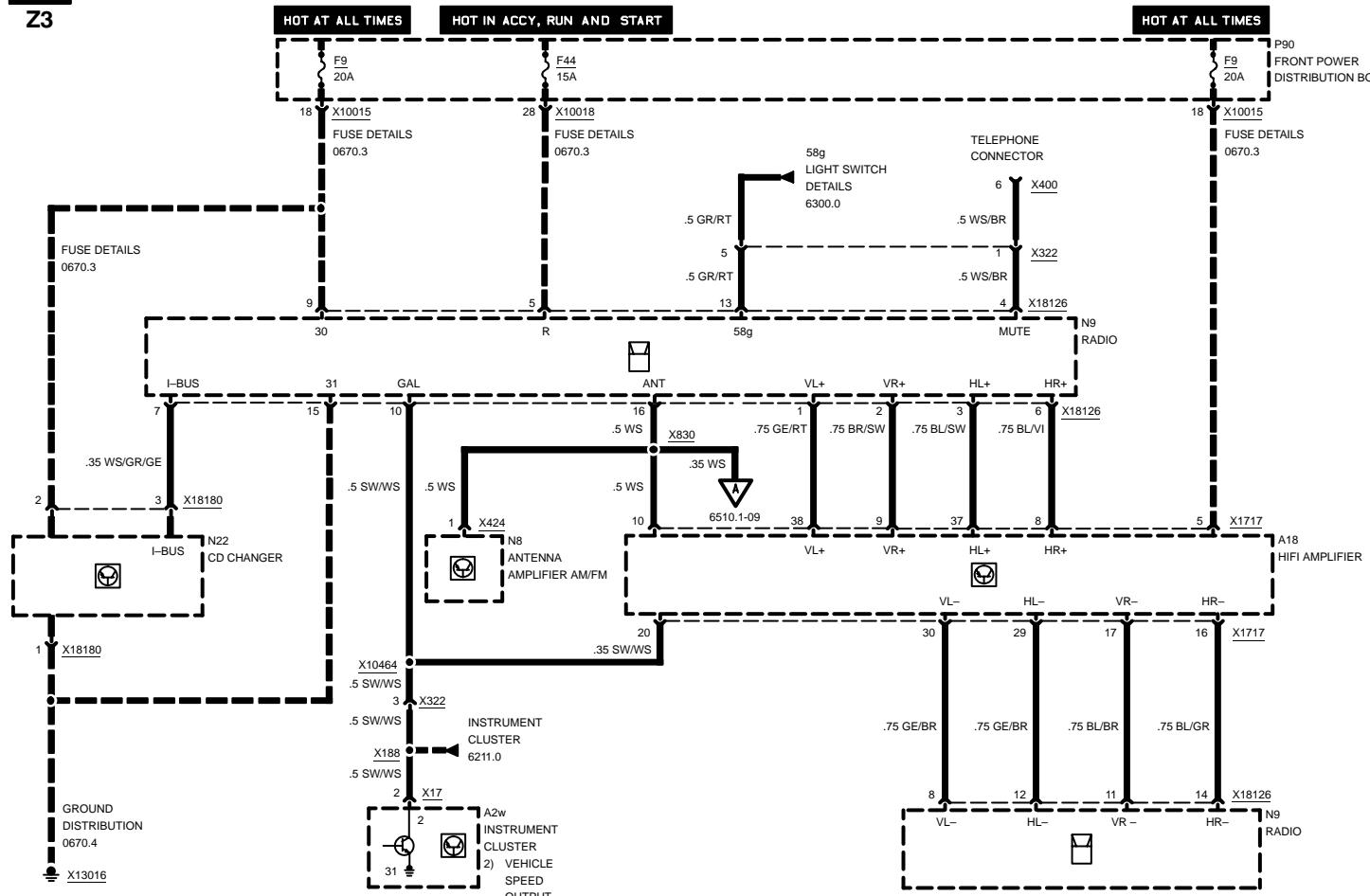
2001



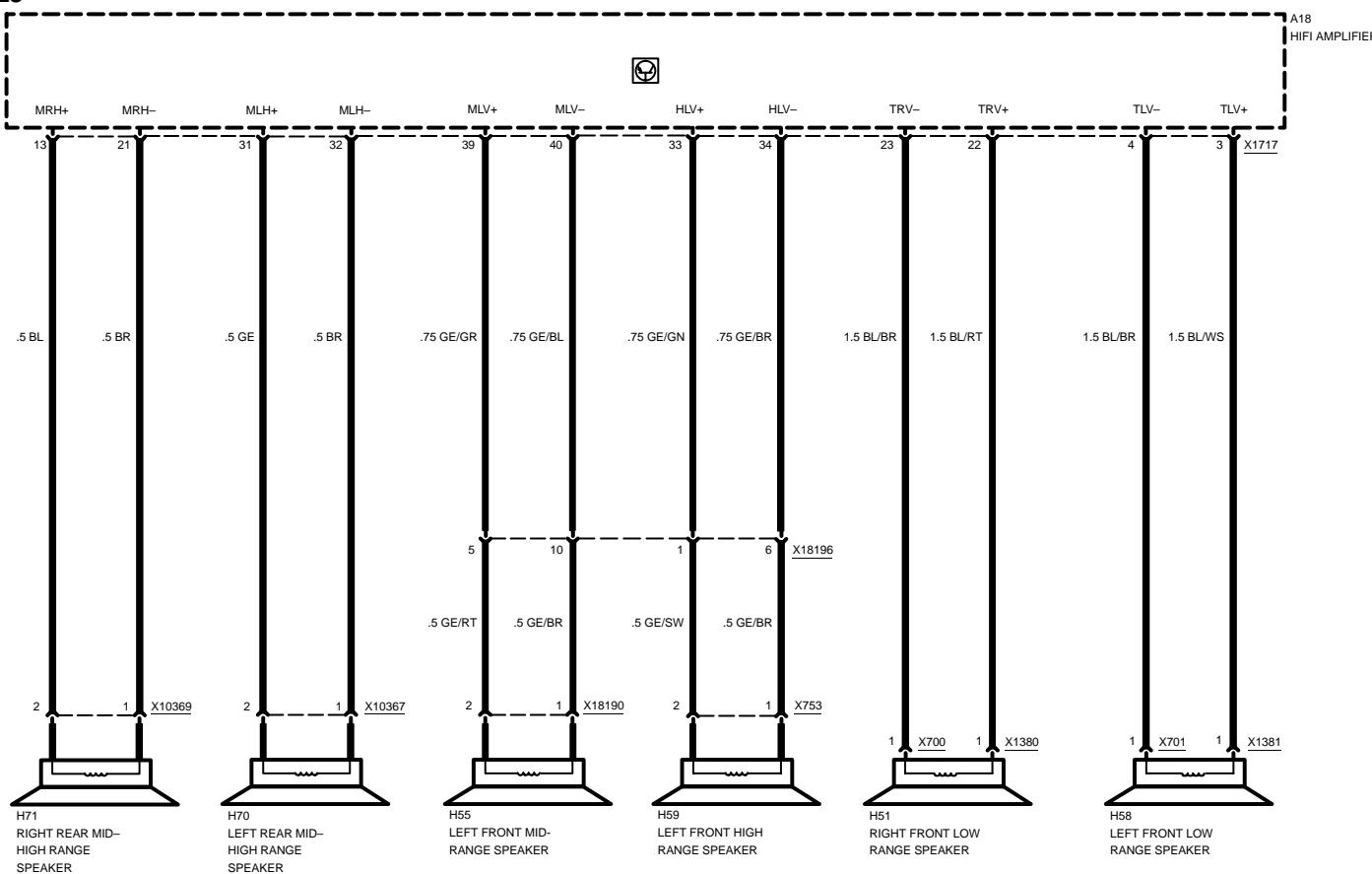


Z3





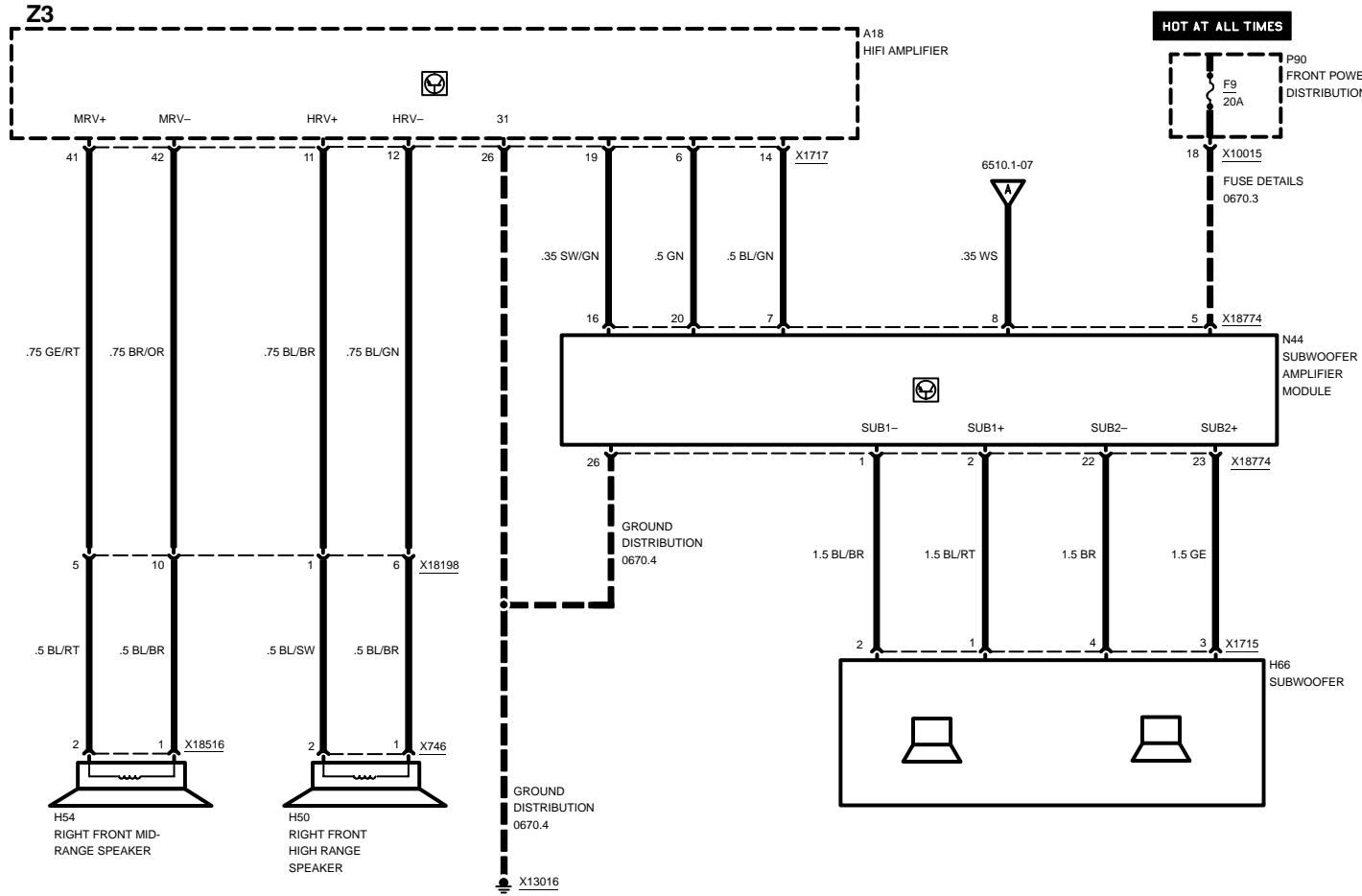
Z3



**BMW**  
**3**

## RADIO/HIFI

## ROADSTER WITH HARMAN KARDON SOUND SYSTEM



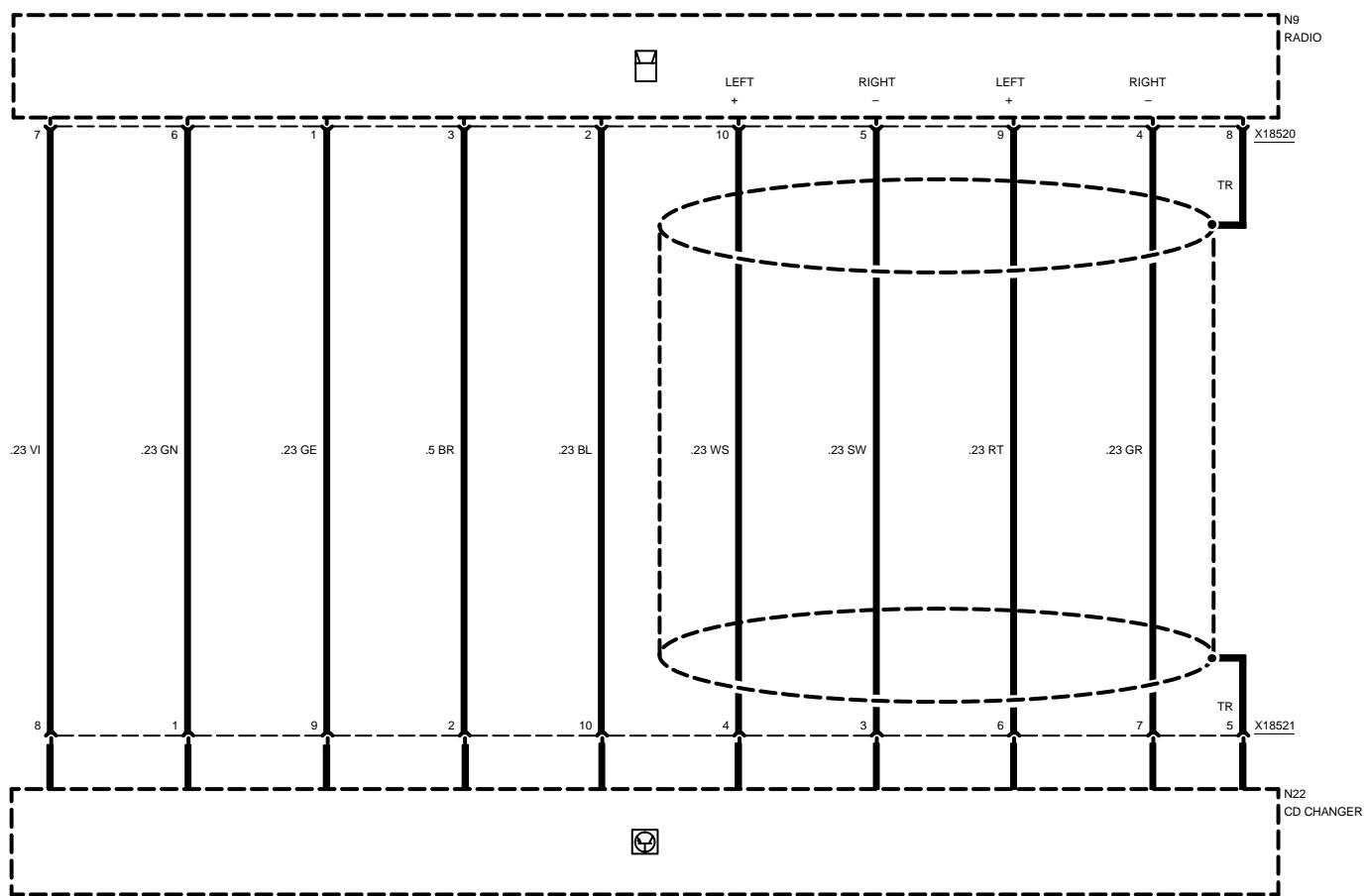
**BMW**  
**3**  
**Z3**

**RADIO/HIFI**

06/00

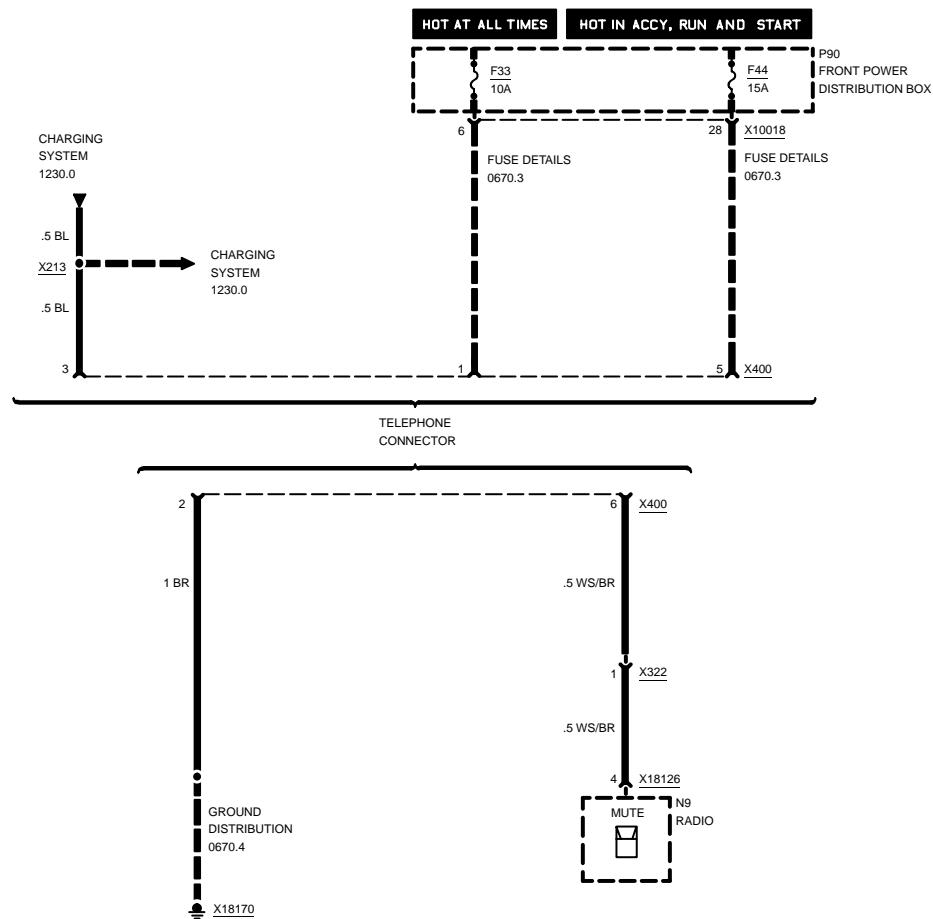
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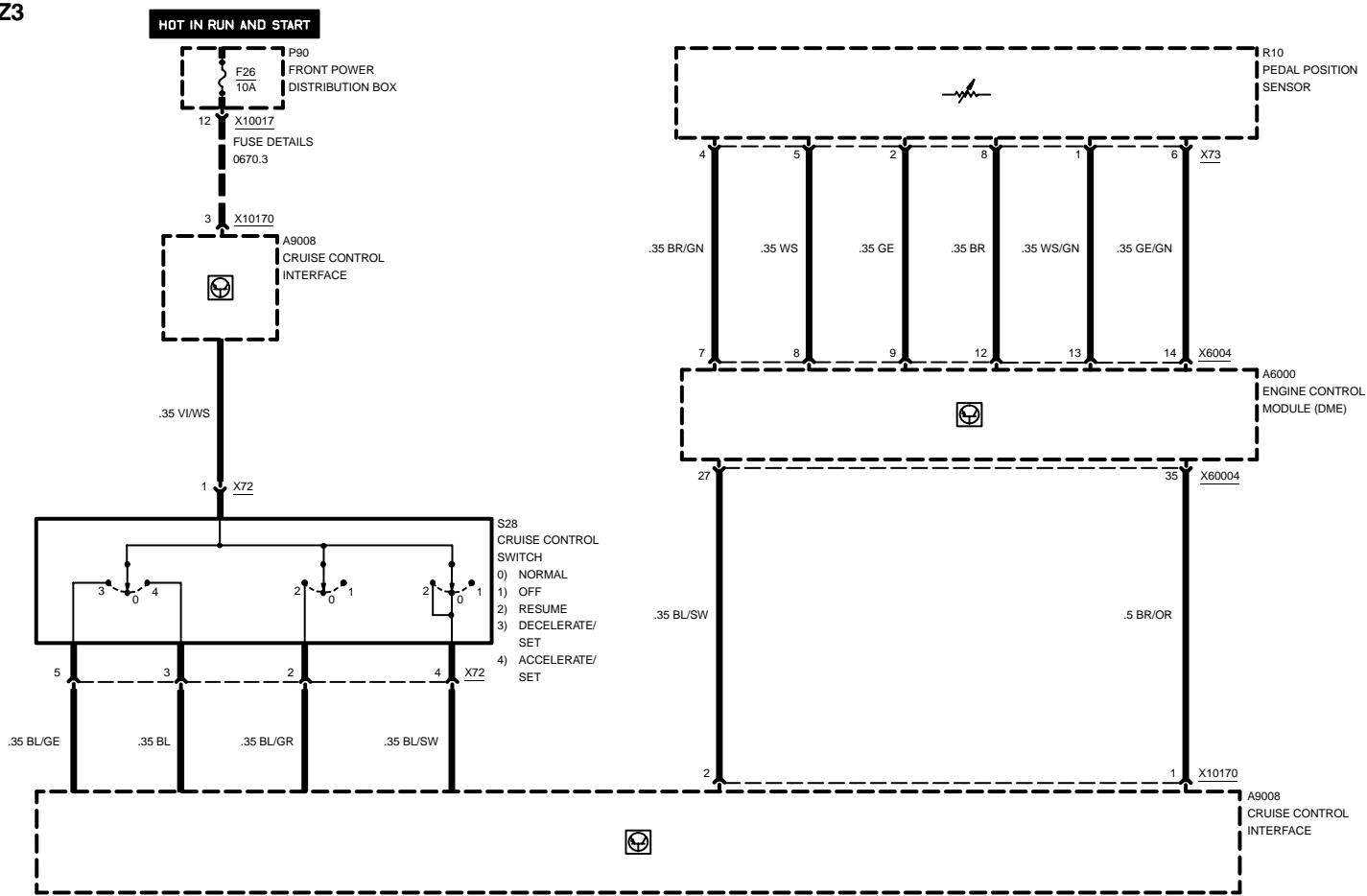
2001



## 6561.0 CELLULAR TELEPHONE (PROVISIONS)

### PROVISIONS



**6571.0 CRUISE CONTROL (TEMPOMAT)**



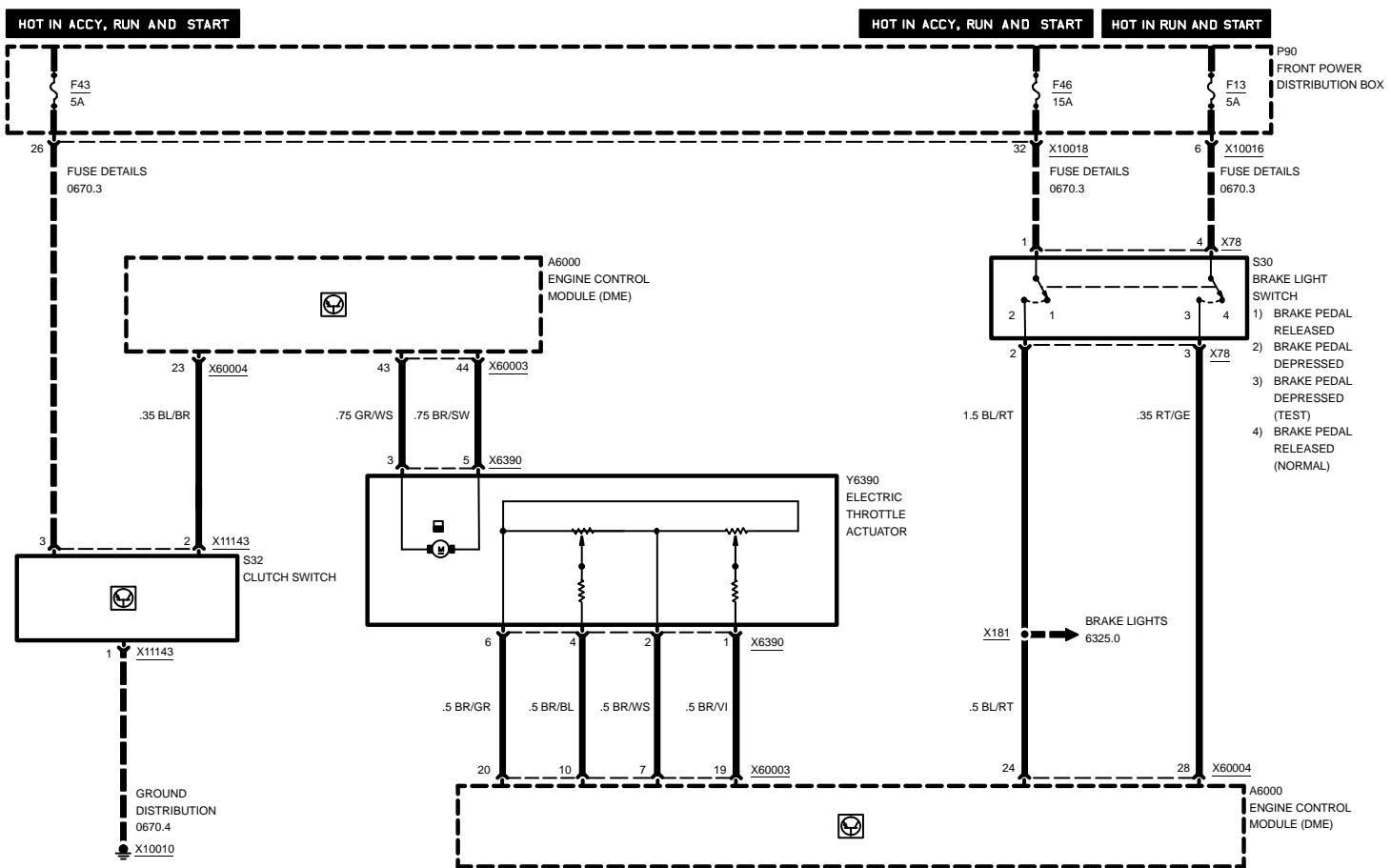
## CRUISE CONTROL (TEMPOMAT)

Z3 VERSIONS

01/01

6571.0-01

2001



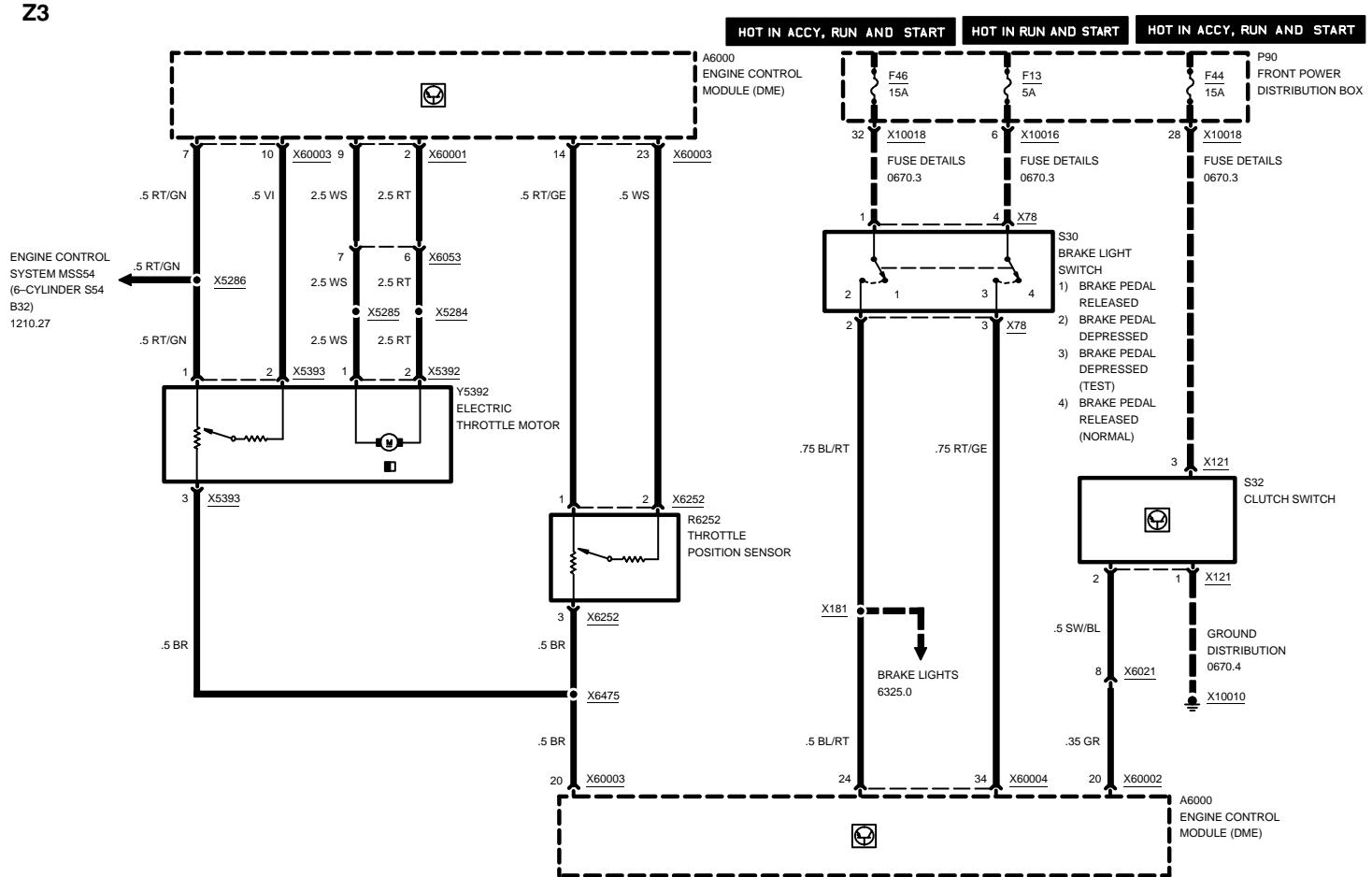
## CRUISE CONTROL (TEMPOMAT)

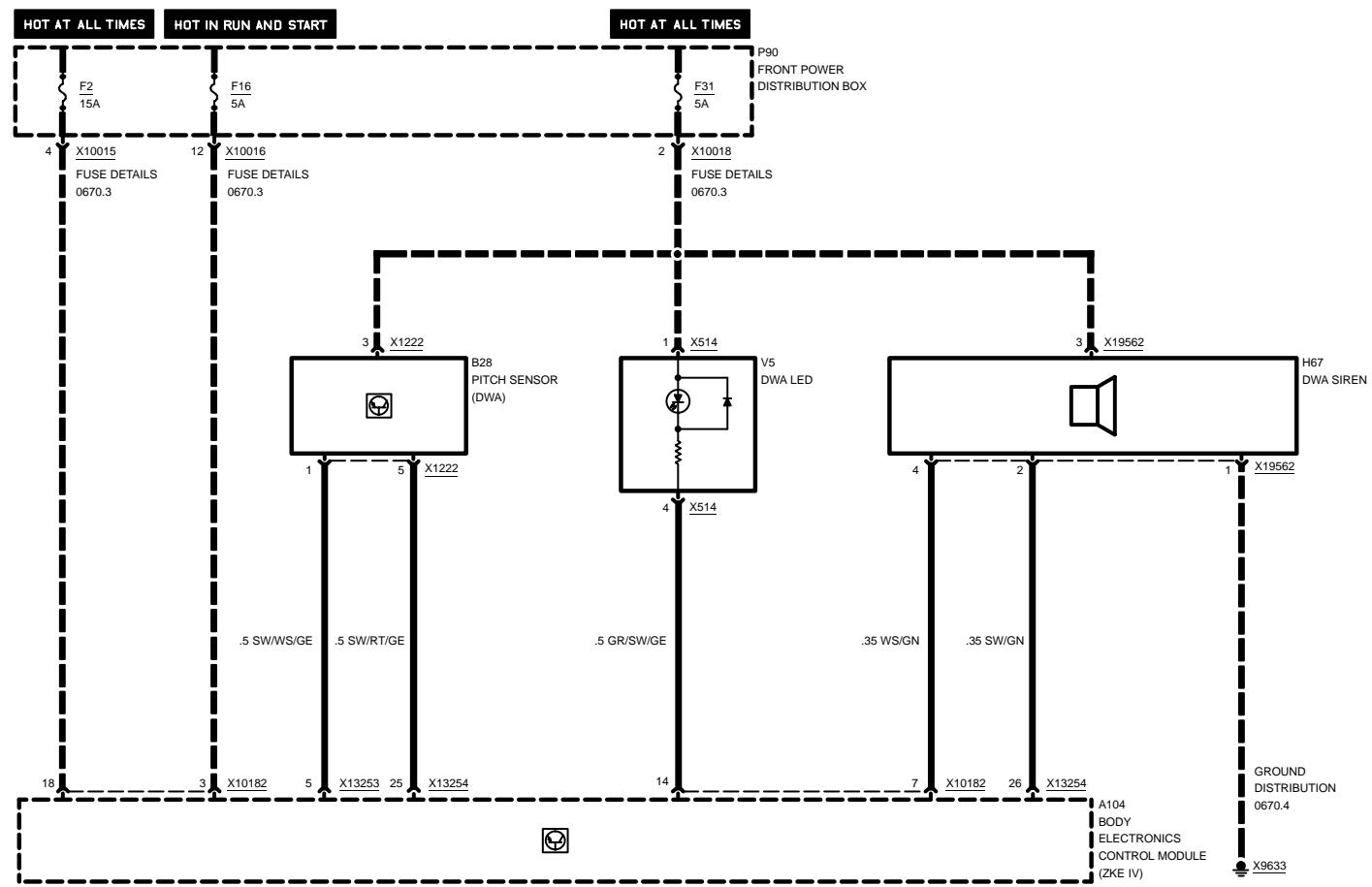
M VERSIONS

01/01

6571.0-02

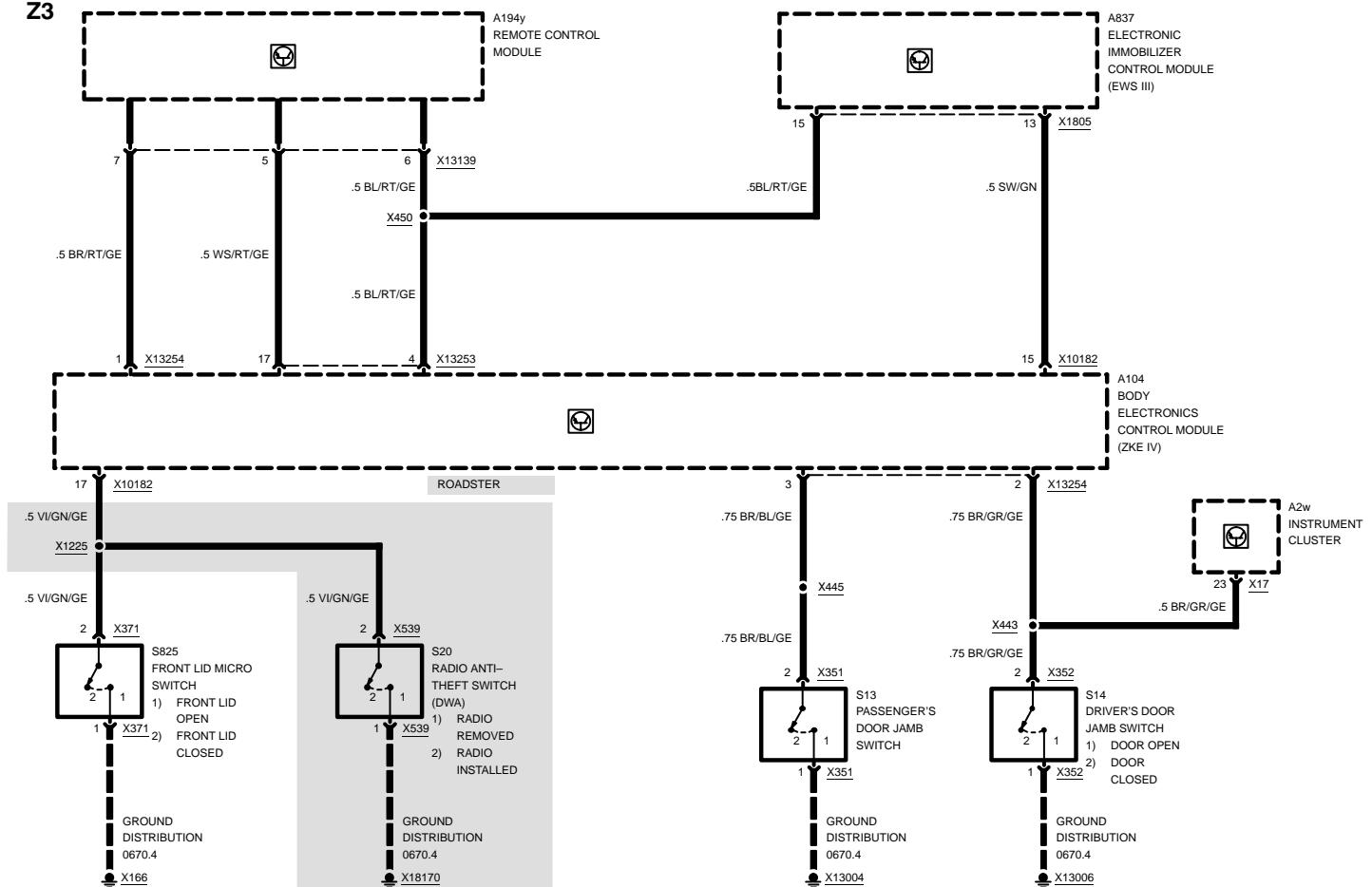
2001



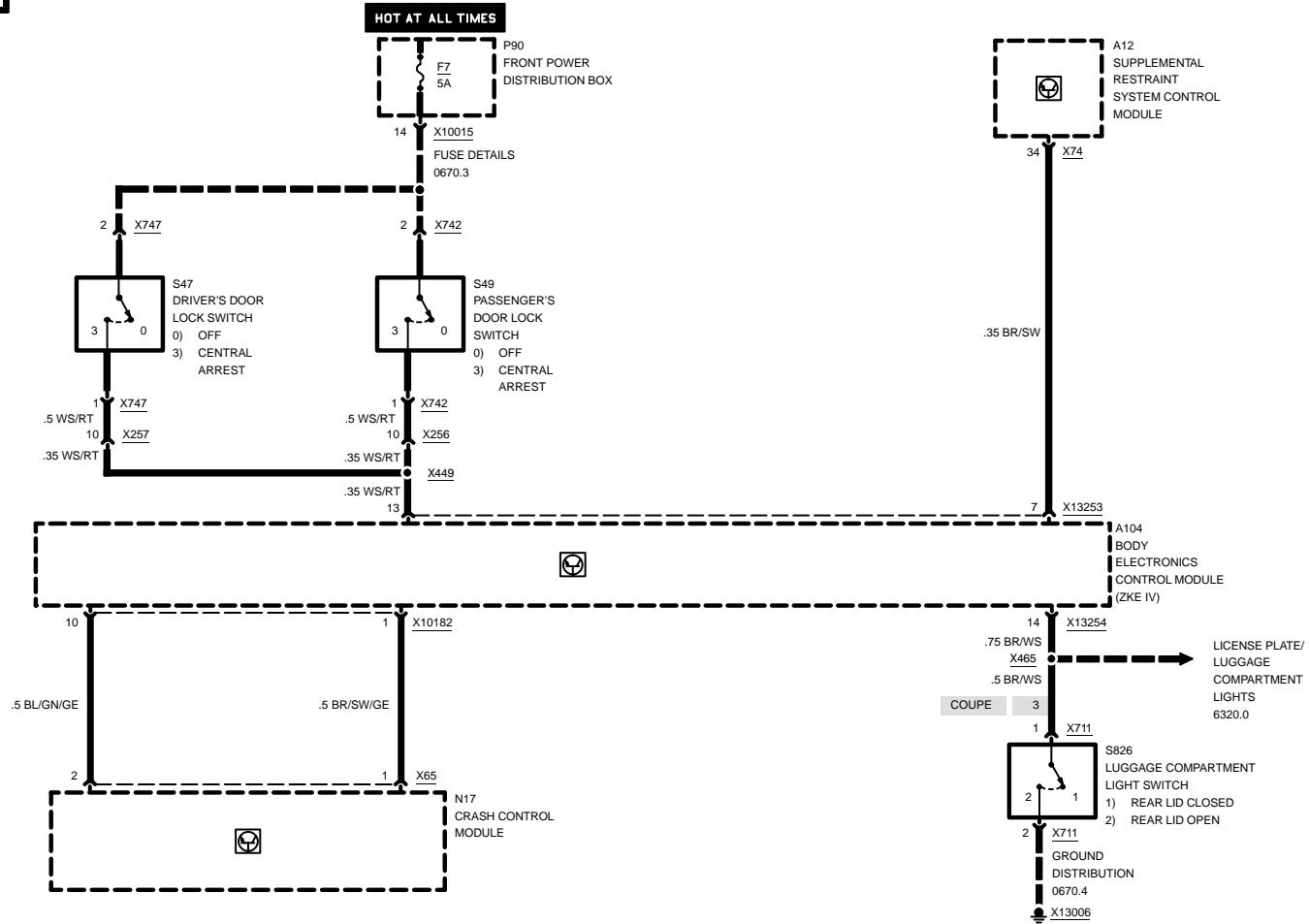
**6575.0 ANTI-THEFT SYSTEM (DWA)**

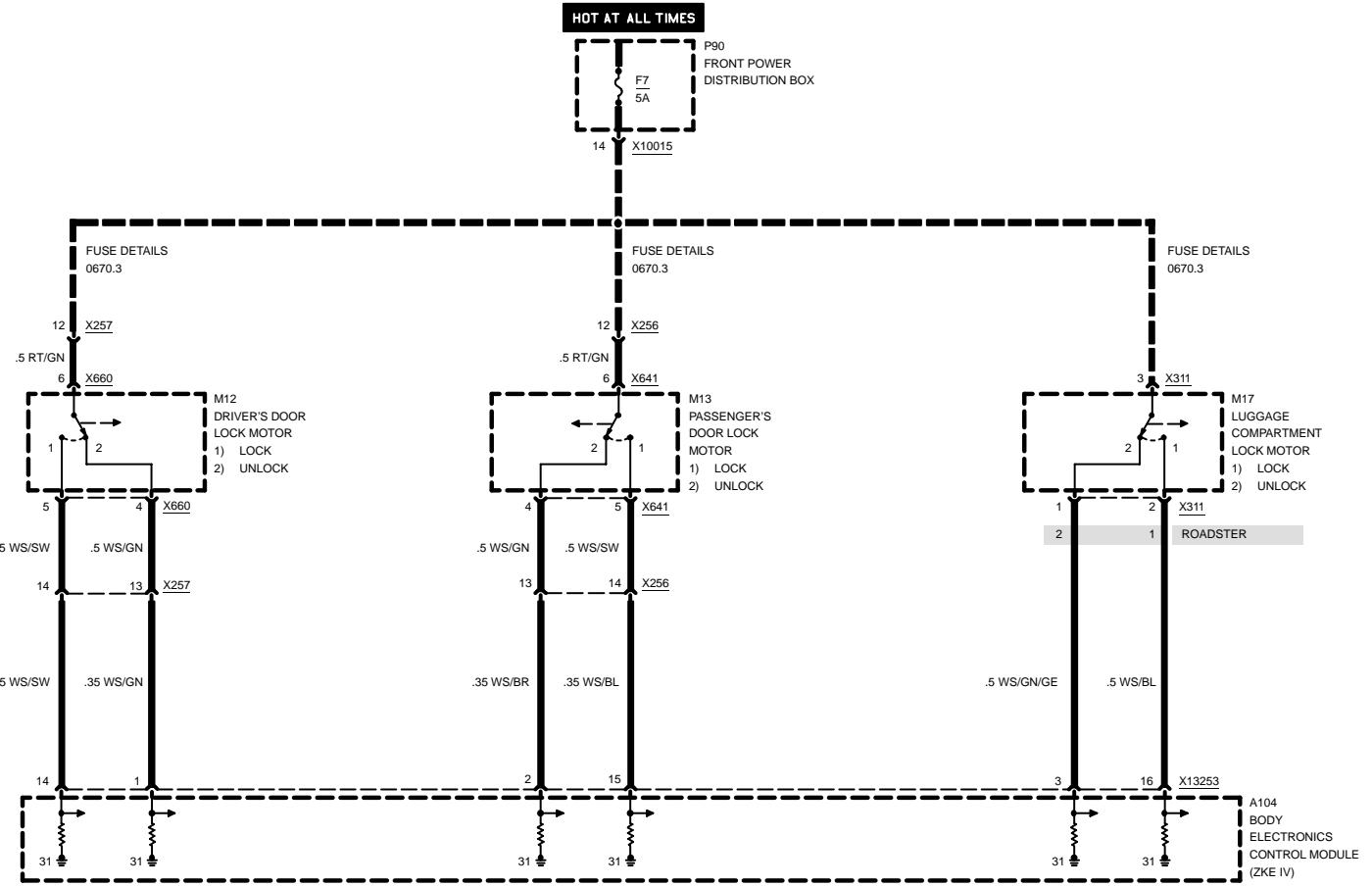
## ANTI-THEFT SYSTEM (DWA)

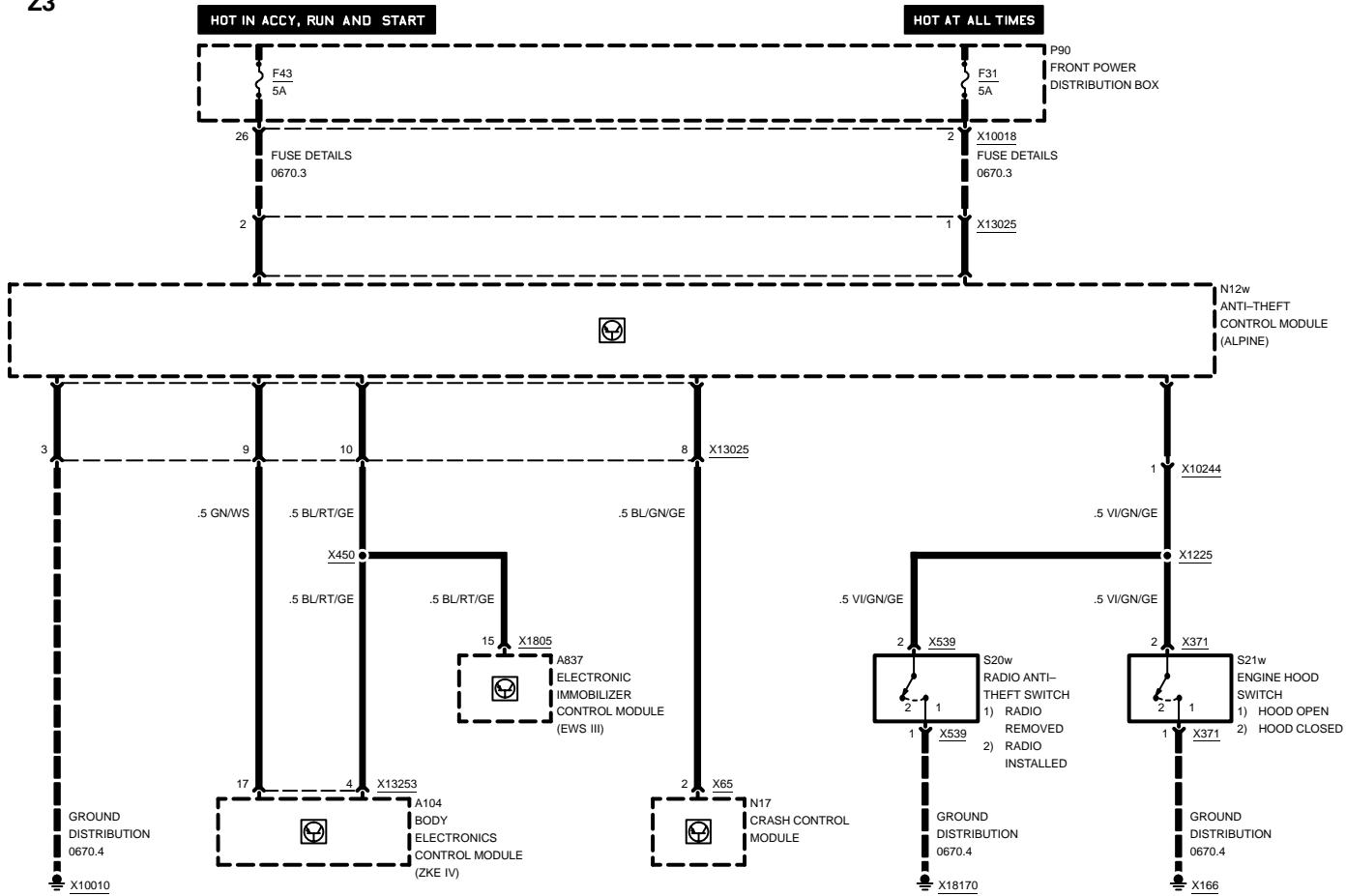
Z3

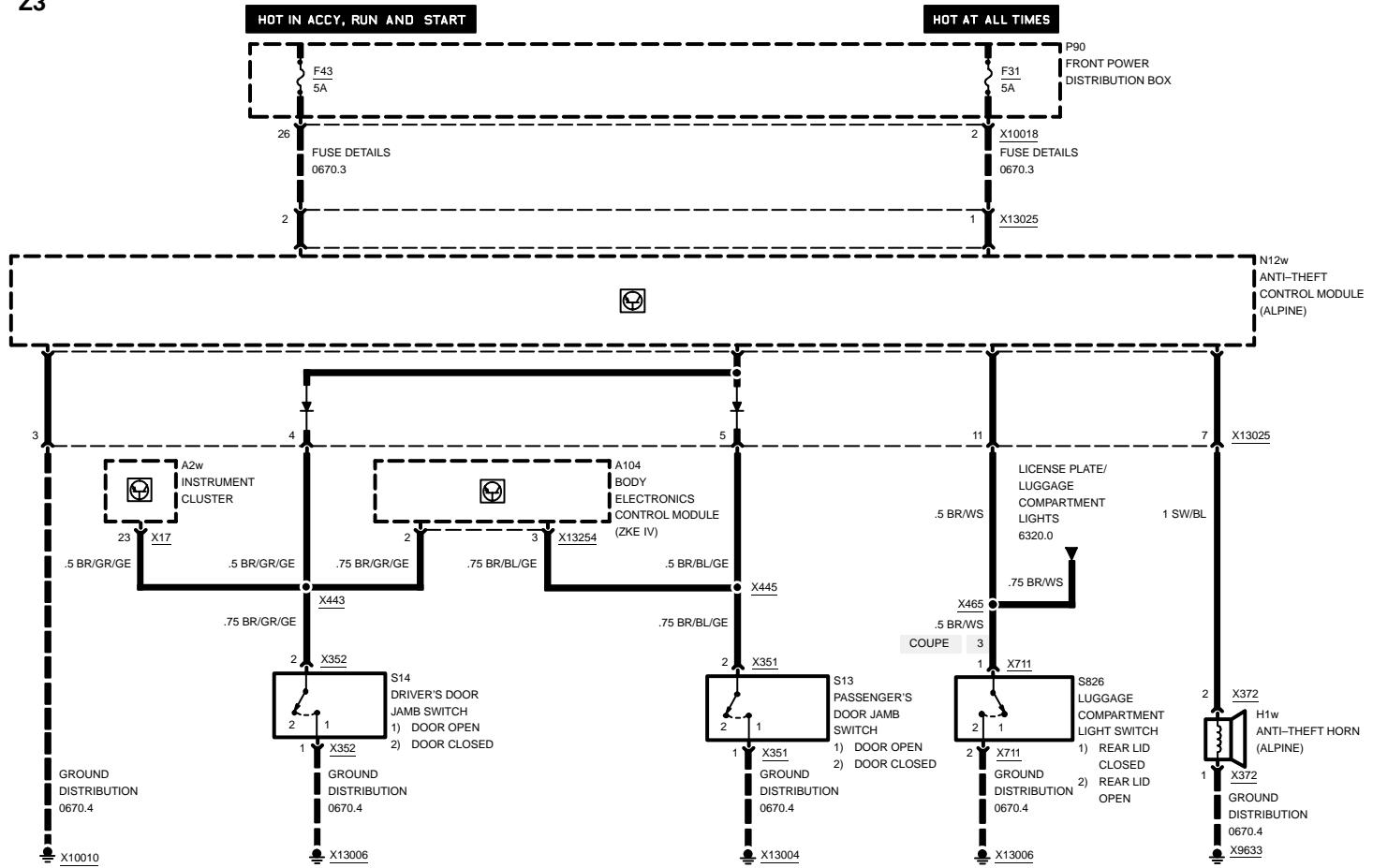


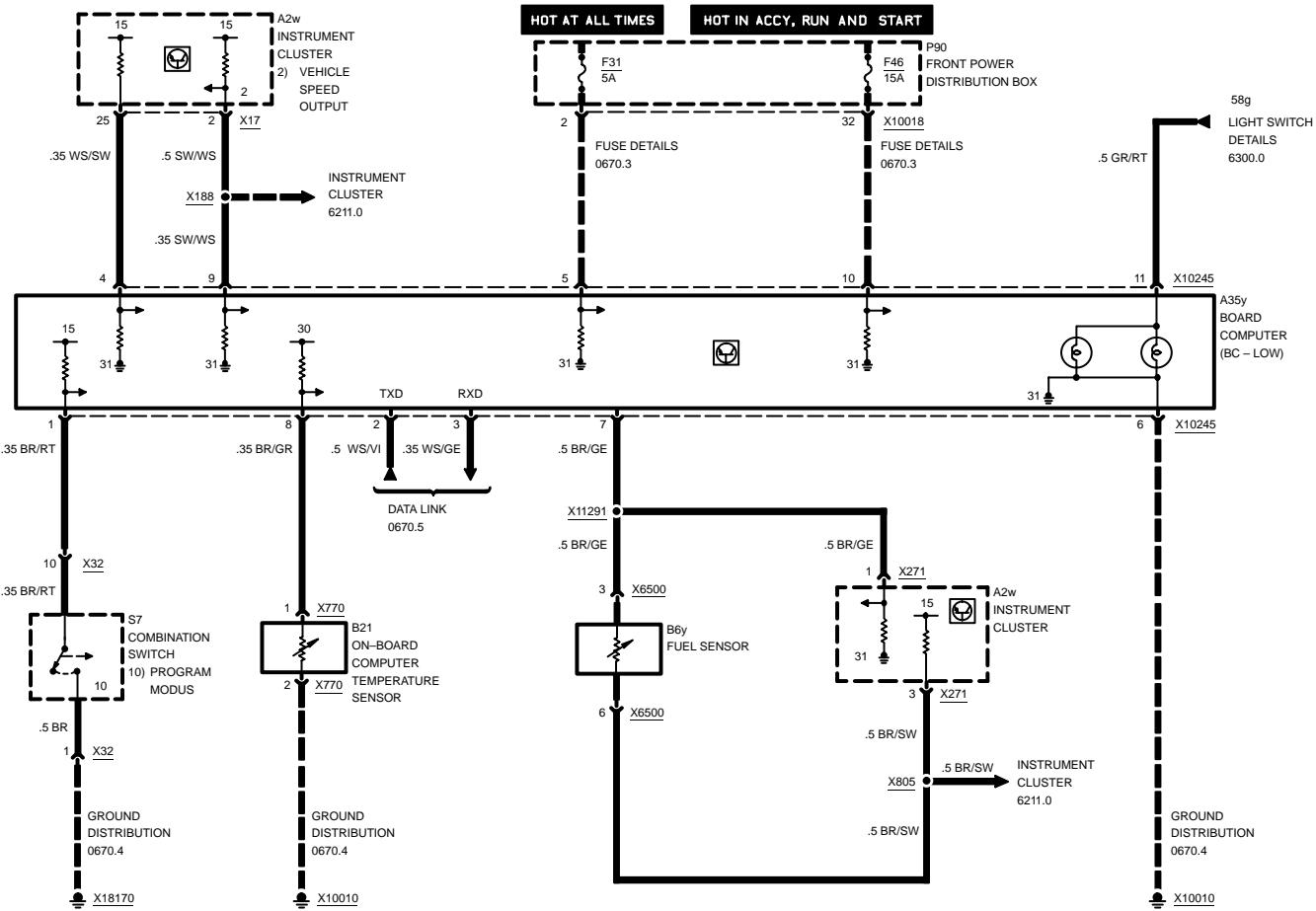
## ANTI-THEFT SYSTEM (DWA)

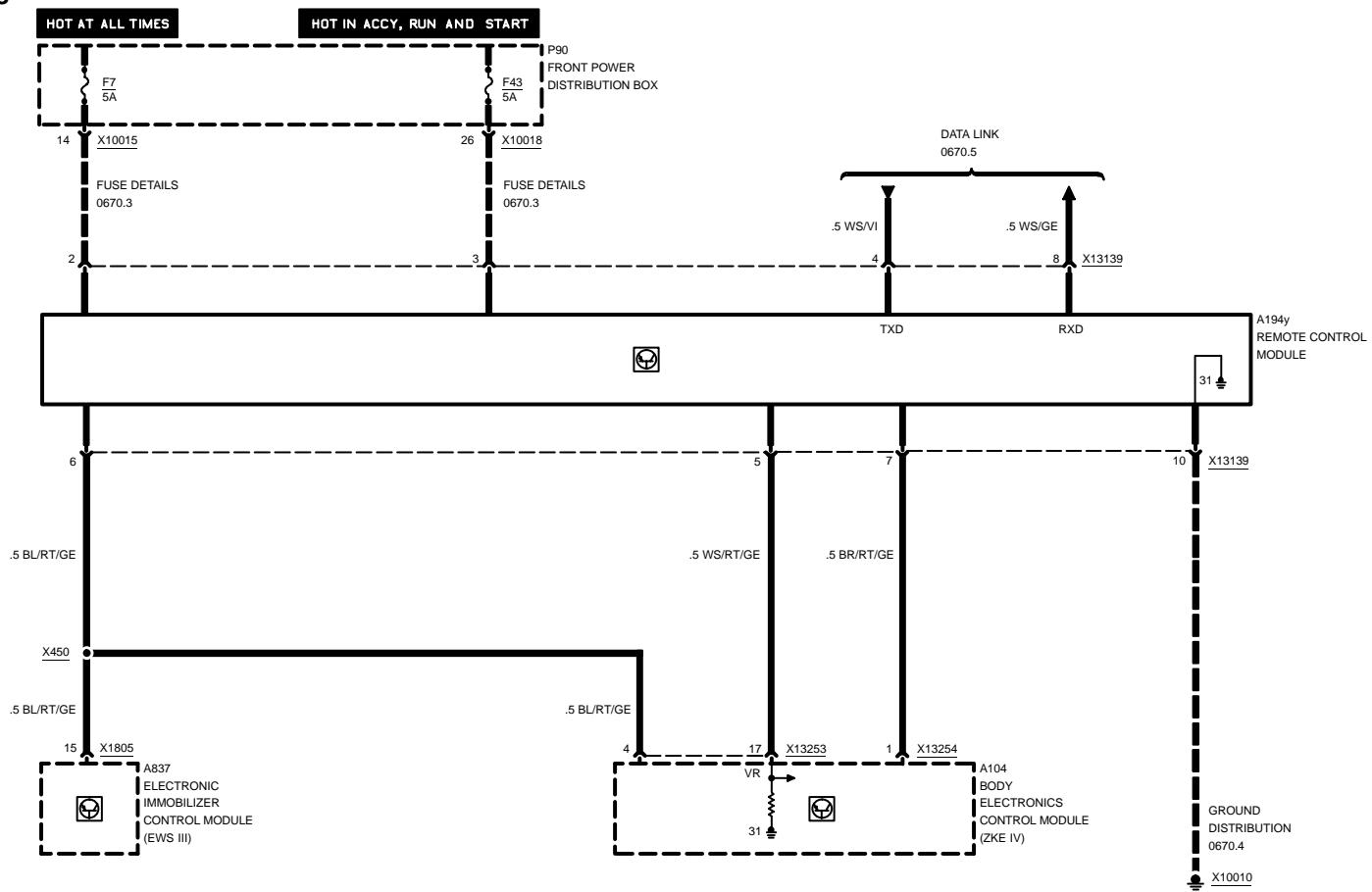




**6575.2 ANTI-THEFT SYSTEM (ALPINE)**



**6581.3 BOARD COMPUTER (BC - LOW)**

**6610.2 REMOTE CONTROL ZV/DWA**



## 7000.0 COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
A2w	INSTRUMENT CLUSTER .....	LH side of dash .....	20-2	
A12	SUPPLEMENTAL RESTRAINT SYSTEM CONTROL MODULE .....	below center console .....	22-2	
A18	HIFI AMPLIFIER .....	in RH side of luggage compartment (ROADSTER) .....	25-1	
A18	HIFI AMPLIFIER .....	in RH side of luggage compartment (COUPE) .....	19-3	
A22z	ELECTROCHROMIC REAR VIEW MIRROR .....	in interior rear view mirror		
A35y	BOARD COMPUTER (BC – LOW) .....	center console .....	00-1	
A36	REAR WIPER/WASHER INTERVAL CONTROL MODULE .....	in lift gate .....	24-2	
A51	WIPER/WASHER MODULE .....	behind glove box .....	12-3	
A52	SLIP CONTROL MODULE (ABS/ASC) ....	front LH side of engine compartment .....	11-2	
A65	DYNAMIC STABILITY CONTROL UNIT (DSC) .....	LH side of engine compartment .....	11-2	
A104	BODY ELECTRONICS CONTROL MODULE (ZKE IV) .....	behind glove box .....	12-3	
A113	SEAT OCCUPANCY DETECTOR .....	under RH front seat		
A194y	REMOTE CONTROL MODULE .....	in interior rear view mirror		
A605	FUSE HOLDER .....	center console (radio and console removed) .....	27-1	
A837	ELECTRONIC IMMOBILIZER CONTROL MODULE (EWS III) .....	LH side of steering column .....	15-1	
A3984	OIL-/OUTSIDE TEMPERATURE GAUGE CONTROL MODULE .....	under glove box		
A6000	ENGINE CONTROL MODULE (DME) .....	rear RH side of engine compartment in E-Box .....	31-1	

01/01

7000.0

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
A7000 .	TRANSMISSION CONTROL MODULE (EGS) .....	rear RH side of engine compartment in E-Box		
A9008 .	CRUISE CONTROL INTERFACE .....	near steering column .....	15-1	
A19007	THERMAL OIL LEVEL SENSOR (TOENS) CONTROL MODULE .....	behind glove box .....	12-2	
B1 . . . .	RIGHT FRONT SPEED SENSOR – ABS ..	on RH front wheel, above brake caliper		
B2 . . . .	LEFT FRONT SPEED SENSOR – ABS ..	on LH front wheel, above brake caliper .....	04-2	
B3 . . . .	RIGHT REAR SPEED SENSOR – ABS ..	on RH rear wheel, above brake caliper		
B4 . . . .	LEFT REAR SPEED SENSOR – ABS ..	on LH rear wheel, above brake caliper		
B6y . . . .	FUEL SENSOR .....	in fuel tank		
B8y . . . .	PRESSURE SWITCH .....	front RH side of engine compartment		
B9 . . . .	INTERMEDIATE PRESSURE SWITCH ..	front RH side of engine compartment		
B10 . . . .	VEHICLE SPEED SENSOR .....	on differential .....	08-1	
B14 . . . .	EVAPORATOR TEMPERATURE SENSOR	RH side of LH footwell .....	21-2	
B16 . . . .	LEFT FRONT BRAKE PAD SENSOR .....	on LH front wheel, above brake caliper .....	04-2	
B17 . . . .	RIGHT REAR BRAKE PAD SENSOR .....	behind RH rear wheel		
B18 . . . .	BRAKE FLUID LEVEL SWITCH .....	rear LH side of engine compartment .....	09-1	
B21 . . . .	ON-BOARD COMPUTER TEMPERATURE SENSOR .....	in RH front bumper .....	04-1	
B21z . . . .	TEMPERATURE SENSOR .....	on front LH wheel well .....	32-1	
B28 . . . .	PITCH SENSOR (DWA) .....	in LH side of luggage compartment behind trim panel .....	32-2	
B59 . . . .	OIL TEMPERATURE GAUGE .....	center console		
B74 . . . .	TRANSVERSE ACCELERATION SENSOR	under driver's seat .....	15-2	

01/01

7000-0-1

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
B75	RPM RATE SENSOR .....	under driver's seat .....		15-2
B76	PRESSURE SENSOR .....	rear LH side of engine compartment .....		11-3
B78	DRIVER'S SIDE IMPACT SENSOR .....	under LH front seat .....		07-3
B79	PASSENGER'S SIDE IMPACT SENSOR .....	under RH front seat .....		07-1
B921	OUTSIDE TEMPERATURE GAUGE .....	center console		
B5351	EXHAUST TEMPERATURE SENSOR .....	RH side of engine compartment		
B6203	CRANKSHAFT POSITION/RPM SENSOR .....	rear LH side of engine compartment		
B6204	CAMSHAFT POSITION SENSOR (CYLINDER IDENTIFICATION) .....	front of engine		
B6205	INTAKE AIR TEMPERATURE SENSOR .....	top center of engine		
B6207	HOT FILM AIR MASS METER .....	LH side of engine compartment		
B6214	CAMSHAFT POSITION SENSOR 1 (INLET) .....	front of engine		
B6224	CAMSHAFT POSITION SENSOR 2 (OUTLET) .....	front of engine		
B6231	OIL PRESSURE SWITCH .....	LH side of engine compartment		
B6232	ENGINE COOLANT TEMPERATURE SENSOR .....	front of engine		
B6236	ENGINE COOLANT TEMPERATURE SENSOR .....	front of engine		
B6238	OIL TEMPERATURE SENSOR .....	RH side of oil filter		
B6241	CYL. 1-2 KNOCK SENSOR .....	top LH side of engine		
B6242	CYL. 3-4 KNOCK SENSOR .....	top LH side of engine		
B6243	CYL. 5-6 KNOCK SENSOR .....	top LH side of engine		

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7000-0-2

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
B6254	THERMAL OIL LEVEL SWITCH .....	lower LH side of engine compartment		
B6279	THERMOSTAT, CHARACTERISTIC MAP COOLING .....	front of engine		
B9508	PRESSURE SWITCH .....	front RH side of engine compartment .....	30-2	
B62101	OXYGEN SENSOR I (IN FRONT OF CATALYTIC CONVERTER) .....	on catalytic converter		
B62102	OXYGEN SENSOR I (BEHIND CATALYTIC CONVERTER) .....	on catalytic converter		
B62201	OXYGEN SENSOR II (IN FRONT OF CATALYTIC CONVERTER) .....	on catalytic converter		
B62202	OXYGEN SENSOR II (BEHIND CATALYTIC CONVERTER) .....	on catalytic converter		
B62400	DOUBLE KNOCK SENSOR .....	LH side of engine		
C100	CONTACT RING .....	top of steering column		
C101	CONTACT RING .....	top of steering column .....	27-3	
C6000	SUPPRESSION CAPACITOR .....	top center of engine		
D100	DATA LINK CONNECTOR .....	rear LH side of engine compartment .....	11-2	
D110	OBD II CONNECTOR .....	center console right .....	03-3	
E7	LEFT HEADLIGHT .....	front LH side of engine compartment		
E8	RIGHT HEADLIGHT .....	front RH side of engine compartment		
E9	REAR DEFOGGER I .....	hard top		
E11	LEFT HIGH BEAM LIGHT .....	near front LH headlight .....	29-1	
E12	RIGHT HIGH BEAM LIGHT .....	near front RH headlight		
E13	LEFT LOW BEAM LIGHT .....	near front LH headlight .....	29-1	

01/01

7000.0-3

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
E14	RIGHT LOW BEAM LIGHT .....	near front RH headlight .....		29-3
E15	LEFT PARK LIGHT .....	near front LH headlight		
E16	LEFT REAR LIGHT ASSEMBLY .....	LH side of body rear end		
E17	RIGHT REAR LIGHT ASSEMBLY .....	RH side of body rear end .....		02-2
E19	RIGHT PARK LIGHT .....	near front RH headlight		
E21	LEFT FRONT MARKER LIGHT .....	front of vehicle		
E22	RIGHT FRONT MARKER LIGHT .....	front of vehicle		
E25	FRONT ASHTRAY LIGHT .....	center console		
E26	LEFT FOG LIGHT .....	under LH front bumper		
E27	RIGHT FOG LIGHT .....	under RH front bumper .....		13-2
E28	FRONT CIGAR LIGHTER .....	center console		
E28a	CIGAR LIGHTER CONNECTION .....	TIRE INFLATION SYSTEM		
E29	FRONT CIGAR LIGHTER LIGHT .....	center console .....		22-3
E32	LUGGAGE COMPARTMENT LIGHT .....	in luggage compartment (ROADSTER)		
E32	LUGGAGE COMPARTMENT LIGHT .....	in roof panel (COUPE)		
E34	FRONT DOME LIGHT/MAP READING ASSEMBLY .....	in roof panel		
E43	LEFT LICENSE PLATE LIGHT .....	underside of luggage compartment lid, near license plate		
E44	RIGHT LICENSE PLATE LIGHT .....	underside of luggage compartment lid, near license plate		
E51	LEFT WASHER JET HEATER .....	on underside of engine hood .....		32-3
E52	RIGHT WASHER JET HEATER .....	on underside of engine hood .....		32-3
E56	DRIVER'S SEATBACK HEATER .....	in top of LH backrest		

01/01

7000-0-4

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
E57 ...	DRIVER'S SEAT HEATER .....	under LH front seat	
E58 ...	PASSENGER'S SEAT HEATER .....	underside of RH front seat	
E59 ...	PASSENGER'S SEATBACK HEATER .....	in top of RH backrest	
E82 ...	TRANSMISSION POSITION INDICATOR LIGHT .....	center console	
E96 ...	GEAR SHIFT LEVER INDICATOR .....	center console	
E99 ...	HARD TOP CONNECTOR 1 .....	near LH rear wheel well	
E105 ...	HEAT/A/C CONTROL PANEL ILLUMINATION .....	center of dash .....	21-3
E106 ...	HEAT/A/C CONTROL PANEL ILLUMINATION .....	center of dash .....	21-3
E800 ...	FRONT LEFT INTERIOR LIGHT .....	near interior rear view mirror	
G1 ....	BATTERY .....	in RH side of luggage compartment .....	02-2
G5 ....	DRIVER'S AIR BAG GAS GENERATOR .....	behind steering wheel	
G6 ....	PASSENGER'S AIR BAG GAS GENERATOR .....	behind glove box above	
G12 ...	DRIVER'S SIDE PYROTECHNICAL BELT TENSIONER .....	in LH front seat belt buckle .....	27-2
G13 ...	PASSENGER'S SIDE PYROTECHNICAL BELT TENSIONER .....	in RH front seat belt buckle .....	27-2
G14 ...	LEFT SIDE AIR BAG GAS GENERATOR .....	LH front door .....	16-2
G15 ...	RIGHT SIDE AIR BAG GAS GENERATOR .....	RH front door .....	07-2
G19 ...	BATTERY SAFETY TERMINAL .....	RH side of luggage compartment .....	02-1
G6400 .	B+ JUNCTION POINT E-BOX .....	rear RH side of engine compartment in E-Box	

01/01

7000-0-5

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
G6430	B+ JUMP START JUNCTION POINT .....	rear RH side of engine compartment		
G6509	GENERATOR .....	front LH side of engine compartment		
G7512	B+ JUNCTION POINT .....	below LH side of dash		
H1w	ANTI-THEFT HORN (ALPINE) .....	rear LH side of engine compartment .....	09-1	
H2	LEFT HORN .....	under LH front bumper		
H3	RIGHT HORN .....	RH front of wheel well .....	13-2	
H4	RIGHT FRONT TURN LIGHT .....	front of vehicle		
H7	LEFT FRONT TURN LIGHT .....	front of vehicle		
H8	RIGHT FRONT AUXILIARY TURN LIGHT ..	front of vehicle		
H9	LEFT FRONT AUXILIARY TURN LIGHT ..	front of vehicle		
H10	CHIME MODULE .....	below LH side of dash		
H34	HIGH LEVEL STOP LIGHT .....	on lift gate (ROADSTER) .....	25-2	
H34	HIGH LEVEL STOP LIGHT .....	on lift gate (COUPE)		
H45	RIGHT REAR SPEAKER .....	in roof panel		
H46	LEFT REAR SPEAKER .....	in roof panel		
H50	RIGHT FRONT HIGH RANGE SPEAKER ..	in upper RH front door		
H51	RIGHT FRONT LOW RANGE SPEAKER ..	in lower RH A-pillar		
H52	RIGHT REAR LOW RANGE SPEAKER ...	in rear speaker box		
H53	RIGHT REAR HIGH RANGE SPEAKER ..	in roof panel		
H54	RIGHT FRONT MIDRANGE SPEAKER ..	in upper RH front door		
H54z	REAR RIGHT MID-HIGH RANGE SPEAKER .....	in rear speaker box (ROADSTER) .....	26-2	

01/01

7000-0-6

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
H54z ..	REAR RIGHT MID-HIGH RANGE SPEAKER .....	in roof panel (COUPE)		
H55 ..	LEFT FRONT MIDRANGE SPEAKER .....	in upper LH front door		
H55z ..	REAR LEFT MID-HIGH RANGE SPEAKER .....	in rear speaker box (ROADSTER) .....	02-3	
H55z ..	REAR LEFT MID-HIGH RANGE SPEAKER .....	in roof panel (COUPE)		
H56 ..	LEFT REAR HIGH RANGE SPEAKER .....	in roof panel		
H57 ..	LEFT REAR LOW RANGE SPEAKER .....	in rear speaker box		
H58 ..	LEFT FRONT LOW RANGE SPEAKER .....	in lower LH A-pillar		
H59 ..	LEFT FRONT HIGH RANGE SPEAKER .....	in upper LH front door		
H66 ..	SUBWOOFER .....	in rear speaker box (ROADSTER)		
H66 ..	SUBWOOFER .....	in rear speaker box (COUPE) .....	19-3	
H67 ..	DWA SIREN .....	rear LH side of engine compartment .....	31-2	
H70 ..	LEFT REAR MID-HIGH RANGE SPEAKER .....	in rear speaker box		
H71 ..	RIGHT REAR MID-HIGH RANGE SPEAKER .....	in rear speaker box		
I1008 ..	SEAT MAT .....	in passenger's seat area		
K2 .....	HORN RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	09-2	
K4 .....	BLOWER RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	09-2	
K9 .....	UNLOADER RELAY, TERMINAL 15 .....	rear LH side of engine compartment in Power Distribution Box .....	09-3	
K16 .....	HAZARD FLASHER RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	09-2	
K19 .....	COMPRESSOR CONTROL RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	09-3	
K21 .....	NORMAL SPEED RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	09-3	

01/01

7000-0-7

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
K22	HIGH SPEED RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	09-3	
K25	RIGHT PARK LIGHT/LICENSE PLATE LIGHT RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	01-3	
K26	LEFT PARK LIGHT RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	01-3	
K33a	AIR CONDITIONING RELAY, MOTRONIC .	rear LH side of engine compartment in Power Distribution Box .....	09-3	
K46	HIGH BEAM LIGHT RELAY .....	footwell, driver's side .....	00-3	
K47	FRONT FOG LIGHT RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	09-2	
K48	LOW BEAM LIGHT RELAY .....	rear LH side of engine compartment in Power Distribution Box .....	09-2	
K70	CENTRAL LOCKING LUGGAGE COMPARTMENT LID MOTOR RELAY (ZV) .....	rear LH side of engine compartment in Power Distribution Box .....	01-3	
K104	AIR CONDITIONING RELAY/AUXILIARY WATER PUMP .....	rear LH side of engine compartment in Power Distribution Box .....	09-3	
K910	PASSENGER'S SEAT TILT ADJUST CUT- OFF RELAY .....	underside of RH front seat		
K911	PASSENGER'S SEAT LENGTH ADJUST CUT-OFF RELAY .....	underside of RH front seat		
K920	DRIVER'S SEAT TILT ADJUST CUT-OFF RELAY .....	underside of LH front seat		
K921	DRIVER'S SEAT LENGTH ADJUST CUT- OFF RELAY .....	underside of LH front seat		
K6300	ENGINE CONTROL MODULE RELAY ....	rear RH side of engine compartment in E-Box		
K6301w	FUEL PUMP RELAY .....	below LH side of dash (Z3 VERSIONS) .....	00-3	
K6301z	ELECTRIC FUEL PUMP RELAY, TIMED ..	under rear storage compartment (M VERSIONS)		
K6304	SECONDARY AIR PUMP RELAY .....	rear RH side of engine compartment in E-Box		

01/01

7000-0-8

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
K6325	REVERSING LIGHT RELAY .....	rear LH side of engine compartment		
K6327	INJECTION VALVES RELAY .....	rear RH side of engine compartment in E-Box		
K6394	COMPRESSOR RELAY .....	TIRE INFLATION SYSTEM		
K18363	CONVERTIBLE TOP RELAY I (CLOSE) ...	in LH side of luggage compartment .....	08-3	
K18364	CONVERTIBLE TOP RELAY II (OPEN) ...	in LH side of luggage compartment .....	08-3	
L1	EWS TOROIDAL COIL .....	at ignition switch .....	27-3	
M2	FUEL PUMP .....	in fuel tank		
M3	WIPER MOTOR .....	rear of engine compartment .....	19-2	
M4	WASHER PUMP .....	front RH side of engine compartment on washer fluid reservoir		
M7	HEADLIGHT/FOG LIGHT WASHER PUMP	front RH side of engine compartment on washer fluid reservoir		
M9	AUXILIARY FAN MOTOR .....	behind front grille		
M12	DRIVER'S DOOR LOCK MOTOR .....	driver's door		
M13	PASSENGER'S DOOR LOCK MOTOR ...	passenger's door		
M16	GAS FILLER LOCK MOTOR .....	RH rear wheel well .....	19-1	
M17	LUGGAGE COMPARTMENT LOCK MOTOR .....	rear side of luggage compartment behind trim panel (ROADSTER)		
M17	LUGGAGE COMPARTMENT LOCK MOTOR .....	in lift gate (Z3 COUPE) .....	24-2	
M17	LUGGAGE COMPARTMENT LOCK MOTOR .....	in lift gate (M COUPE) .....	24-1	
M21	DRIVER'S WINDOW MOTOR .....	in driver's door .....	17-2	
M23	PASSENGER'S WINDOW MOTOR .....	in passenger's door .....	18-3	
M24y	TIILT SUNROOF MOTOR .....	in roof panel		

01/01

7000-0-9

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
M30	BLOWER MOTOR .....	rear of engine compartment		
M37a	AUXILIARY WATER PUMP .....	rear LH side of engine compartment .....	31-3	
M51	DRIVER'S SEAT MOVEMENT MOTOR .....	under LH front seat		
M52	DRIVER'S SEAT HEIGHT MOTOR .....	under LH front seat		
M59	PASSENGER'S SEAT HEIGHT MOTOR ..	under RH front seat		
M60	PASSENGER'S SEAT MOVEMENT MOTOR .....	under RH front seat		
M101	CONVERTIBLE TOP MOTOR .....	in LH side of luggage compartment .....	08-3	
M111	FRESH AIR RECIRCULATION MOTOR ..	RH side of LH footwell .....	21-2	
M118	PRECHARGE PUMP .....	rear LH side of engine compartment .....	11-3	
M119	LEAKAGE DIAGNOSIS PUMP .....	rear LH side of engine compartment		
M805	ELECTRIC COMPRESSOR .....	TIRE INFLATION SYSTEM		
M6506	E-BOX FAN .....	in E-Box		
M6510	STARTER .....	rear LH side of engine compartment .....	01-1	
N5	ANALOG CLOCK .....	center console		
N8	ANTENNA AMPLIFIER AM/FM .....	in LH side of luggage compartment behind trim panel (ROADSTER)		
N8	ANTENNA AMPLIFIER AM/FM .....	in roof panel (COUPE) .....	24-3	
N9	RADIO .....	center console		
N12w	ANTI-THEFT CONTROL MODULE (ALPINE) .....	behind glove box		
N17	CRASH CONTROL MODULE .....	footwell, driver's side .....	00-3	
N22	CD CHANGER .....	in RH side of luggage compartment		

01/01

7000.0-10

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
N44	SUBWOOFER AMPLIFIER MODULE .....	in LH forward side of luggage compartment .....		10-3
P90	FRONT POWER DISTRIBUTION BOX ...	rear LH side of engine compartment		
P97	AUXILIARY FUSE BOX .....	below LH side of dash .....		00-3
P98	FUSE HOLDER IN E-BOX .....	rear RH side of engine compartment in E-Box		
P99	FUSE HOLDER .....	in RH side of luggage compartment .....		02-1
P900	AUXILIARY FUSE BOX .....	rear LH side of engine compartment .....		11-1
R10	PEDAL POSITION SENSOR .....	behind gas pedal		
R11	BLOWER RESISTORS .....	rear of engine compartment behind firewall		
R33	STEERING ANGLE SENSOR .....	on steering column .....		15-3
R6252	THROTTLE POSITION SENSOR .....	LH side of engine compartment		
R8554	RESISTOR .....	on cylinder head		
S2	IGNITION SWITCH .....	LH side of dash .....		27-3
S4	HORN SWITCH .....	on steering wheel		
S5	WIPER/WASHER SWITCH .....	LH side of dash RH side of steering column above		
S6	ASC SWITCH .....	center console		
S6y	DSC SWITCH .....	center console		
S7	COMBINATION SWITCH .....	LH side of dash LH side of steering column above		
S8	LIGHT SWITCH .....	LH side of dash		
S10	FOG LIGHT SWITCH .....	LH side of dash		
S13	PASSENGER'S DOOR JAMB SWITCH ...	RH B-pillar .....		26-1
S14	DRIVER'S DOOR JAMB SWITCH .....	LH B-pillar .....		10-1
S17	MIRROR CONTROL SWITCH .....	in upper LH front door		

01/01

7000.0-11

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
S18	HAZARD SWITCH .....	center console bottom		
S20	RADIO ANTI-THEFT SWITCH (DWA) .....	center console .....	27-1	
S20w	RADIO ANTI-THEFT SWITCH .....	center console (radio and console removed) .....	27-1	
S21w	ENGINE HOOD SWITCH .....	near LH headlight assembly .....	29-1	
S28	CRUISE CONTROL SWITCH .....	LH side of dash RH side of steering column above		
S30	BRAKE LIGHT SWITCH .....	LH footwell .....	20-1	
S31	PARK BRAKE SWITCH .....	center console on rear of park brake lever		
S32	CLUTCH SWITCH .....	LH footwell .....	20-1	
S36	TEMPERATURE SWITCH .....	front RH side of engine compartment .....	30-1	
S38y	TILT SUNROOF SWITCH .....	in roof panel		
S47	DRIVER'S DOOR LOCK SWITCH .....	in driver's door .....	17-1	
S49	PASSENGER'S DOOR LOCK SWITCH ...	in passenger's door		
S51	DRIVER'S SEAT, SEAT CONTROL SWITCH .....	LH front seat		
S53	DRIVER'S SEAT, SEAT HEATER SWITCH	center console .....	23-1	
S54	PASSENGER'S SEAT, SEAT HEATER SWITCH .....	center console .....	23-1	
S56	PASSENGER'S SEAT, SEAT CONTROL SWITCH .....	RH front seat		
S58	DRIVER'S SEAT BELT SWITCH .....	in LH front seat belt buckle		
S59	PASSENGER'S SEAT BELT SWITCH ....	in RH front seat belt buckle		
S75	BLOWER SWITCH .....	center of dash .....	21-3	
S76	REAR WINDOW DEFOGGER SWITCH ...	center console		

01/01

7000.0-12

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0 8500.0
S117 ...	LUGGAGE COMPARTMENT LID LOCKING SWITCH .....	in lift gate	
S126y ..	DRIVER'S POWER WINDOW SWITCH ...	center console near gearshift lever	
S127y ..	PASSENGER'S POWER WINDOW SWITCH .....	center console near gearshift lever	
S143 ..	CONVERTIBLE TOP ACTUATING SWITCH .....	center console	
S164 ..	CONVERTIBLE TOP END-POSITION MICRO SWITCH .....	at convertible top linkage .....	17-3
S198 ..	JET HEATER THERMOSWITCH .....	on front RH wheel well	
S220 ..	AIR CONDITIONING/RECIRCULATING SWITCH ASSEMBLY .....	center console .....	00-1
S221 ..	EVAPORATOR CONTROLLER .....	RH side of LH footwell .....	21-2
S224 ..	GEAR STEP TRANSMISSION SWITCH ..	center console	
S232 ..	COMPRESSOR MAIN SWITCH .....	TIRE INFLATION SYSTEM	
S235 ..	STARTER IMMOBILIZATION SWITCH .....	LH footwell .....	20-1
S408 ..	INTERIOR LIGHT SWITCH .....	near interior rear view mirror .....	28-2
S531 ..	TEMPERATURE WHEEL SWITCH .....	center of dash .....	21-3
S555 ..	TYRE PRESSURE WARNING SYSTEM (RDW) PUSHBUTTON .....	LH side of dash	
S825 ..	FRONT LID MICRO SWITCH .....	near LH headlight assembly .....	29-1
S826 ..	LUGGAGE COMPARTMENT LIGHT SWITCH .....	underside of luggage compartment lid	
S910 ..	DRIVER'S SEAT LIMIT SWITCH .....	in driver's seatback .....	25-3

01/01

7000.0-13

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
S911	PASSENGER'S SEAT LIMIT SWITCH	in passenger's seatback .....		25-3
S8511	REVERSING LIGHT SWITCH	LH side of transmission .....		14-2
T6151	CYL. 1 IGNITION COIL	RH side of engine compartment		
T6152	CYL. 2 IGNITION COIL	RH side of engine compartment		
T6153	CYL. 3 IGNITION COIL	RH side of engine compartment		
T6154	CYL. 4 IGNITION COIL	RH side of engine compartment		
T6155	CYL. 5 IGNITION COIL	RH side of engine compartment		
T6156	CYL. 6 IGNITION COIL	RH side of engine compartment		
V5	DWA LED	center console .....		23-1
V9	UNCOUPLING DIODE (LIGHTS)	rear LH side of engine compartment in Power Distribution Box		
V10	UNCOUPLING DIODE (LIGHTS)	rear LH side of engine compartment in Power Distribution Box		
X2	BATTERY B+ START POINT	in RH side of luggage compartment		
X8	CABLE SOCKET B+	in RH side of luggage compartment		
X9	CABLE SOCKET B+	below LH side of dash		
X16	(26 PINS, NATURAL)	LH side of dash rear side of instrument cluster, A2w .....	20-2	00-2
X17	(26 PINS, BLUE)	LH side of dash rear side of instrument cluster, A2w .....	20-2	00-2
X32	(12 PINS, NATURAL)	on steering column .....	22-1	02-1
X33	(12 PINS, BLACK)	on steering column .....	22-1	02-1
X35	(4 PINS, BLACK)	RH side of LH footwell .....	21-1	02-4
X44	(9 PINS, BLACK)	Power Distribution Box rear LH side of engine compartment .....		03-1
X45	(9 PINS, BLACK)	Power Distribution Box rear LH side of engine compartment .....		03-1
X50	(9 PINS, BLACK)	Power Distribution Box rear LH side of engine compartment .....		03-1

01/01

7000-014

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X51	... (9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....		03-1
X52	... (9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....		03-1
X53	... (9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....		03-1
X56	... (9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....		03-1
X58	... (9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....		03-1
X63	... (9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....		03-1
X64	... (9 PINS, BLACK) .....	Power Distribution Box rear LH side of engine compartment .....		03-1
X65	... (9 PINS, BLACK) .....	below LH side of dash .....		03-1
X72	... (6 PINS, NATURAL) .....	on steering column .....	22-1	04-4
X73	... (8 PINS, NATURAL) .....	behind gas pedal .....		02-6
X74	... (50 PINS, NATURAL) .....	below center console .....	22-2	08-5
X78	... (4 PINS, BLACK) .....	on steering column .....	20-1	02-4
X85	... (3 PINS, BLACK) .....	rear LH side of engine compartment .....	14-3	05-2
X87	... (3 PINS, BLACK) .....	RH top of radiator .....	30-1	02-2
X105	... (2 PINS, GRAY) .....	on underside of engine hood .....		32-3
X106	... (2 PINS, GRAY) .....	on underside of engine hood .....		32-3
X107	... (2 PINS, BLACK) .....	front RH side of engine compartment on washer fluid reservoir		
X111	... (2 PINS, BLACK) .....	rear LH side of engine compartment .....	09-1	
X113	... (3 PINS, GRAY) .....	behind RH front wheel .....	13-3	05-4
X114	... (3 PINS, GRAY) .....	behind LH front wheel .....	04-3	05-4
X118	... (2 PINS, BLACK) .....	behind LH front wheel .....	04-3	
X121	... (3 PINS, VIOLET) .....	LH footwell .....		00-4

10/10

7000-015

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X122	... (2 PINS, BLACK) .....	rear LH side of engine compartment .....	31-3	
X123	... (2 PINS, GRAY) .....	front RH side of engine compartment on washer fluid reservoir		
X127	... (4 PINS, BLACK) .....	front RH side of engine compartment .....	30-2	05-1
X128	... (3 PINS, BLACK) .....	front LH side of engine compartment .....		02-2
X130	... (2 PINS, GRAY) .....	near front LH headlight .....	29-2	
X131	... (2 PINS, BLACK) .....	near front LH headlight .....	29-2	
X132	... (2 PINS, BLACK) .....	on front LH wheel well .....	32-1	
X133	... (2 PINS, BLACK) .....	on front RH wheel well .....	13-2	
X134	... (2 PINS, BLACK) .....	near front RH headlight .....	29-3	
X135	... (2 PINS, GRAY) .....	near front RH headlight .....	29-3	
X137	... (3 PINS, BLACK) .....	front RH side of engine compartment .....	30-3	02-2
X142	... (2 PINS, GRAY) .....	under LH rear of car .....	16-1	
X143	... (2 PINS, GRAY) .....	under RH rear of car .....	08-2	
X165	... GROUND .....	front RH side of engine compartment .....	01-2	
X166	... GROUND .....	front LH side of engine compartment .....	05-1	
X168	... (1 PIN, BLACK) .....	on steering wheel		
X170	... GROUND .....	behind LH footwell speaker grille .....	03-2	
X256	... (26 PINS, BLACK) .....	RH A-pillar .....	18-1	03-2
X257	... (26 PINS, BLACK) .....	LH A-pillar .....	16-3	03-2
X271	... (12 PINS, BLACK) .....	LH side of dash rear side of instrument cluster, A2w .....	20-2	01-1
X275	... (24 PINS, YELLOW) .....	under LH front seat .....		07-2
X279	... (24 PINS, YELLOW) .....	under RH front seat .....		07-2

01/01

7000.0-16

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X285	... (15 PINS, BLUE) .....	behind glove box .....	12-3	04-3
X295	... (8 PINS, BLACK) .....	on steering column .....	22-1	02-6
X311	... (3 PINS, BLACK) .....	in luggage compartment lid (ROADSTER) .....	28-3	00-4
X311	... (3 PINS, BLACK) .....	in lift gate (COUPE) .....	24-2	00-4
X312	... (2 PINS, BLACK) .....	RH rear wheel well .....	19-1	
X315	... (2 PINS, BLACK) .....	in luggage compartment lid (ROADSTER) .....	28-3	
X315	... (2 PINS, BLACK) .....	in lift gate (COUPE) .....	24-2	
X316	... (4 PINS, VIOLET) .....	center console near gearshift lever .....		06-1
X318	... (8 PINS, BLACK) .....	in RH rear side of luggage compartment behind RH rear light assembly .....	02-2	01-4
X319	... (8 PINS, BLACK) .....	in LH side of luggage compartment behind trim panel .....	32-2	01-4
X322	... (6 PINS, BLACK) .....	footwell, driver's side .....	00-3	03-3
X324	... (4 PINS, VIOLET) .....	center console near gearshift lever .....		06-1
X333	... (4 PINS, NATURAL) .....	rear of engine compartment below center of cowl .....	19-2	02-4
X336	... (3 PINS, BLACK) .....	in upper RH A-pillar .....		00-4
X351	... (3 PINS, BLACK) .....	RH B-pillar .....	26-1	00-4
X352	... (3 PINS, BLACK) .....	LH B-pillar .....	10-1	00-4
X357	... (2 PINS, WHITE) .....	near interior rear view mirror .....	28-2	
X371	... (3 PINS, BLACK) .....	near front LH headlight .....	29-1	02-2
X372	... (2 PINS, GRAY) .....	rear LH side of engine compartment .....		09-1
X376	... (2 PINS, BLUE) .....	under LH rear of car		
X377	... (2 PINS, BLUE) .....	under RH rear of car		
X379	... (1 PIN, NATURAL) .....	HARD TOP CONNECTOR 1		

01/01

7000-0-17

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X380	... (1 PIN, NATURAL) .....	HARD TOP CONNECTOR 1		
X383	... (2 PINS, BLACK) .....	on differential .....	08-1	
X389	... (2 PINS, BLACK) .....	LEFT FRONT AUXILIARY TURN LIGHT		
X390	... (2 PINS, BLACK) .....	RIGHT FRONT AUXILIARY TURN LIGHT		
X400	... (8 PINS, BLACK) .....	center console .....	01-4	
X413	... (3 PINS, BLACK) .....	HIGH LEVEL STOP LIGHT (ROADSTER) .....	25-2	00-4
X413	... (3 PINS, BLACK) .....	HIGH LEVEL STOP LIGHT (COUPE) .....		00-4
X423	... (1 PIN, —) .....	below center console on rear of park brake lever		
X424	... (1 PIN, —) .....	in LH side of luggage compartment behind trim panel (ROADSTER)		
X424	... (1 PIN, —) .....	in roof panel (COUPE) .....	24-3	
X492	... GROUND .....	front LH side of engine compartment .....	05-1	
X494	... GROUND .....	below center console .....	03-1	
X503	... (12 PINS, BLACK) .....	LH side of dash .....	20-3	06-2
X504	... (4 PINS, NATURAL) .....	LH side of dash .....	20-3	02-4
X509	... (9 PINS, BLACK) .....	rear LH side of engine compartment in Power Distribution Box .....	03-1	
X510	... (9 PINS, BLACK) .....	rear LH side of engine compartment in Power Distribution Box .....	03-1	
X514	... (4 PINS, BLACK) .....	center console .....	23-1	06-1
X516	... (5 PINS, BLACK) .....	center console .....		02-3
X521	... (4 PINS, BLUE) .....	center console .....		06-1
X522	... (3 PINS, NATURAL) .....	RH side of LH footwell .....		03-6
X531	... (1 PIN, NATURAL) .....	center console .....	22-3	
X532	... (2 PINS, BLACK) .....	center console .....	22-3	

01/01

7000.0-18

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X537	... (3 PINS, BLACK) .....	REAR LEFT MID-HIGH RANGE SPEAKER (ROADSTER) .....	02-3	00-4
X537	... (3 PINS, BLACK) .....	in roof panel, REAR LEFT MID-HIGH RANGE SPEAKER (COUPE) .....	00-4	
X538	... (3 PINS, BLACK) .....	REAR RIGHT MID-HIGH RANGE SPEAKER (ROADSTER) .....	26-2	00-4
X538	... (3 PINS, BLACK) .....	in roof panel, REAR RIGHT MID-HIGH RANGE SPEAKER (COUPE) .....	00-4	
X539	... (2 PINS, BLACK) .....	center console (radio and console removed) .....	27-1	
X605	... (12 PINS, BLACK) .....	in RH forward side of luggage compartment .....	19-3	01-3
X606	... (26 PINS, BLACK) .....	in RH forward side of luggage compartment behind trim panel .....	19-3	00-2
X623	... (4 PINS, BLACK) .....	in driver's door .....	17-2	06-1
X624	... (4 PINS, BLACK) .....	in passenger's door .....	18-3	06-1
X625	... (6 PINS, BLACK) .....	in driver's door .....	17-2	06-6
X641	... (6 PINS, BLACK) .....	in passenger's door .....	18-2	06-4
X643	... (6 PINS, WHITE) .....	in roof panel .....		04-2
X651	... (6 PINS, VIOLET) .....	center console .....	23-1	04-1
X658	... (6 PINS, VIOLET) .....	center console .....	23-1	04-1
X660	... (6 PINS, BLACK) .....	LH front door behind door panel .....		06-4
X693	... (1 PIN, NATURAL) .....	TIRE INFLATION SYSTEM		
X700	... (1 PIN, —) .....	behind RH footwell speaker grille .....	23-3	
X701	... (1 PIN, —) .....	behind LH footwell speaker grille .....		
X709	... (2 PINS, BLACK) .....	underside of luggage compartment lid, near license plate .....		
X710	... (2 PINS, BLACK) .....	underside of luggage compartment lid, near license plate .....		
X711	... (2 PINS, BLACK) .....	in luggage compartment lid (ROADSTER) .....	28-3	
X711	... (3 PINS, BLACK) .....	in luggage compartment lid (COUPE) .....		00-4

01/01

7000-019

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X712	.. (1 PIN, BLACK) .....	in luggage compartment (ROADSTER)		
X712	.. (4 PINS, NATURAL) .....	in roof panel (COUPE) .....	24-3	
X713	.. (2 PINS, BLACK) .....	under RH rear of car .....	08-2	
X726	.. (2 PINS, NATURAL) .....	under LH front seat		
X728	.. (2 PINS, BLACK) .....	under LH front seat		
X733	.. (3 PINS, BLACK) .....	under LH front seat .....	00-4	
X734	.. (2 PINS, NATURAL) .....	under RH front seat		
X737	.. (2 PINS, BLACK) .....	under RH front seat		
X740	.. (3 PINS, BLACK) .....	under RH front seat .....	00-4	
X742	.. (2 PINS, YELLOW) .....	in passenger's door		
X744	.. (4 PINS, GRAY) .....	in passenger's door .....	18-3	05-1
X746	.. (3 PINS, YELLOW) .....	in passenger's door .....	18-3	09-3
X747	.. (2 PINS, YELLOW) .....	in driver's door .....	17-1	
X749	.. (2 PINS, GRAY) .....	in driver's door .....	17-2	
X753	.. (3 PINS, YELLOW) .....	in driver's door .....	17-2	09-3
X760	.. (3 PINS, BLACK) .....	RIGHT REAR HIGH RANGE SPEAKER .....	00-4	
X761	.. (1 PIN, BLACK) .....	RIGHT REAR SPEAKER		
X762	.. (3 PINS, BLACK) .....	LEFT REAR HIGH RANGE SPEAKER .....	00-4	
X763	.. (1 PIN, BLACK) .....	LEFT REAR SPEAKER		
X766	.. (2 PINS, BLACK) .....	LH front of vehicle		
X767	.. (2 PINS, BLACK) .....	RH front of vehicle		
X768	.. (2 PINS, BLACK) .....	on front LH wheel well .....	32-1	

01/01

7000.0-20

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X769	.. (2 PINS, BLACK) .....	RH front of wheel well .....	13-2	
X770	.. (2 PINS, BLACK) .....	on front LH wheel well (M VERSIONS) .....	32-1	
X770	.. (2 PINS, BLACK) .....	in RH front bumper (Z3 VERSIONS) .....	04-1	
X771	.. (2 PINS, NATURAL) .....	RH side of LH footwell .....	21-2	
X778	.. (4 PINS, BLACK) .....	under LH front seat .....		06-1
X782	.. (6 PINS, BLACK) .....	behind glove box above .....	12-1	09-5
X783	.. (6 PINS, BLACK) .....	underside of steering column .....	27-3	09-5
X861	.. GROUND .....	front RH side of engine compartment		
X898	.. (4 PINS, BLACK) .....	center console .....	06-1	
X904	.. (4 PINS, BLACK) .....	RH side of LH footwell .....		02-4
X905	.. (7 PINS, BLACK) .....	center of dash .....	21-3	08-2
X1014	.. (1 PIN, BLACK) .....	center console .....	22-3	
X1098	.. (3 PINS, BLACK) .....	LH side of dash .....	20-3	00-4
X1116	.. GROUND .....	in LH side of luggage compartment .....	06-3	
X1148	.. (2 PINS, BLACK) .....	on front RH wheel well		
X1155	.. (3 PINS, BLACK) .....	center console (Z3 VERSIONS) .....		00-4
X1155	.. (4 PINS, BLACK) .....	center console (M VERSIONS) .....	06-1	
X1170	.. (25 PINS, GRAY) .....	front LH side of engine compartment .....	11-2	08-3
X1213	.. (2 PINS, BLACK) .....	center console		
X1222	.. (6 PINS, BLACK) .....	in LH side of luggage compartment behind trim panel .....	32-2	09-5
X1255	.. (4 PINS, BLACK) .....	TIRE INFLATION SYSTEM .....		10-1
X1265	.. (1 PIN, NATURAL) .....	HARD TOP CONNECTOR 1		

01/01

7000-0-21

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X1266 .	(1 PIN, NATURAL) .....	HARD TOP CONNECTOR 1		
X1376 .	(9 PINS, BLACK) .....	rear LH side of engine compartment in Power Distribution Box .....	03-1	
X1380 .	(1 PIN, —) .....	behind RH footwell speaker grille .....	23-3	
X1381 .	(1 PIN, —) .....	behind LH footwell speaker grille		
X1439 .	(2 PINS, BLACK) .....	center console		
X1441 .	GROUND .....	below center console .....	22-2	
X1517 .	(6 PINS, BLACK) .....	RH side of LH footwell .....	21-2	08-1
X1529 .	(1 PIN, —) .....	rear LH side of engine compartment in Power Distribution Box		
X1530 .	(1 PIN, NATURAL) .....	rear LH side of engine compartment in Power Distribution Box		
X1561 .	(4 PINS, VIOLET) .....	center console .....	06-1	
X1588 .	(2 PINS, BLACK) .....	below LH side of dash .....	00-3	
X1600 .	(3 PINS, NATURAL) .....	center console .....	00-4	
X1602 .	(9 PINS, BLACK) .....	rear LH side of engine compartment in Power Distribution Box .....	03-1	
X1653 .	(3 PINS, BLACK) .....	under driver's seat .....	15-2	02-2
X1655 .	(3 PINS, NATURAL) .....	under driver's seat .....	15-2	02-2
X1656 .	(2 PINS, BLACK) .....	rear LH side of engine compartment .....	11-3	
X1658 .	(6 PINS, BLACK) .....	on steering column .....	15-3	09-5
X1714 .	(3 PINS, BLACK) .....	rear LH side of engine compartment .....	02-2	
X1715 .	(4 PINS, NATURAL) .....	in rear left speaker box (ROADSTER) .....	26-3	02-4
X1715 .	(4 PINS, NATURAL) .....	in RH forward side of luggage compartment (COUPE) .....	19-3	02-4
X1717 .	(42 PINS, BLACK) .....	in RH forward side of luggage compartment .....	25-1	10-2
X1746 .	(43 PINS, BLACK) .....	LH side of engine compartment .....	11-2	10-1

01/01

7000-0-22

2001



## COMPONENT LOCATION CHART

Z3

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X1747 . (3 PINS, NATURAL) .....	rear LH side of engine compartment .....	11-3	02-2
X1748 . (3 PINS, NATURAL) .....	rear LH side of engine compartment .....	11-3	02-2
X1764 . (3 PINS, BLACK) .....	RH side of steering column .....	15-1	00-4
X1770 . (3 PINS, ORANGE) .....	in RH forward side of luggage compartment (ROADSTER) .....	25-1	06-5
X1770 . (3 PINS, ORANGE) .....	in RH forward side of luggage compartment (COUPE) .....		06-5
X1775 . (3 PINS, NATURAL) .....	in lift gate .....		09-4
X1805 . (15 PINS, NATURAL) .....	LH side of steering column .....	15-1	04-3
X1883 . (2 PINS, YELLOW) .....	LH front door .....		16-2
X1884 . (2 PINS, YELLOW) .....	RH front door .....		07-2
X1885 . (3 PINS, BLACK) .....	under LH front seat .....	07-3	09-1
X1886 . (3 PINS, BLACK) .....	under RH front seat .....	07-1	09-1
X1976 . CABLE SOCKET B+ .....	below LH side of dash		
X1977 . CABLE SOCKET B+ .....	below LH side of dash		
X1978 . CABLE SOCKET B+ .....	below LH side of dash		
X1979 . CABLE SOCKET B+ .....	below LH side of dash		
X1980 . CABLE SOCKET B+ .....	below LH side of dash		
X1981 . CABLE SOCKET B+ .....	below LH side of dash		
X1982 . CABLE SOCKET B+ .....	below LH side of dash		
X2239 . (6 PINS, BLACK) .....	center console .....		09-5
X2499 . (8 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....		02-6
X3158 . (1 PIN, NATURAL) .....	TIRE INFLATION SYSTEM		
X3505 . (10 PINS, BLACK) .....	center console .....		01-6

01/01

7000.0-23

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X5115 .	(2 PINS, BLACK) .....	center console (radio and console removed) .....	27-1	
X5255 .	(6 PINS, BLACK) .....	front of engine .....	10-2	
X5351 .	(2 PINS, BLACK) .....	RH side of engine compartment		
X5392 .	(2 PINS, BLACK) .....	LH side of engine		
X5393 .	(3 PINS, BLACK) .....	LH side of engine .....	09-2	
X6002 .	(20 PINS, BLACK) .....	rear LH side of engine compartment .....	03-4	
X6011 .	(2 PINS, BLUE) .....	rear RH side of engine compartment in E-Box		
X6021 .	(4 PINS, BLACK) .....	rear RH side of engine compartment in E-Box (Z3 VERSIONS) .....	02-4	
X6021 .	(8 PINS, BLACK) .....	rear RH side of engine compartment in E-Box (M VERSIONS) .....	02-6	
X6053 .	(8 PINS, NATURAL) .....	rear RH side of engine compartment in E-Box .....	02-6	
X6054 .	(2 PINS, NATURAL) .....	rear RH side of engine compartment in E-Box		
X6101 .	(2 PINS, BLACK) .....	top center of engine		
X6102 .	(2 PINS, BLACK) .....	top center of engine		
X6103 .	(2 PINS, BLACK) .....	top center of engine		
X6104 .	(2 PINS, BLACK) .....	top center of engine		
X6105 .	(2 PINS, BLACK) .....	top center of engine		
X6106 .	(2 PINS, BLACK) .....	top center of engine		
X6120 .	(2 PINS, BLACK) .....	LH side of engine compartment		
X6130 .	(3 PINS, BLACK) .....	front of engine .....	09-2	
X6133 .	(2 PINS, BLACK) .....	rear RH side of engine compartment (Z3 VERSIONS)		
X6133 .	(2 PINS, VIOLET) .....	RH side of engine compartment (M VERSIONS)		
X6151 .	(3 PINS, BLACK) .....	top RH side of engine (Z3 VERSIONS) .....	08-4	

01/01

7000-0-24

2001



## COMPONENT LOCATION CHART

Z3

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X6151 . (3 PINS, BLACK) .....	top RH side of engine (M VERSIONS) .....	10-3	
X6152 . (3 PINS, BLACK) .....	top RH side of engine (Z3 VERSIONS) .....	08-4	
X6152 . (3 PINS, BLACK) .....	top RH side of engine (M VERSIONS) .....	10-3	
X6153 . (3 PINS, BLACK) .....	top RH side of engine (Z3 VERSIONS) .....	08-4	
X6153 . (3 PINS, BLACK) .....	top RH side of engine (M VERSIONS) .....	10-3	
X6154 . (3 PINS, BLACK) .....	top RH side of engine (Z3 VERSIONS) .....	08-4	
X6154 . (3 PINS, BLACK) .....	top RH side of engine (M VERSIONS) .....	10-3	
X6155 . (3 PINS, BLACK) .....	top RH side of engine (Z3 VERSIONS) .....	08-4	
X6155 . (3 PINS, BLACK) .....	top RH side of engine (M VERSIONS) .....	10-3	
X6156 . (3 PINS, BLACK) .....	top RH side of engine (Z3 VERSIONS) .....	08-4	
X6156 . (3 PINS, BLACK) .....	top RH side of engine (M VERSIONS) .....	10-3	
X6163 . (2 PINS, BLACK) .....	LH side of engine compartment		
X6165 . (2 PINS, BLACK) .....	rear LH side of engine compartment		
X6167 . (2 PINS, BLACK) .....	LH side of engine compartment		
X6203 . (3 PINS, BLACK) .....	rear LH side of engine compartment (Z3 VERSIONS) .....	05-5	
X6203 . (3 PINS, BLACK) .....	LH side of engine (M VERSIONS) .....	09-2	
X6205 . (2 PINS, BLACK) .....	top center of engine		
X6207 . (3 PINS, BLACK) .....	LH side of engine compartment (Z3 VERSIONS) .....	09-2	
X6207 . (5 PINS, BLACK) .....	LH side of engine compartment (M VERSIONS) .....	10-4	
X6214 . (3 PINS, BLACK) .....	front of engine (Z3 VERSIONS) .....	09-2	
X6214 . (3 PINS, BLACK) .....	top front of engine (M VERSIONS) .....	10-5	
X6224 . (3 PINS, BLACK) .....	front of engine (Z3 VERSIONS) .....	00-1	

01/01

7000-0-25

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X6224	(3 PINS, BLACK) .....	top front of engine (M VERSIONS) .....		05-5
X6231	(2 PINS, BLACK) .....	LH side of engine compartment		
X6236	(2 PINS, BLACK) .....	LH side of engine		
X6238	(2 PINS, BLACK) .....	RH side of oil filter		
X6241	(2 PINS, BLACK) .....	top LH side of engine		
X6242	(2 PINS, BLACK) .....	top LH side of engine		
X6243	(2 PINS, BLACK) .....	top LH side of engine		
X6252	(3 PINS, BLACK) .....	LH side of engine compartment .....	09-2	
X6254	(3 PINS, BLACK) .....	LH side of engine (Z3 VERSIONS) .....	00-1	
X6254	(3 PINS, BLACK) .....	lower LH side of engine compartment (M VERSIONS) .....	10-6	
X6275	(2 PINS, BLACK) .....	top center of engine		
X6276	(2 PINS, BLACK) .....	front of engine		
X6279	(2 PINS, BLACK) .....	front of engine		
X6300	(9 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....	03-1	
X6301	(9 PINS, BLACK) .....	below LH side of dash (Z3 VERSIONS) .....	03-1	
X6301	(9 PINS, BLACK) .....	under rear storage compartment (M VERSIONS) .....	03-1	
X6304	(9 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....	03-1	
X6325	(9 PINS, BLACK) .....	rear LH side of engine compartment .....	03-1	
X6327	(9 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....	03-1	
X6390	(6 PINS, BLACK) .....	top LH side of engine .....	00-3	
X6394	(9 PINS, BLACK) .....	TIRE INFLATION SYSTEM .....	03-1	

01/01

7000-0-26

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X6430	CABLE SOCKET B+ JUMP START JUNCTION POINT .....	rear RH side of engine compartment		
X6431	CABLE SOCKET B+ JUMP START JUNCTION POINT .....	rear RH side of engine compartment		
X6454	GROUND .....	rear RH side of engine compartment .....	01-2	
X6455	GROUND .....	rear RH side of engine compartment .....	01-2	
X6456	GROUND .....	on cylinder head (Z3 VERSIONS) .....	06-1	
X6456	GROUND .....	rear RH side of engine compartment (M VERSIONS)		
X6500	(6 PINS, BLACK) .....	under rear storage compartment .....	28-1	05-6
X6506	(2 PINS, BLACK) .....	rear RH side of engine compartment in E-Box		
X6509	CABLE SOCKET ALTERNATOR B+ .....	front LH side of engine compartment		
X6510	CABLE SOCKET STARTER, TERMINAL 50	rear LH side of engine compartment at starter .....	01-1	
X6511	CABLE SOCKET STARTER, TERMINAL 30h .....	rear LH side of engine compartment at starter		
X6512	CABLE SOCKET STARTER, TERMINAL 30	rear LH side of engine compartment at starter .....	01-1	
X6524	(3 PINS, BLACK) .....	front LH side of engine compartment .....		09-2
X8505	(20 PINS, BLACK) .....	on RH side of transmission .....		07-4
X8511	(2 PINS, BLACK) .....	LH side of transmission .....	14-2	
X8518	(3 PINS, VIOLET) .....	center console .....		00-4
X9063	(2 PINS, BLACK) .....	rear LH side of engine compartment		
X9336	(4 PINS, NATURAL) .....	in upper RH A-pillar .....		02-4
X9410	(1 PIN, NATURAL) .....	rear LH side of engine compartment in Power Distribution Box		

01/01

7000.0-27

2001



## COMPONENT LOCATION CHART

Z3

COMP. DESCRIPTION	LOCATION	7100.0	8500.0
X9411 . (1 PIN, —) .....	rear LH side of engine compartment in Power Distribution Box		
X9561 . (5 PINS, NATURAL) .....	center console .....	11-1	
X9633 . GROUND .....	behind LH footwell speaker grille .....	03-2	
X9990 . (3 PINS, BLACK) .....	underside of LH front seat .....		09-4
X9991 . (10 PINS, BLACK) .....	underside of LH front seat .....		10-3
X9994 . (3 PINS, BLACK) .....	underside of RH front seat .....		09-4
X9995 . (10 PINS, BLACK) .....	underside of RH front seat .....		10-3
X9997 . (6 PINS, BLACK) .....	behind steering wheel .....		09-5
X10010 GROUND .....	behind glove box .....	00-2	
X10013 (2 PINS, NATURAL) .....	behind steering wheel		
X10054 (8 PINS, BLACK) .....	RH side of LH footwell .....	21-1	01-4
X10065 (2 PINS, WHITE) .....	LH footwell .....	14-1	
X10088 (2 PINS, BLACK) .....	front RH side of engine compartment .....	30-3	
X10170 (3 PINS, NATURAL) .....	near steering column .....	15-1	00-4
X10182 (18 PINS, BLACK) .....	behind glove box .....		06-3
X10216 (3 PINS, YELLOW) .....	in LH front seat belt buckle .....	27-2	06-5
X10217 (3 PINS, YELLOW) .....	in RH front seat belt buckle .....	27-2	06-5
X10218 (3 PINS, NATURAL) .....	under RH front seat .....		00-4
X10241 (1 PIN, BLACK) .....	front RH side of engine compartment .....	30-2	
X10244 (1 PIN, BLACK) .....	behind glove box .....	12-1	
X10245 (12 PINS, BLACK) .....	center console .....	00-1	01-1
X10262 (9 PINS, BLACK) .....	below LH side of dash .....		03-1

01/01

7000.0-28

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X10266	(6 PINS, BLACK) .....	in RH forward side of luggage compartment (COUPE) .....	19-3	04-1
X10285	(2 PINS, BLACK) .....	in lift gate .....	24-1	
X10299	(4 PINS, BLACK) .....	RH rear wheel well .....	17-3	02-4
X10367	(3 PINS, BLUE) .....	in rear speaker box .....		00-4
X10369	(3 PINS, BLUE) .....	in rear speaker box .....		00-4
X10422	CABLE SOCKET B+ .....	below LH side of dash		
X10467	(2 PINS, YELLOW) .....	RH side of luggage compartment .....	02-1	
X10470	(3 PINS, BLACK) .....	in RH rear side of luggage compartment .....	10-2	00-4
X11104	(1 PIN, —) .....	near interior rear view mirror .....	28-2	
X11105	(1 PIN, —) .....	near interior rear view mirror .....	28-2	
X11106	(1 PIN, —) .....	near interior rear view mirror .....	28-2	
X11143	(3 PINS, BLUE) .....	footwell, driver's side .....	20-1	00-4
X11209	(4 PINS, BLACK) .....	near RH rear wheel well .....	17-3	02-4
X11287	CONNECTORS SOLDERED UP .....	center of dash		
X11402	(3 PINS, VIOLET) .....	in lift gate .....		00-4
X11403	(3 PINS, VIOLET) .....	in lift gate .....		00-4
X13004	GROUND .....	behind glove box .....	00-2	
X13006	GROUND .....	in LH side of luggage compartment .....	05-3	
X13016	GROUND .....	in LH side of luggage compartment .....	05-2	
X13017	(2 PINS, BLUE) .....	hard top		
X13025	(12 PINS, BLACK) .....	behind glove box .....	12-1	02-1
X13032	GROUND .....	under rear storage compartment .....	06-2	

01/01

7000-0-29

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X13045	(6 PINS, NATURAL) .....	center console .....		04-1
X13057	(2 PINS, BLACK) .....	in lift gate .....	24-2	
X13139	(10 PINS, BLACK) .....	near interior rear view mirror .....		01-6
X13146	(8 PINS, BLACK) .....	in LH side of luggage compartment .....	08-3	01-4
X13233	(2 PINS, BLACK) .....	center of dash behind center console		
X13252	(15 PINS, BLACK) .....	behind glove box .....	12-3	04-3
X13253	(26 PINS, VIOLET) .....	behind glove box .....	12-3	00-2
X13254	(26 PINS, GREEN) .....	behind glove box .....	12-3	00-2
X13268	(3 PINS, BLACK) .....	in lift gate .....	24-2	00-4
X13287	(1 PIN, WHITE) .....	center of dash behind center console		
X13394	(3 PINS, BLUE) .....	behind RH front wheel .....		05-4
X13395	(3 PINS, BLUE) .....	behind LH front wheel .....		05-4
X13396	(3 PINS, BLACK) .....	center console .....		00-4
X13578	(18 PINS, BLUE) .....	under glove box .....		06-3
X18080	(1 PIN, BLACK) .....	in LH side of luggage compartment		
X18126	(17 PINS, BLACK) .....	center console behind radio .....		01-5
X18170	GROUND .....	below center console .....		03-1
X18180	(3 PINS, BLACK) .....	in RH rear side of luggage compartment .....		00-4
X18184	(1 PIN, BLACK) .....	RIGHT REAR SPEAKER		
X18189	(1 PIN, BLACK) .....	LEFT REAR SPEAKER		
X18190	(3 PINS, BLACK) .....	in driver's door .....	17-2	09-3
X18196	(10 PINS, BLACK) .....	LH A-pillar .....	16-3	01-6

01/01

7000-0-30

201



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X18198	(10 PINS, BLACK) .....	RH A-pillar .....	18-1	01-6
X18279	(2 PINS, GRAY) .....	in driver's door		
X18280	(2 PINS, GRAY) .....	in passenger's door		
X18303	(47 PINS, BLACK) .....	LH side of engine compartment .....		11-2
X18333	(2 PINS, BLACK) .....	on instrument cluster		
X18349	(8 PINS, BLACK) .....	center console .....	00-1	07-3
X18350	(6 PINS, BLACK) .....	RH side of LH footwell .....	21-2	03-3
X18363	(9 PINS, BLACK) .....	in LH side of luggage compartment .....		03-1
X18364	(9 PINS, BLACK) .....	in LH side of luggage compartment .....		03-1
X18516	(3 PINS, BLACK) .....	in passenger's door .....	18-3	09-3
X18518	(4 PINS, BLACK) .....	under RH front seat .....		06-1
X18520	(10 PINS, BLACK) .....	center console RADIO		
X18521	(10 PINS, BLACK) .....	RH side of luggage compartment CD CHANGER		
X18774	(42 PINS, BLACK) .....	in LH forward side of luggage compartment .....	10-3	10-2
X18983	(2 PINS, BLACK) .....	center of dash		
X18984	(2 PINS, BLACK) .....	center of dash .....	21-3	
X18994	(3 PINS, VIOLET) .....	LH footwell .....	20-1	00-4
X19007	(12 PINS, BLACK) .....	behind glove box .....	12-2	01-1
X19018	(2 PINS, BLACK) .....	behind glove box .....	23-2	
X19022	(3 PINS, BLACK) .....	under radiator .....	13-1	11-3
X19527	(16 PINS, BLACK) .....	center console right .....	03-3	07-1
X19562	(4 PINS, NATURAL) .....	rear LH side of engine compartment .....	31-2	05-1

01/01

7000-0-31

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
X23146	(2 PINS, BLACK) .....	in LH side of luggage compartment .....	08-3	
X60001	(9 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....	31-1	01-2
X60002	(24 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....	31-1	03-5
X60003	(52 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....	31-1	02-5
X60004	(40 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....	31-1	07-5
X60005	(9 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....	31-1	01-2
X60531	(3 PINS, WHITE) .....	rear RH side of engine compartment in E-Box .....		03-6
X62101	(4 PINS, BLACK) .....	on catalytic converter .....		05-3
X62102	(4 PINS, BLACK) .....	on catalytic converter .....		05-3
X62201	(4 PINS, BLACK) .....	on catalytic converter .....		05-3
X62202	(4 PINS, BLACK) .....	on catalytic converter .....		05-3
X62400	(4 PINS, BLACK) .....	LH side of engine .....		05-3
X64101	(2 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....		
X64102	(2 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....		
X64192	(2 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....		
X70001	(9 PINS, BLUE) .....	rear RH side of engine compartment in E-Box .....		01-2
X70003	(52 PINS, BLUE) .....	rear RH side of engine compartment in E-Box .....		02-5
X70004	(40 PINS, BLUE) .....	rear RH side of engine compartment in E-Box .....		07-5
X89977	(2 PINS, BLACK) .....	rear RH side of engine compartment in E-Box .....		
X91009	(2 PINS, BLACK) .....	under RH front seat .....		
X100000	(4 PINS, NATURAL) .....	LH side of dash .....		02-4
Y2 .....	AIR CONDITIONING COMPRESSOR ....	front RH side of engine compartment .....		

01/01

7000.0-32

2001



## COMPONENT LOCATION CHART

Z3

COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
Y4z	WATER VALVE	rear LH side of engine compartment		14-3
Y5	DRIVER'S SIDE MIRROR	in upper LH front door		
Y6	PASSENGER'S SIDE MIRROR	in upper RH front door		
Y16z	PRESSURE TRANSMITTER	rear LH side of engine compartment		11-3
Y19	SHIFT-LOCK	center console		
Y5255	VARIABLE CAMSHAFT CONTROL VALVES	front of engine		
Y5392	ELECTRIC THROTTLE MOTOR	LH side of engine		
Y6101	CYL. 1 FUEL INJECTION VALVE	on cylinder head		
Y6102	CYL. 2 FUEL INJECTION VALVE	on cylinder head		
Y6103	CYL. 3 FUEL INJECTION VALVE	on cylinder head		
Y6104	CYL. 4 FUEL INJECTION VALVE	on cylinder head		
Y6105	CYL. 5 FUEL INJECTION VALVE	on cylinder head		
Y6106	CYL. 6 FUEL INJECTION VALVE	on cylinder head		
Y6120	EVAPORATIVE EMISSION VALVE	LH side of engine compartment		
Y6130	IDLE SPEED CONTROL VALVE	front of engine		
Y6133	AIR PUMP	rear RH side of engine compartment		
Y6163	SECONDARY AIR PUMP VALVE	LH side of engine compartment		
Y6165	SOLENOID VALVE, SUCKING JET PUMP	rear LH side of engine compartment		
Y6167	VALVE, INDIVIDUAL CONTROL INTAKE SYSTEM	LH side of engine compartment		
Y6275z	VARIABLE CAMSHAFT CONTROL VALVE 1 (INLET)	on cylinder head		

01/01

7000.0-33

2001



## COMPONENT LOCATION CHART

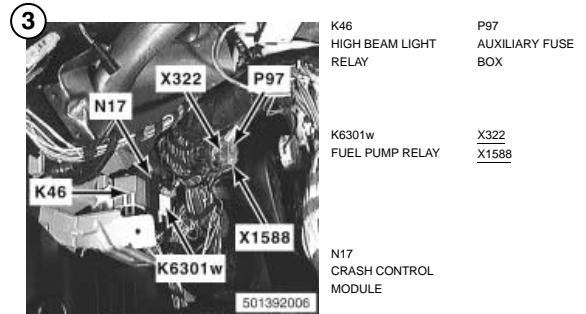
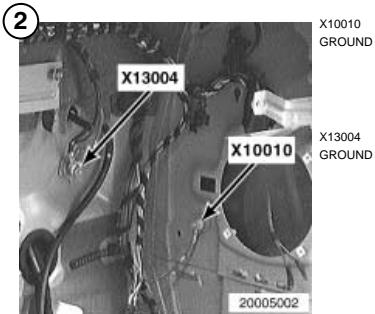
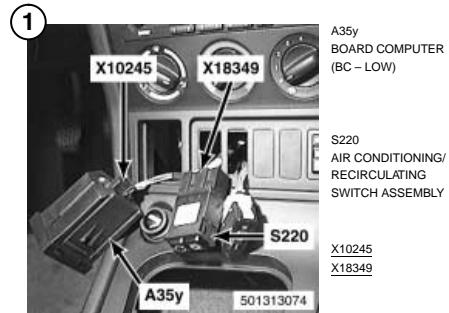
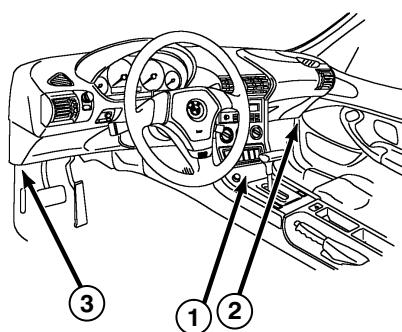
Z3

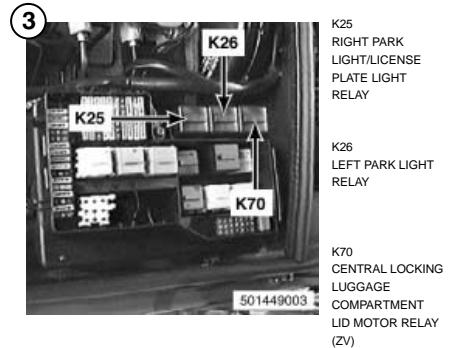
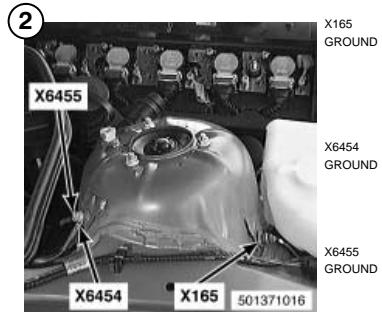
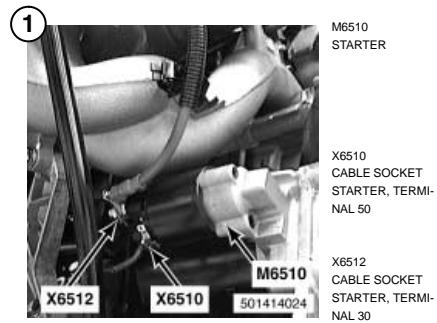
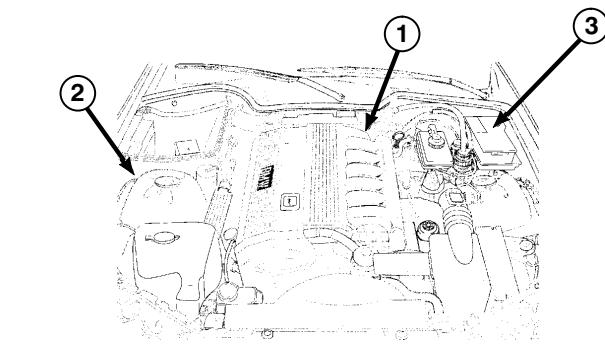
COMP.	DESCRIPTION	LOCATION	7100.0	8500.0
Y6276 .	VARIABLE CAMSHAFT CONTROL VALVE 2 (OUTLET) .....	on cylinder head		
Y6390 .	ELECTRIC THROTTLE ACTUATOR .....	top LH side of engine		
Y8505y	TRANSMISSION VALVE UNIT .....	on RH side of transmission		

01/01

7000.0-34

2001

**7100.0 COMPONENT LOCATION VIEWS**

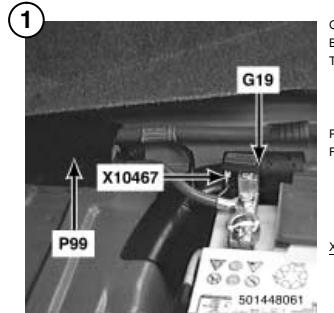
**COMPONENT LOCATION VIEWS**

**COMPONENT LOCATION VIEWS**

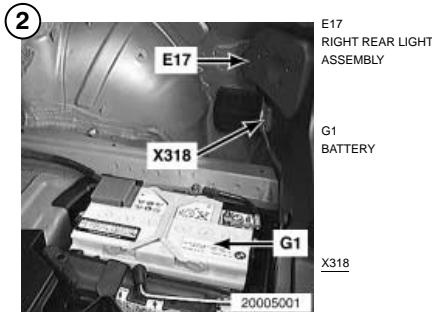
06/00

7100.0-02

2001



G19  
BATTERY SAFETY  
TERMINAL  
P99  
FUSE HOLDER  
X10467



E17  
RIGHT REAR LIGHT  
ASSEMBLY

G1  
BATTERY

X318



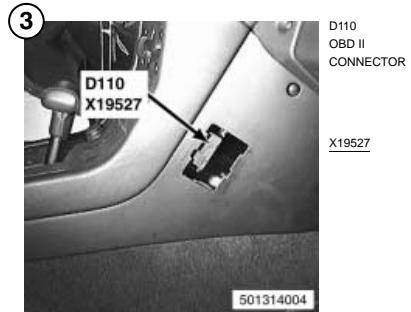
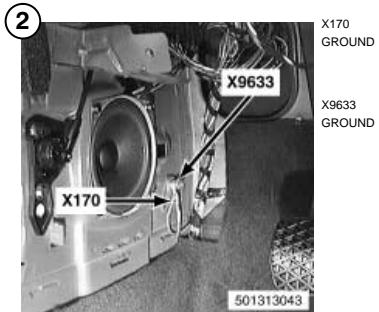
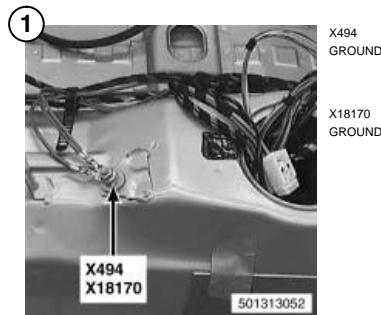
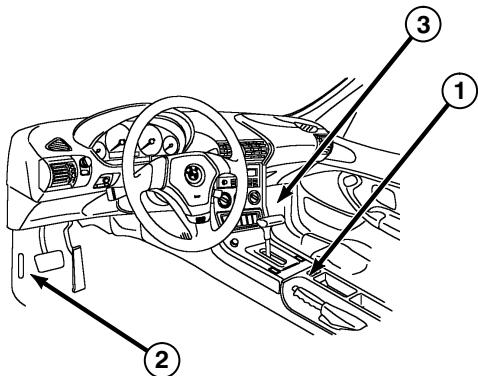
H55z  
REAR LEFT MID–  
HIGH RANGE  
SPEAKER  
X537

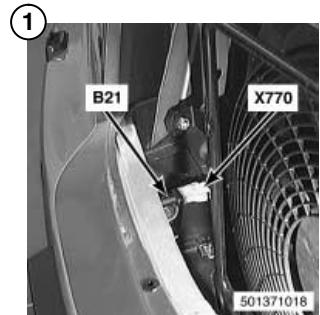
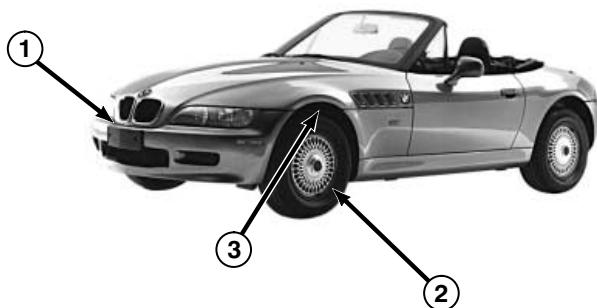
**COMPONENT LOCATION VIEWS**

06/00

7100.0-03

2001

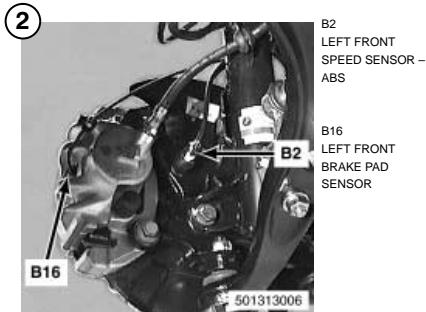


**COMPONENT LOCATION VIEWS**

B21  
ON-BOARD  
COMPUTER  
TEMPERATURE  
SENSOR

X770

501371018

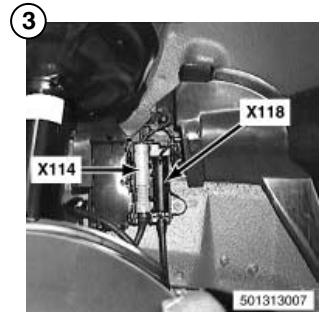


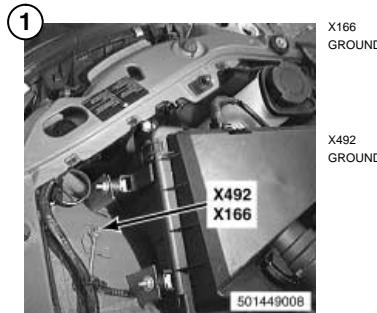
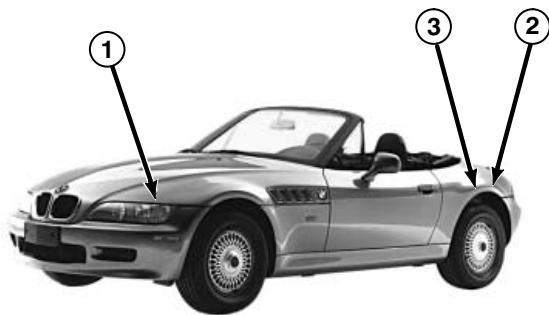
B2  
LEFT FRONT  
SPEED SENSOR –  
ABS

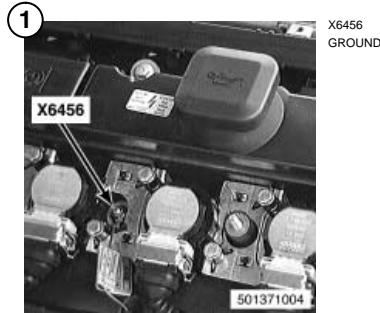
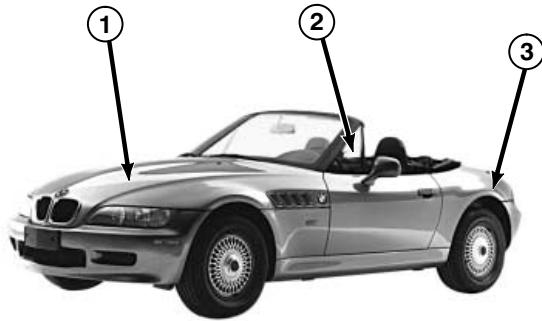
B16  
LEFT FRONT  
BRAKE PAD  
SENSOR

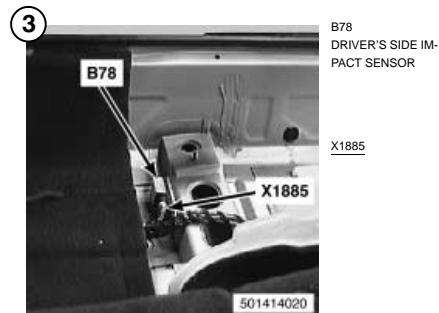
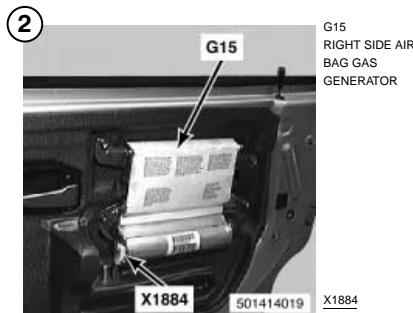
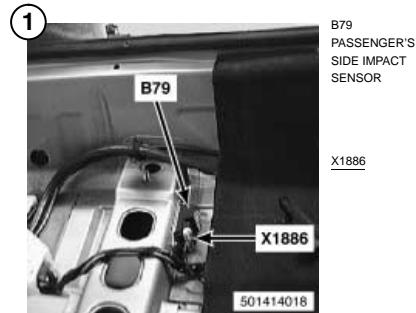
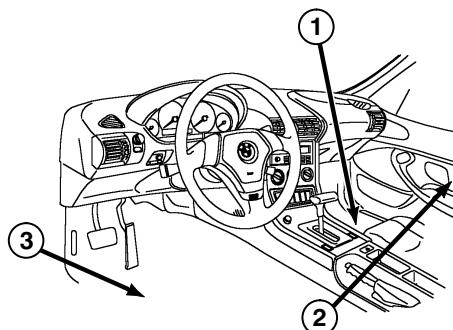
X114  
X118

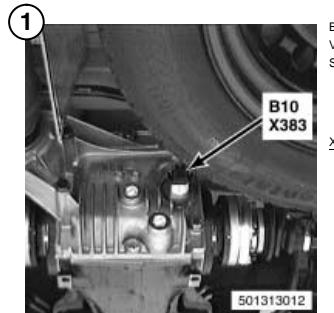
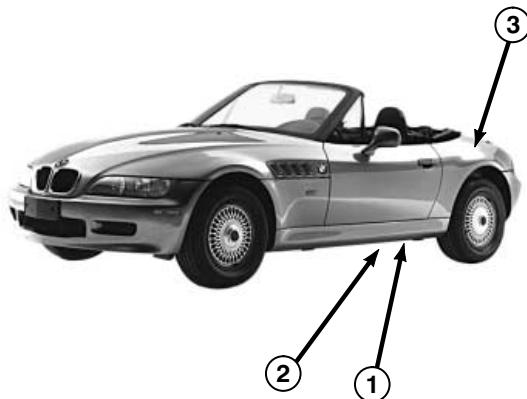
501313007



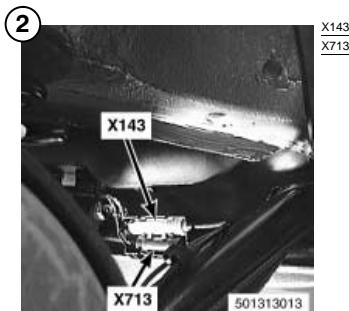




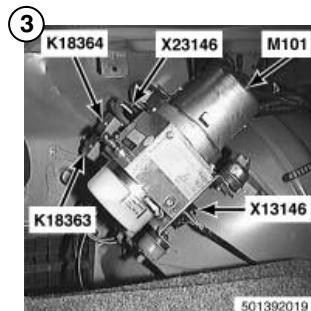
**COMPONENT LOCATION VIEWS**

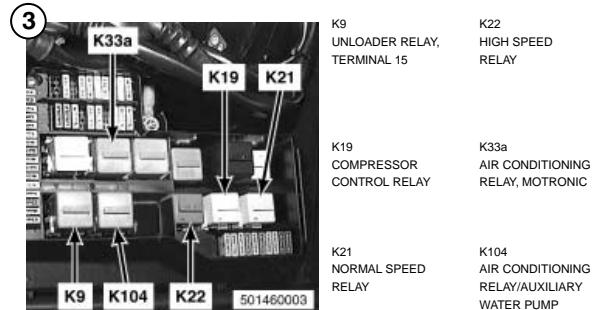
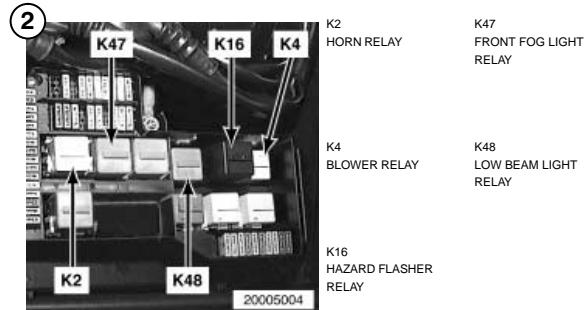
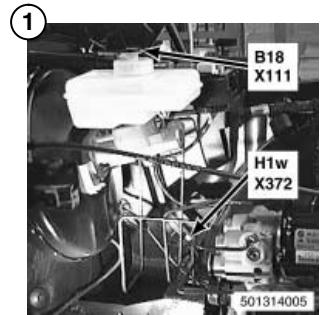
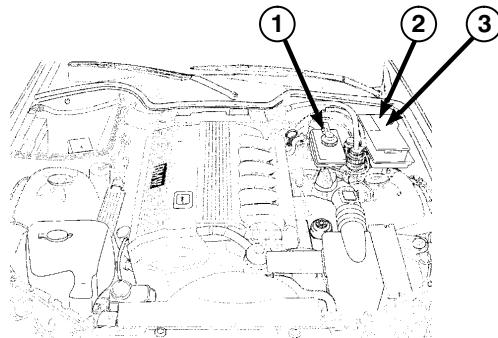
**COMPONENT LOCATION VIEWS**B10  
VEHICLE SPEED  
SENSOR

X383

X143  
X713

501313013

K18363  
CONVERTIBLE TOP  
RELAY I (CLOSE)      X13146  
X23146K18364  
CONVERTIBLE TOP  
RELAY II (OPEN)M101  
CONVERTIBLE TOP  
MOTOR

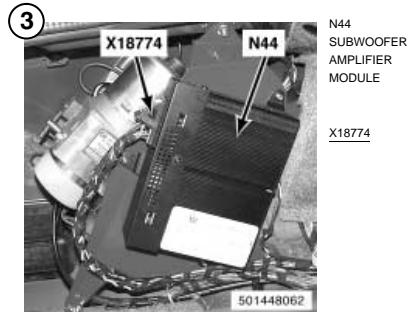
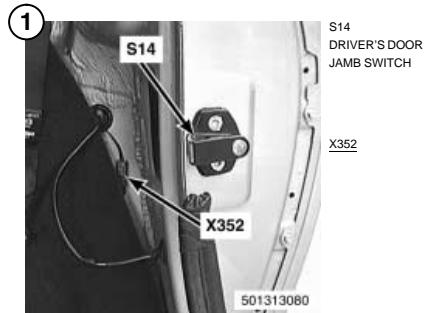
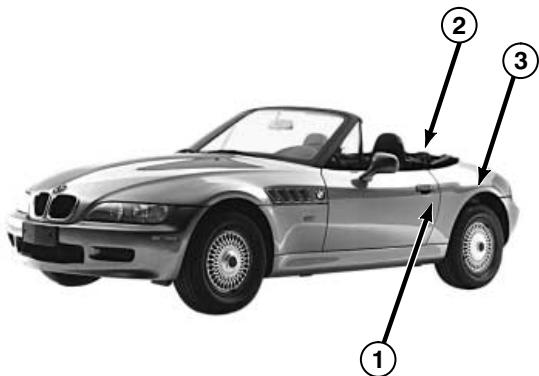
**COMPONENT LOCATION VIEWS**

## COMPONENT LOCATION VIEWS

06/00

7100.0-10

2001

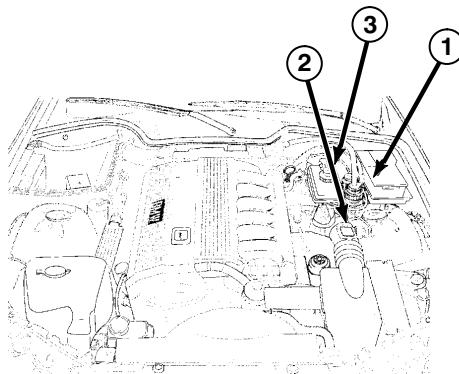


**COMPONENT LOCATION VIEWS**

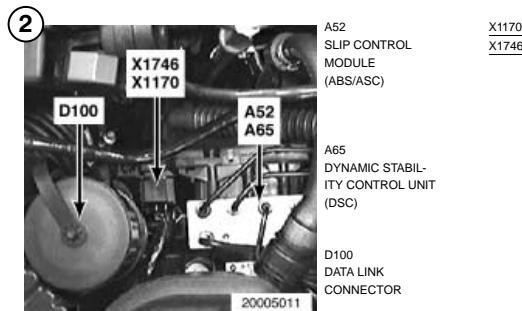
09/00

7100.0-11

2001



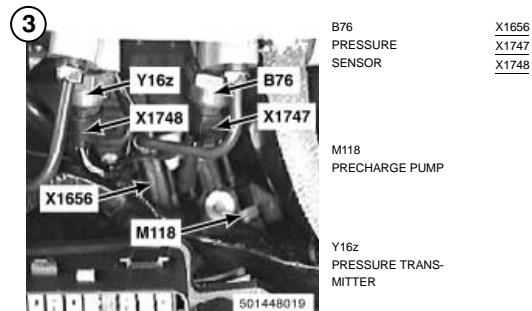
P900  
AUXILIARY FUSE  
BOX



A52  
SLIP CONTROL  
MODULE  
(ABS/ASC)  
X1170  
X1746

A65  
DYNAMIC STABIL-  
ITY CONTROL UNIT  
(DSC)

D100  
DATA LINK  
CONNECTOR



B76  
PRESSURE  
SENSOR  
X1656  
X1747  
X1748

M118  
PRECHARGE PUMP

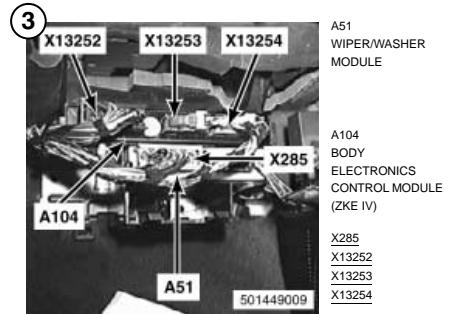
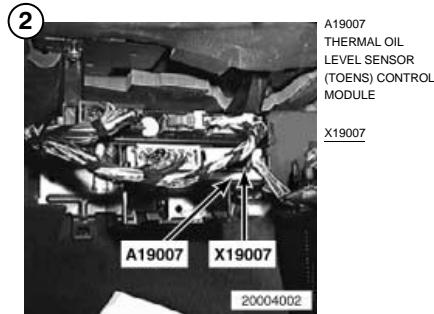
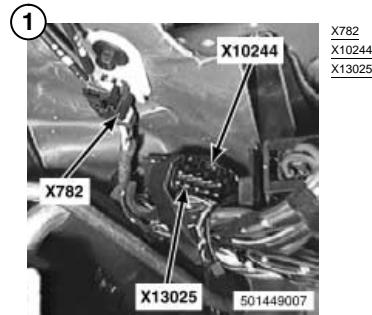
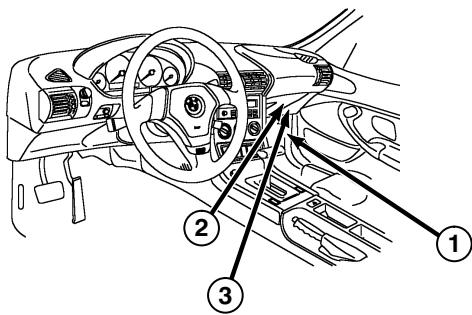
Y16z  
PRESSURE TRANS-  
MITTER

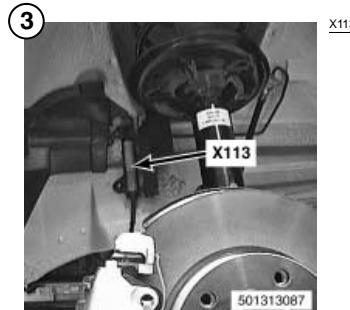
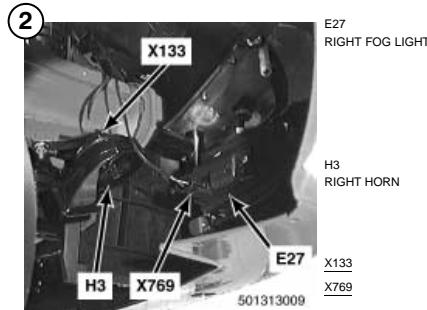
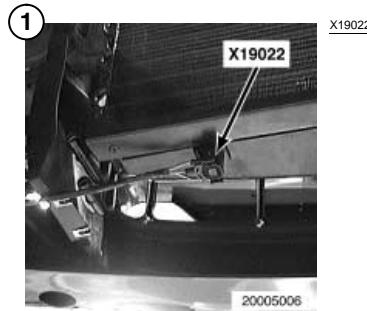
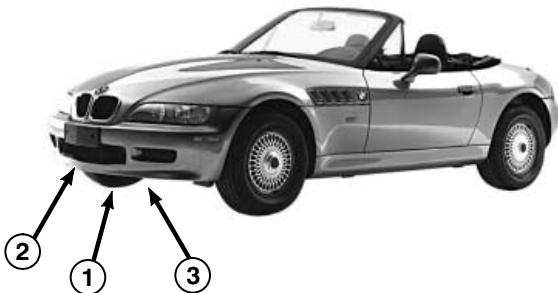
**COMPONENT LOCATION VIEWS**

06/00

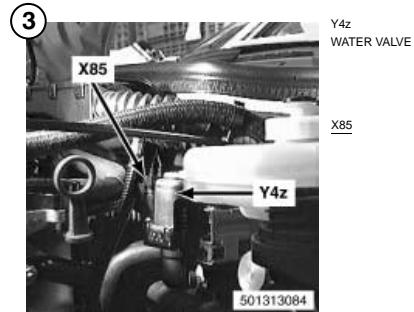
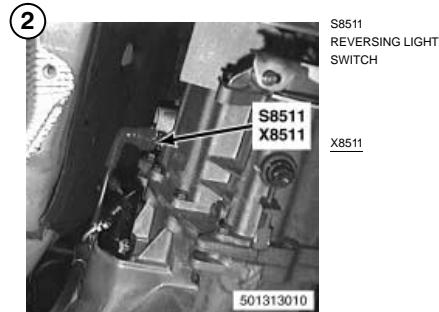
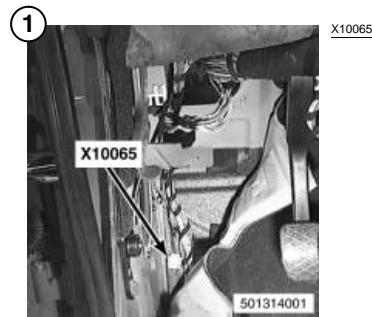
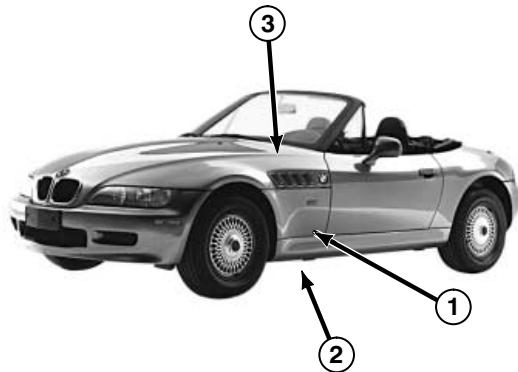
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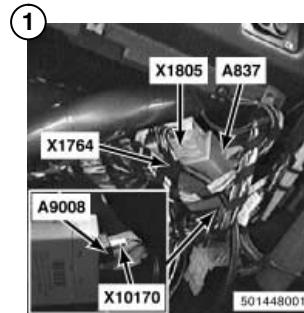
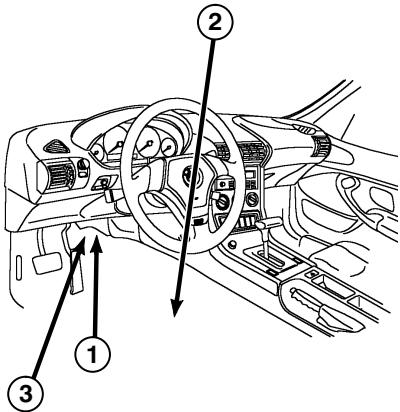
2001





## COMPONENT LOCATION VIEWS

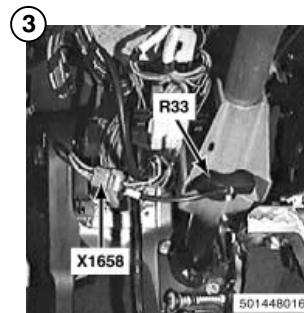
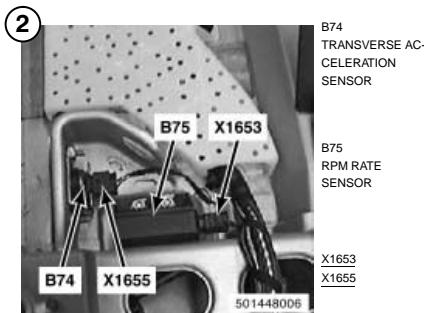


**COMPONENT LOCATION VIEWS**

A837  
ELECTRONIC  
IMMobilizer  
CONTROL MODULE  
(EWS III)

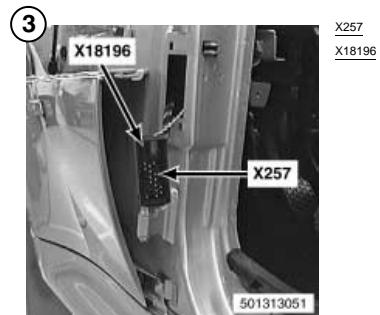
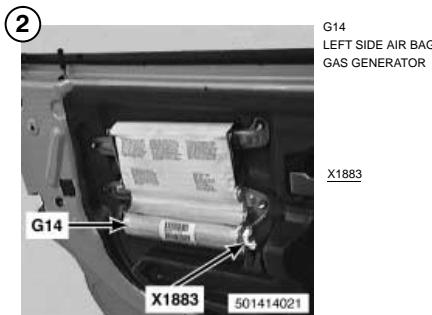
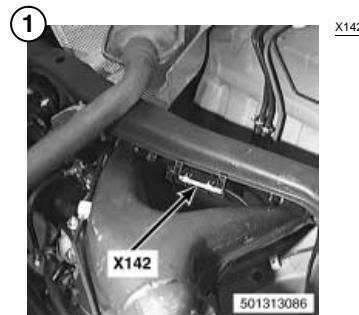
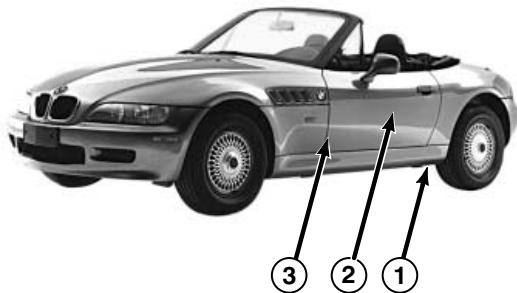
A9008  
CRUISE CONTROL  
INTERFACE

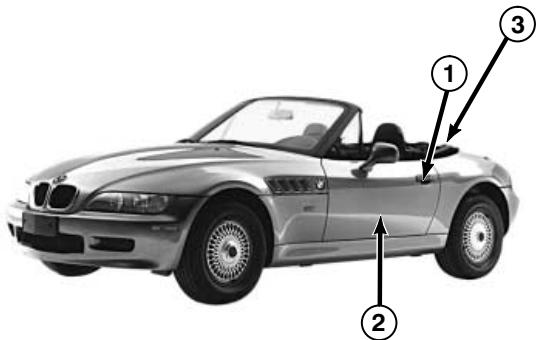
X1764  
X1805  
X10170



R33  
STEERING ANGLE  
SENSOR

X1658

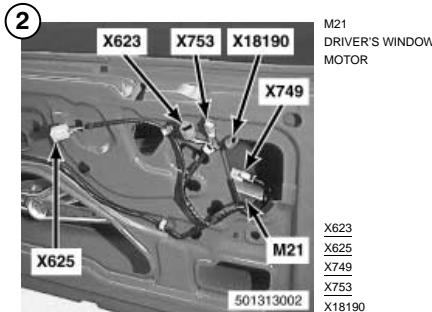




S47  
DRIVER'S DOOR  
LOCK SWITCH

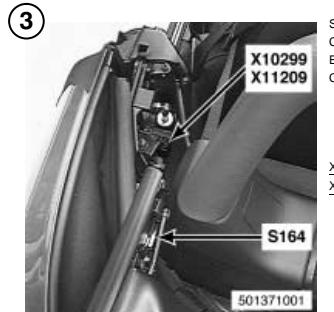
X747

501313005



M21  
DRIVER'S WINDOW  
MOTOR

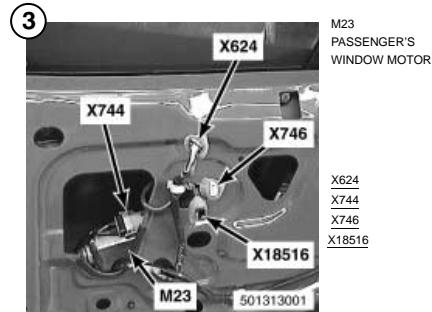
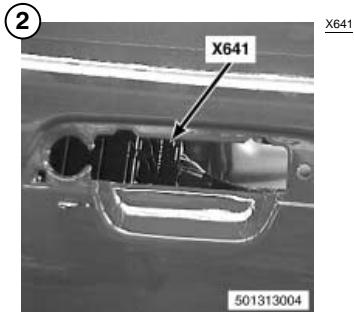
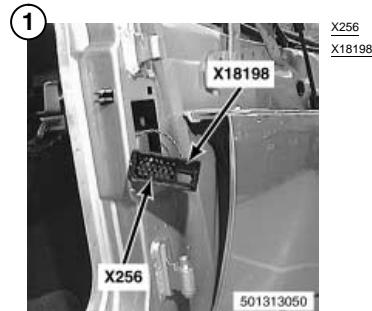
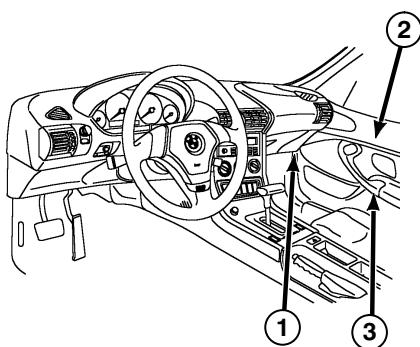
X623  
X625  
X749  
X753  
X18190



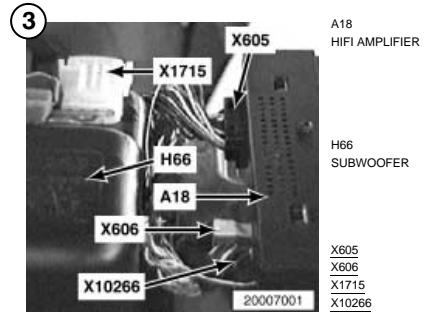
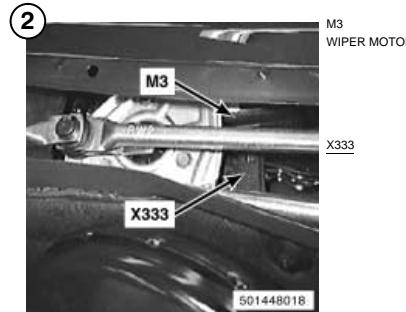
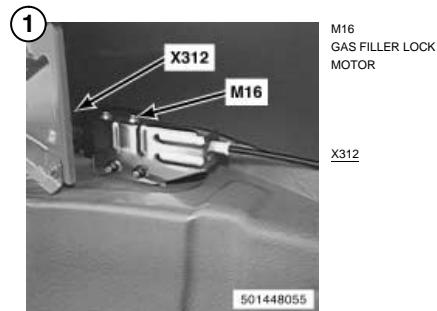
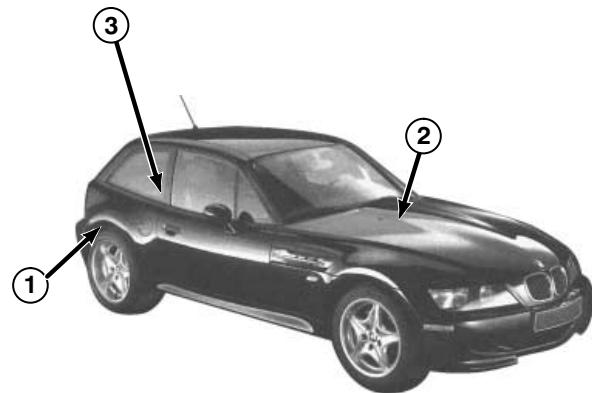
S164  
CONVERTIBLE TOP  
END-POSITION MI-  
CRO SWITCH

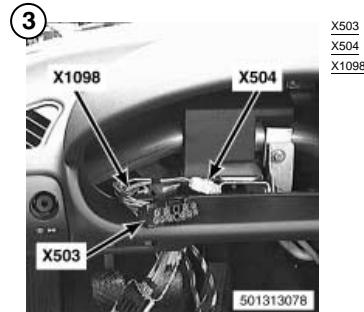
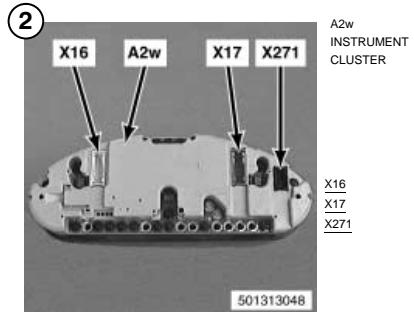
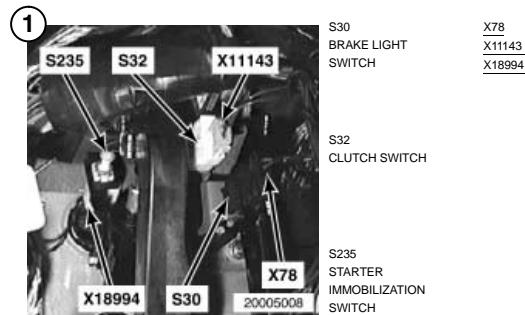
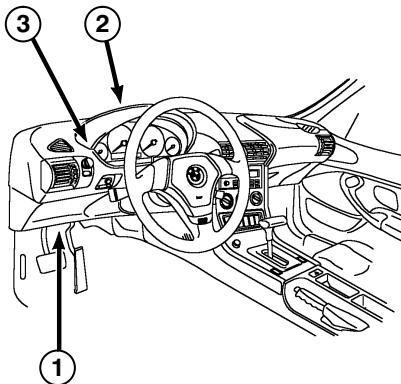
X10299  
X11209

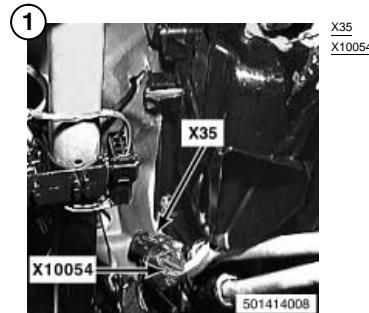
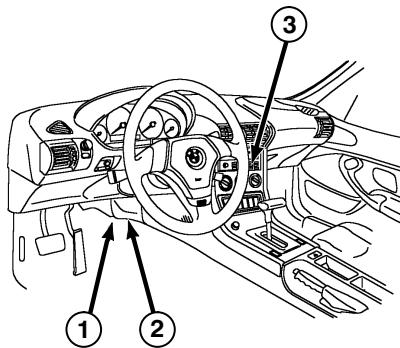
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**COMPONENT LOCATION VIEWS**

## COMPONENT LOCATION VIEWS



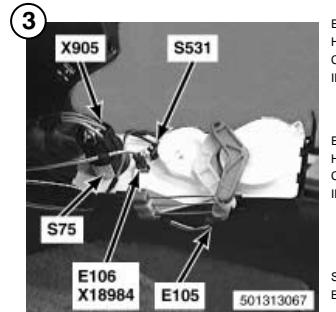
**COMPONENT LOCATION VIEWS**

**COMPONENT LOCATION VIEWS**

B14  
EVAPORATOR  
TEMPERATURE  
SENSOR  
X771  
X1517  
X18350

M11  
FRESH AIR  
RECIRCULATION  
MOTOR  
X771

B14  
EVAPORATOR  
CONTROLLER  
501313068



E105  
HEAT/A/C  
CONTROL PANEL  
ILLUMINATION  
X905  
X18984

E106  
HEAT/A/C  
CONTROL PANEL  
ILLUMINATION  
X18984

S75  
BLOWER SWITCH  
501313067

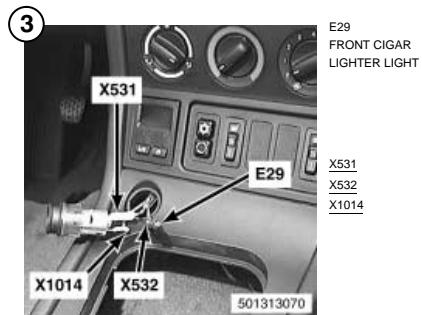
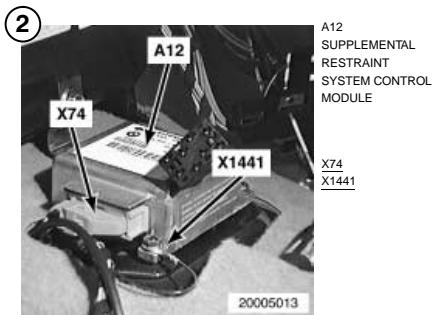
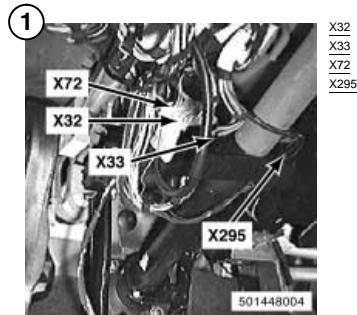
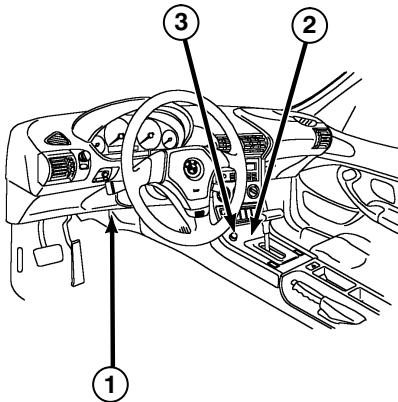
S531  
TEMPERATURE  
WHEEL SWITCH  
X905  
X18984

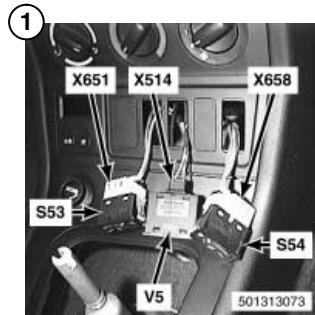
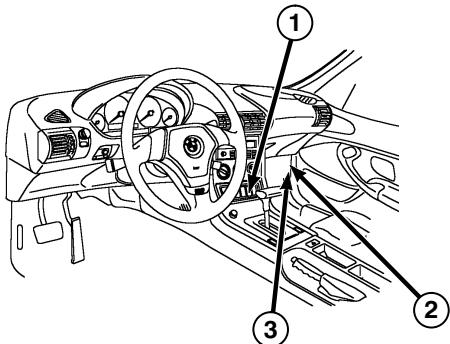
**COMPONENT LOCATION VIEWS**

06/00

7100.0-22

2001

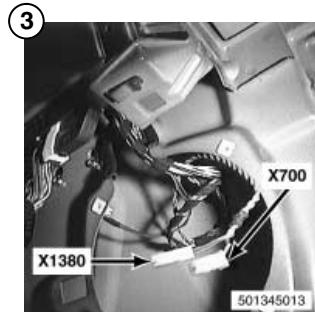


**COMPONENT LOCATION VIEWS**

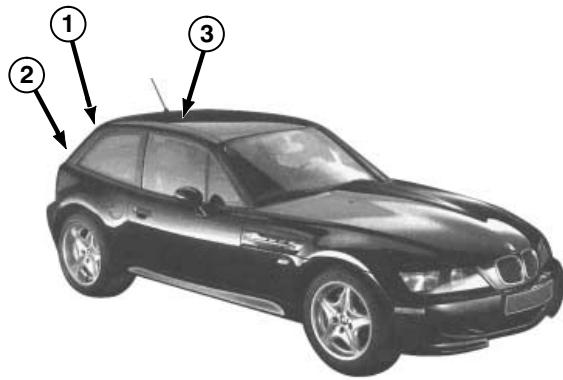
S53  
DRIVER'S SEAT,  
SEAT HEATER  
SWITCH  
X514  
X651  
X658

S54  
PASSENGER'S  
SEAT, SEAT  
HEATER SWITCH

V5  
DWA LED



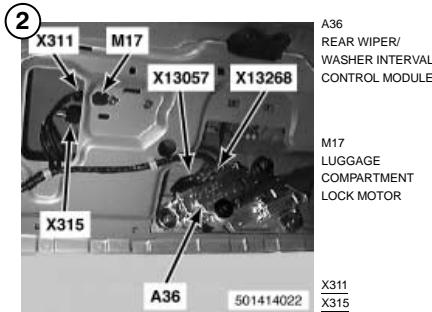
X700  
X1380

**COMPONENT LOCATION VIEWS**

M17  
LUGGAGE  
COMPARTMENT  
LOCK MOTOR

X10285

501448058



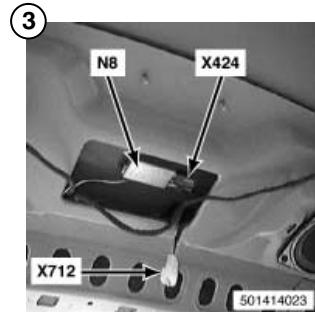
A36  
REAR WIPER/  
WASHER INTERVAL  
CONTROL MODULE

X13057  
X13268

M17  
LUGGAGE  
COMPARTMENT  
LOCK MOTOR

X311  
X315

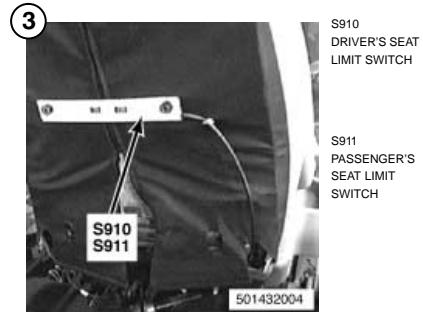
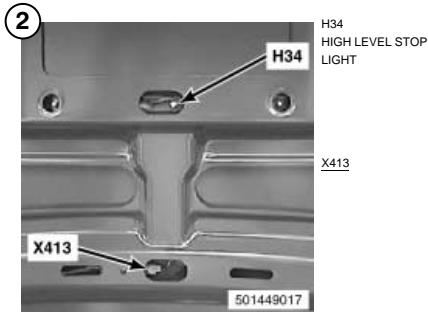
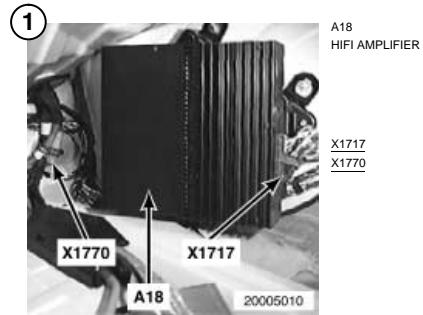
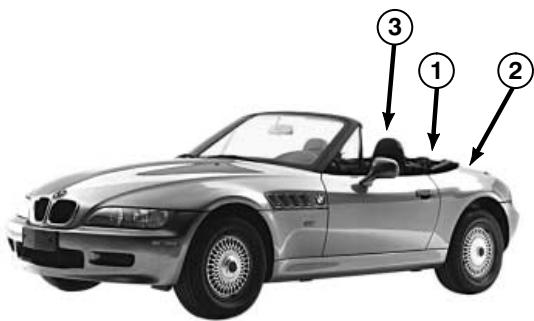
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N8  
ANTENNA  
AMPLIFIER AM/FM

X424  
X712

501414023

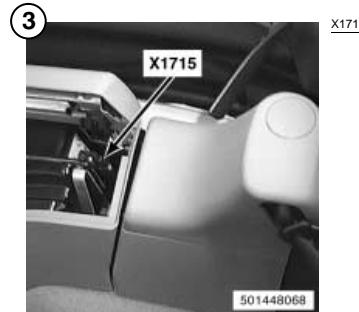
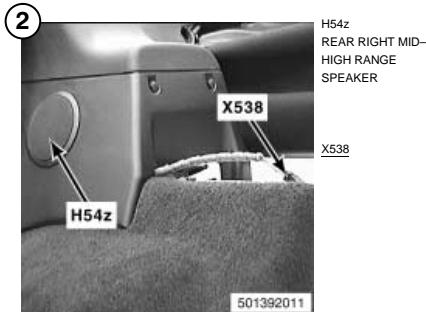
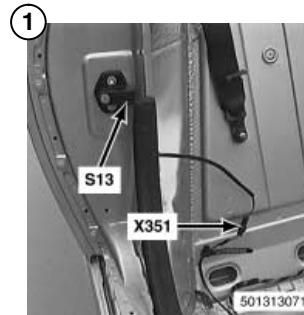
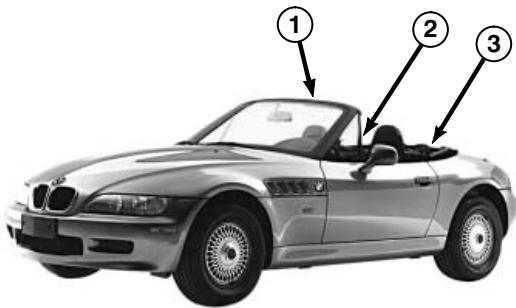
**COMPONENT LOCATION VIEWS**

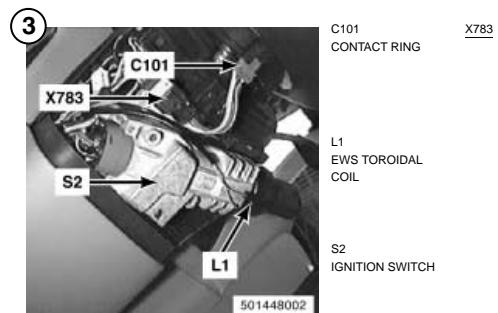
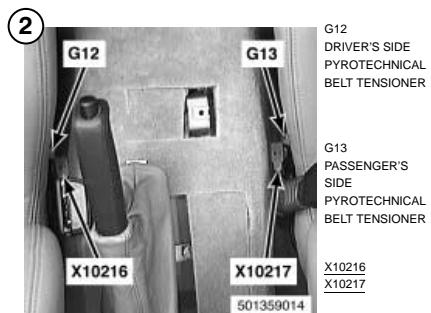
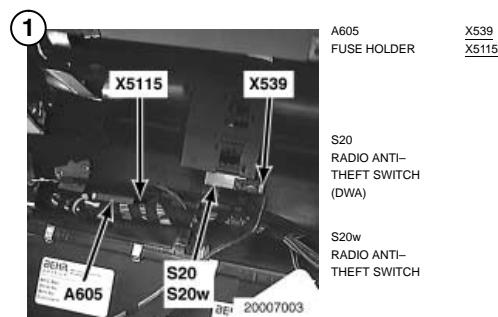
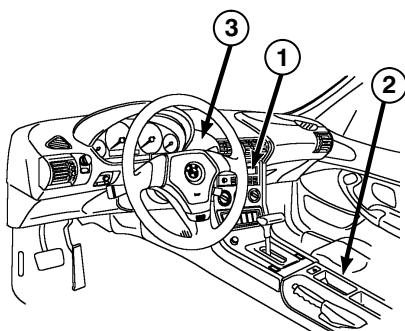
**COMPONENT LOCATION VIEWS**

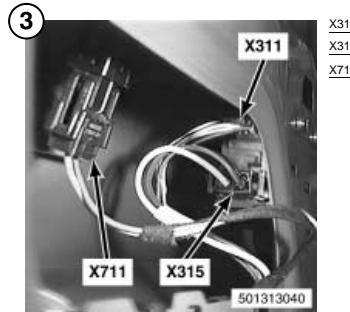
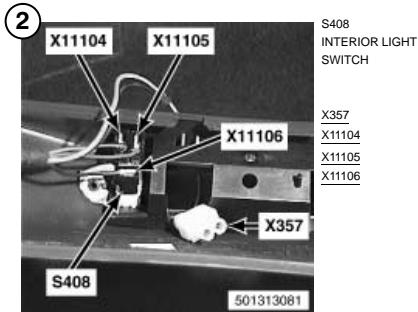
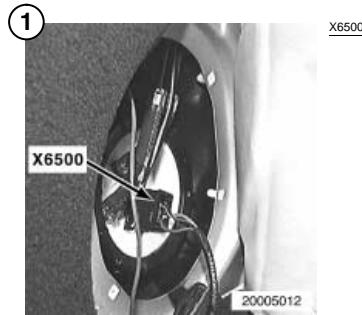
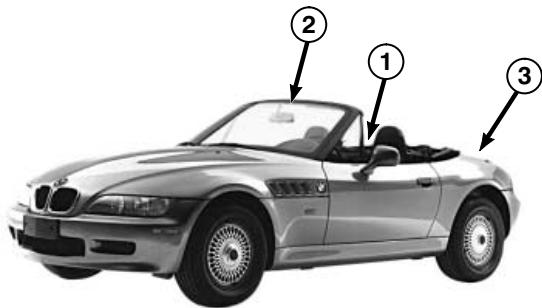
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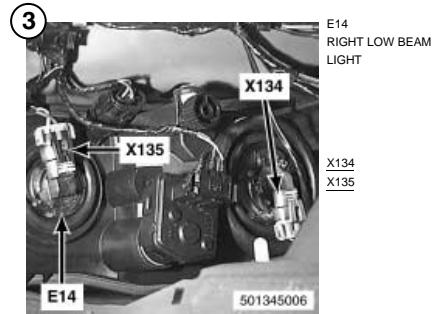
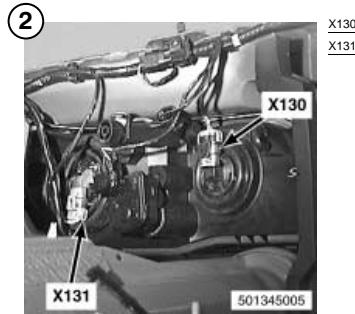
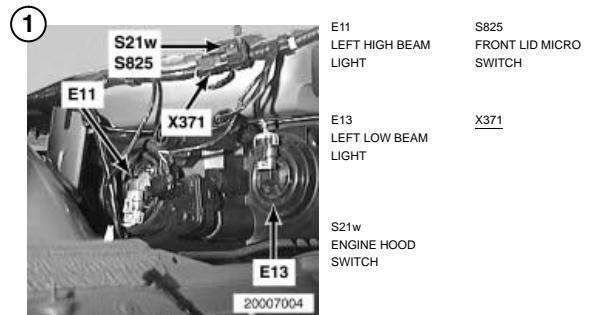
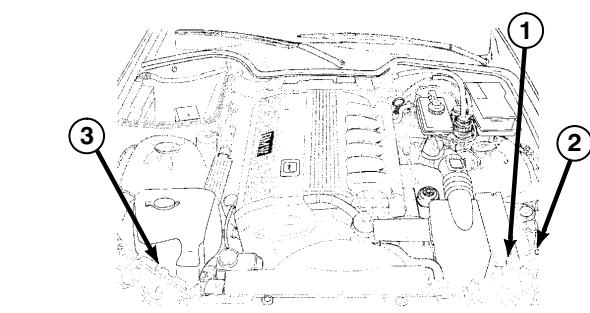
7100.0-26

2001



**COMPONENT LOCATION VIEWS**



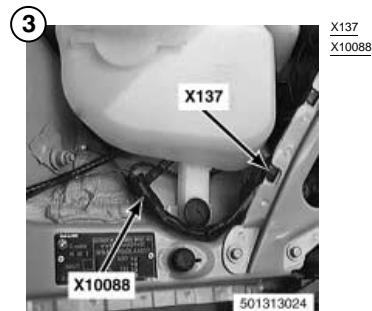
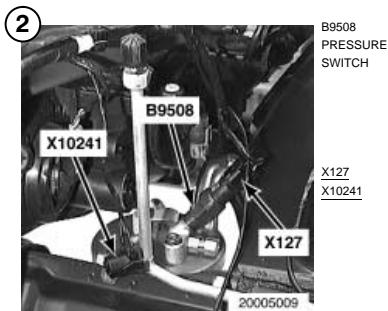
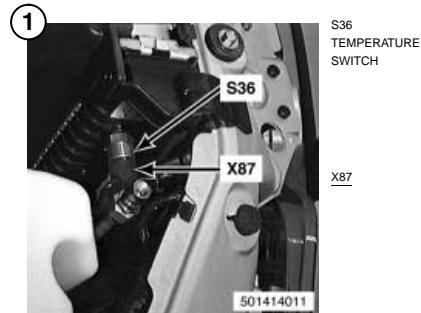
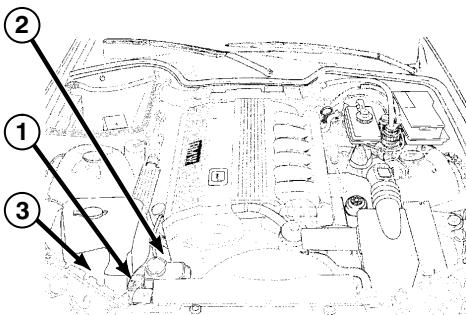
**COMPONENT LOCATION VIEWS**

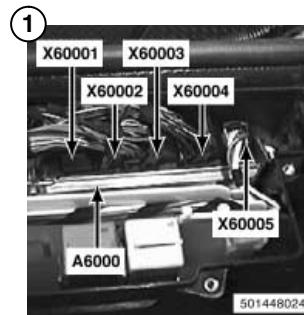
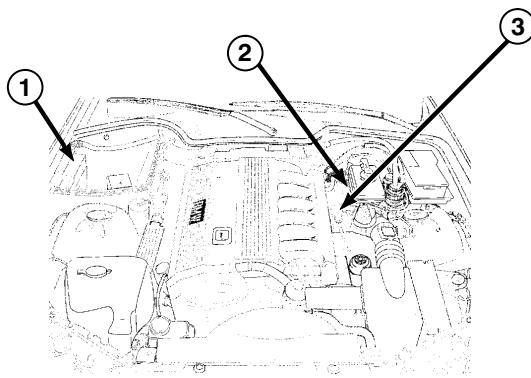
**COMPONENT LOCATION VIEWS**

06/00

7100.0-30

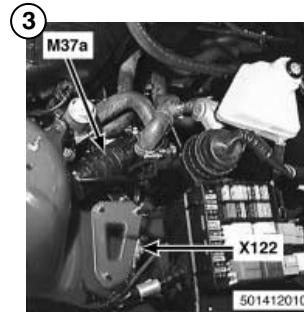
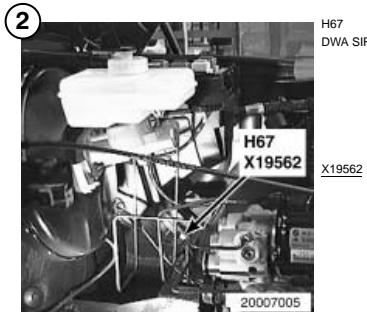
2001



**COMPONENT LOCATION VIEWS**

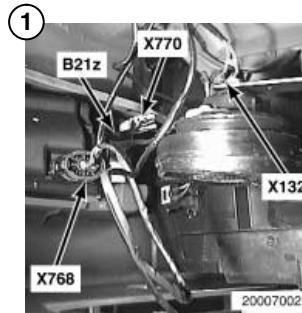
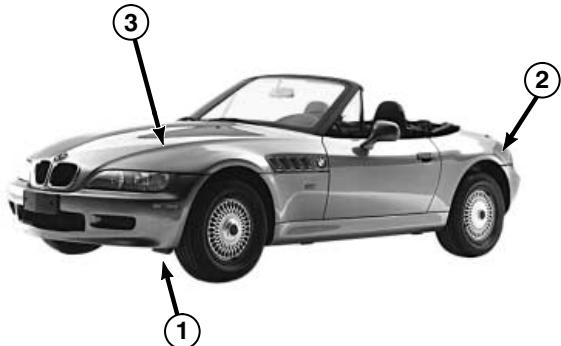
A6000  
ENGINE CONTROL  
MODULE (DME)

X6001  
X6002  
X6003  
X6004  
X6005

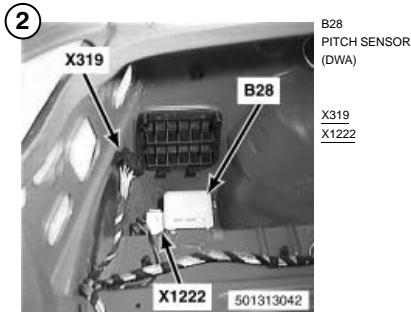


M37a  
AUXILIARY WATER  
PUMP

X122

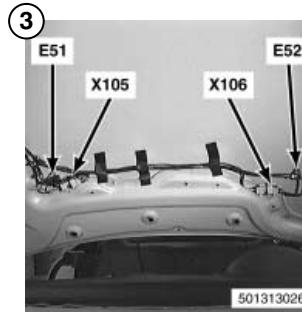
**COMPONENT LOCATION VIEWS**

B21z  
TEMPERATURE  
SENSOR  
  
X132  
X768  
X770



B28  
PITCH SENSOR  
(DWA)

X319  
X1222



E51  
LEFT WASHER JET  
HEATER  
  
E52  
RIGHT WASHER  
JET HEATER

X105  
X106



## 8000.0 SPLICE LOCATION VIEWS

Z3

01/01

8000.0-00

2001

SPLICE	HARNESS	PAGE NUMBER	SPLICE	HARNESS	PAGE NUMBER
X181-X185 .....	BODY .....	8000.0-03	X849-X851 .....	DRIVER'S DOOR .....	8000.0-04
X188 .....	BODY .....	8000.0-04	X876-X877 .....	RADIO/HIFI/CD .....	NOT SHOWN
X189 .....	IHKS .....	NOT SHOWN	X878-X888 .....	BODY .....	8000.0-03
X191-X197 .....	BODY .....	8000.0-04	X942 .....	PASSENGER'S DOOR .....	8000.0-04
X203 .....	BODY .....	8000.0-03	X985 .....	IHKS .....	NOT SHOWN
X213 .....	BODY .....	8000.0-04	X1015-X1019 .....	BODY .....	8000.0-03
X216-X223 .....	BODY .....	8000.0-03	X1022-X1027 .....	BODY .....	8000.0-03
X239 .....	BODY .....	8000.0-03	X1028-X1029 .....	BODY .....	8000.0-04
X245-X246 .....	BODY .....	8000.0-03	X1036-X1047 .....	BODY .....	8000.0-03
X276 .....	BODY .....	8000.0-03	X1066-X1076 .....	BODY .....	8000.0-03
X443 .....	BODY .....	8000.0-04	X1079 .....	BODY .....	8000.0-04
X445 .....	BODY .....	8000.0-03	X1100-X1123 .....	BODY .....	8000.0-03
X449 .....	BODY .....	8000.0-04	X1152-X1163 .....	BODY .....	8000.0-03
X450 .....	BODY .....	8000.0-03	X1168-X1169 .....	BODY .....	8000.0-03
X453-X465 .....	BODY .....	8000.0-04	X1182 .....	BODY .....	8000.0-04
X470 .....	BODY .....	8000.0-03	X1214-X1215 .....	BODY .....	8000.0-03
X530 .....	BODY .....	8000.0-03	X1225 .....	BODY .....	8000.0-04
X595 .....	BODY .....	8000.0-03	X1232 .....	BODY .....	8000.0-03
X697 .....	BODY .....	8000.0-03	X1234-X1235 .....	BODY .....	8000.0-04
X805 .....	BODY .....	8000.0-04	X1236 .....	BODY .....	8000.0-03
X806 .....	BODY .....	8000.0-03	X1258 .....	BODY .....	8000.0-03
X814-X818 .....	IHKS .....	NOT SHOWN	X1264 .....	BODY .....	8000.0-03
X824-X830 .....	RADIO/HIFI/CD .....	NOT SHOWN	X1280 .....	BODY .....	8000.0-03



## SPLICE LOCATION VIEWS

Z3

SPLICE	HARNESS	PAGE NUMBER	SPLICE	HARNESS	PAGE NUMBER
X1429–X1435 .....	IHK5 .....	NOT SHOWN	X10008–X10009 ...	BODY .....	8000.0-03
X1483 .....	BODY .....	8000.0-03	X10014–X10027 ...	BODY .....	8000.0-03
X1610 .....	BODY .....	8000.0-03	X10064 .....	BODY .....	8000.0-04
X1617–X1618 .....	BODY .....	8000.0-04	X10237 .....	BODY .....	8000.0-04
X1620 .....	BODY .....	8000.0-03	X10464 .....	RADIO/HIFI .....	NOT SHOWN
X1682 .....	BODY .....	8000.0-03	X10468–X10469 ...	BODY .....	8000.0-03
X1893–X1894 .....	BODY .....	8000.0-03	X11212 .....	BODY .....	8000.0-03
X3770 .....	BODY .....	8000.0-03	X11264 .....	BODY .....	8000.0-03
X5284–X5286 .....	S54 ENGINE .....	8000.0-06	X11291 .....	BODY .....	8000.0-04
X6458–X6460 .....	M54 ENGINE .....	8000.0-05	X11337–X11353 ...	BODY .....	8000.0-03
X6458–X6495 .....	S54 ENGINE .....	8000.0-06	X11355 .....	BODY .....	8000.0-04
X6830–X6831 .....	M54 ENGINE .....	8000.0-05	X11357 .....	BODY .....	8000.0-03
X6810–X6833 .....	S54 ENGINE .....	8000.0-06	X13007 .....	BODY .....	8000.0-03
X6900 .....	M54 ENGINE .....	8000.0-05	X13011–X13047 ...	BODY .....	8000.0-04
X6900–X6970 .....	S54 ENGINE .....	8000.0-06	X13281 .....	BODY .....	8000.0-03
X6949 .....	BODY .....	8000.0-03	X18178 .....	DRIVER'S SEAT .....	NOT SHOWN
X6960–X6970 .....	M54 ENGINE .....	8000.0-05	X18179 .....	PASSENGER'S SEAT .....	NOT SHOWN
X9367 .....	DRIVER'S SEAT .....	NOT SHOWN	X18510 .....	BODY .....	8000.0-03
X9368 .....	PASSENGER'S SEAT .....	NOT SHOWN	X18835–X18836 ...	BODY .....	8000.0-03
X9454 .....	BODY .....	8000.0-03	X19010–X19027 ...	BODY .....	8000.0-03
X9806 .....	AUXILIARY INSTRUMENTS ..	NOT SHOWN	X19513 .....	RADIO/HIFI/CD .....	NOT SHOWN
X9992–X9993 .....	DRIVER'S SEAT .....	NOT SHOWN	X64109 .....	BODY .....	8000.0-03
X9996–X9997 .....	PASSENGER'S SEAT .....	NOT SHOWN	X64119 .....	BODY .....	8000.0-03



## SPLICE LOCATION VIEWS

SPLICE	HARNESS	PAGE NUMBER
X64129 .....	BODY .....	8000.0-03
X64591 .....	BODY .....	8000.0-03
X64619 .....	S54 ENGINE .....	8000.0-06
X68309 .....	IHKS .....	NOT SHOWN
X91091 .....	AUXILIARY INSTRUMENTS ..	NOT SHOWN

01/01

8000.0-02

2001

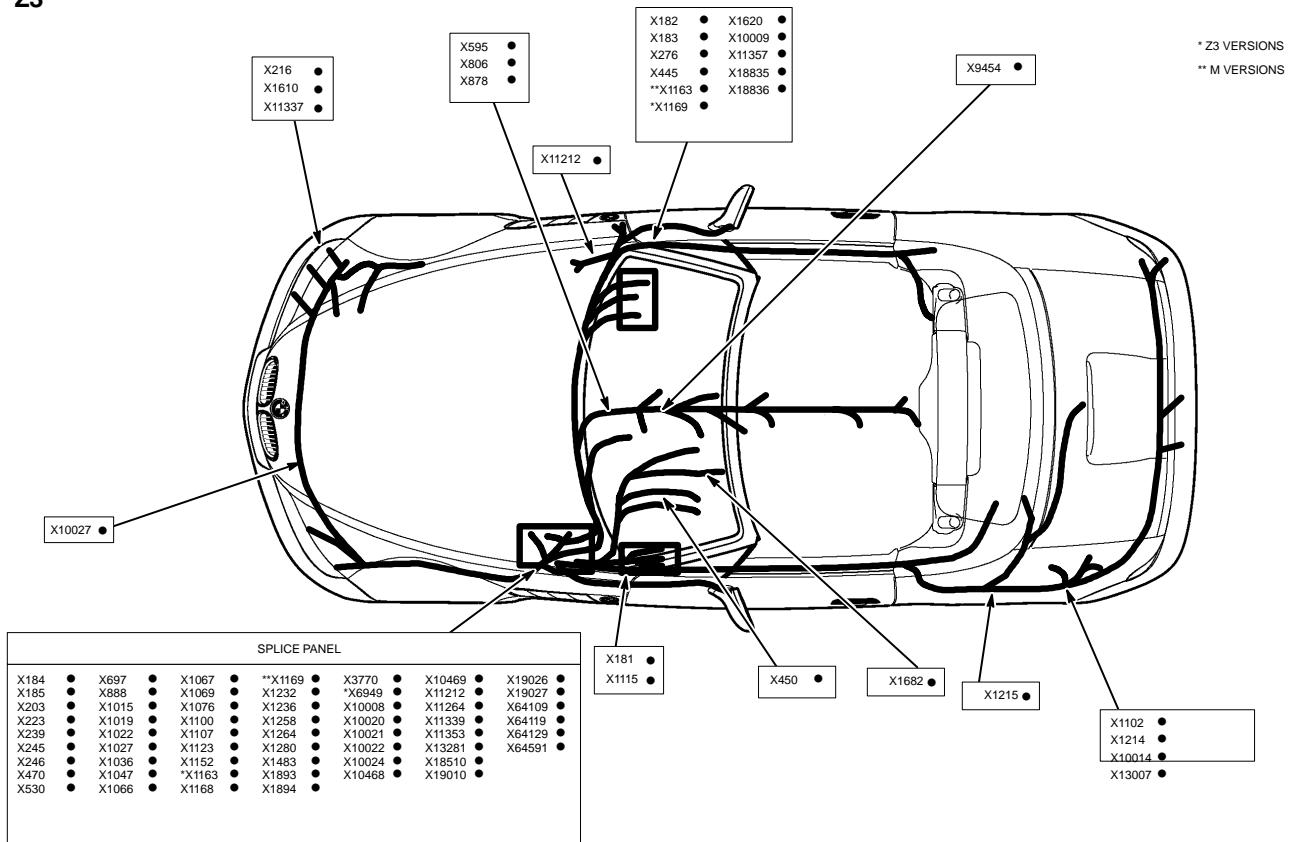
## SPLICE LOCATION VIEWS

### BODY HARNESS

01/01

8000.0-03

2001

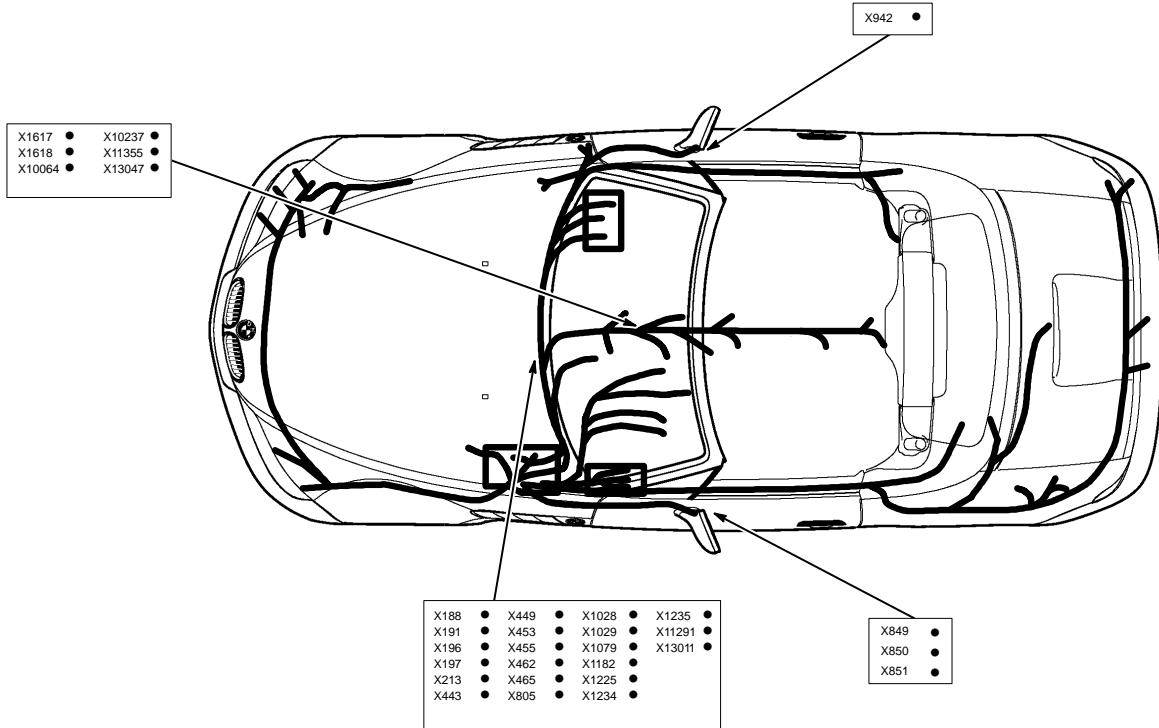


**BMW**  
**3**  
**Z3** **SPLICE LOCATION VIEWS**  
**BODY HARNESS**

01/01

8000.0-04

2001



**BMW**  
**3**  
**Z3**

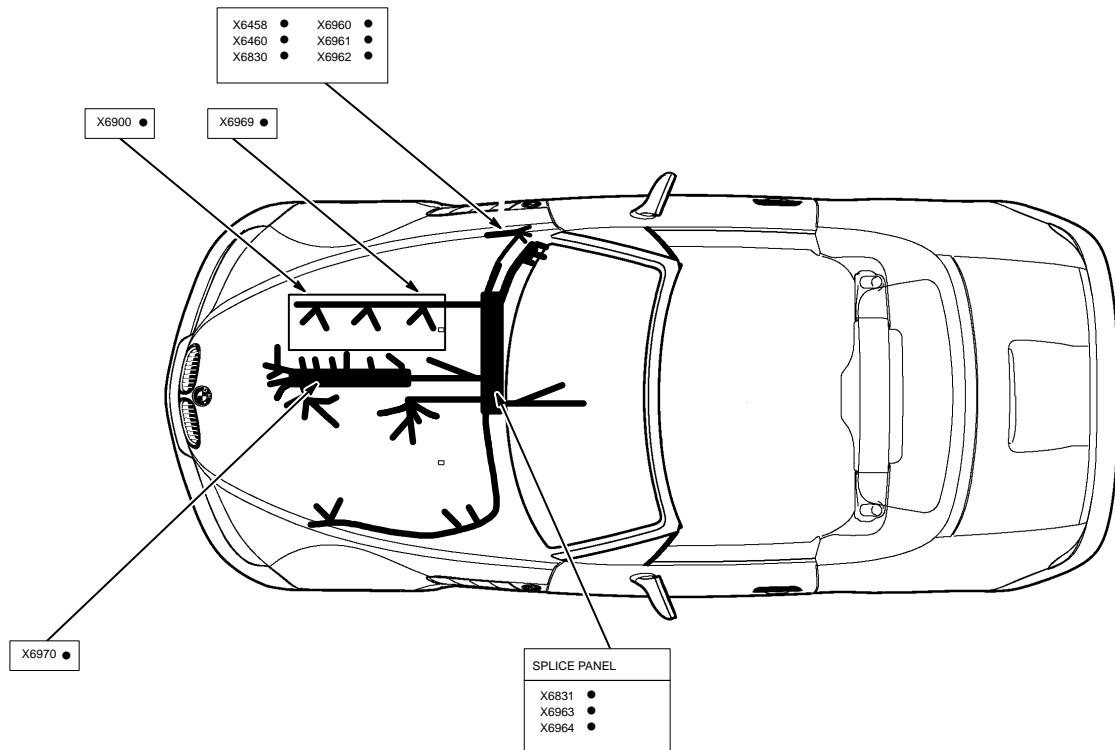
## SPLICE LOCATION VIEWS

### ENGINE HARNESS M54

01/01

8000.0-05

2001



**BMW**  
**3**  
**Z3**

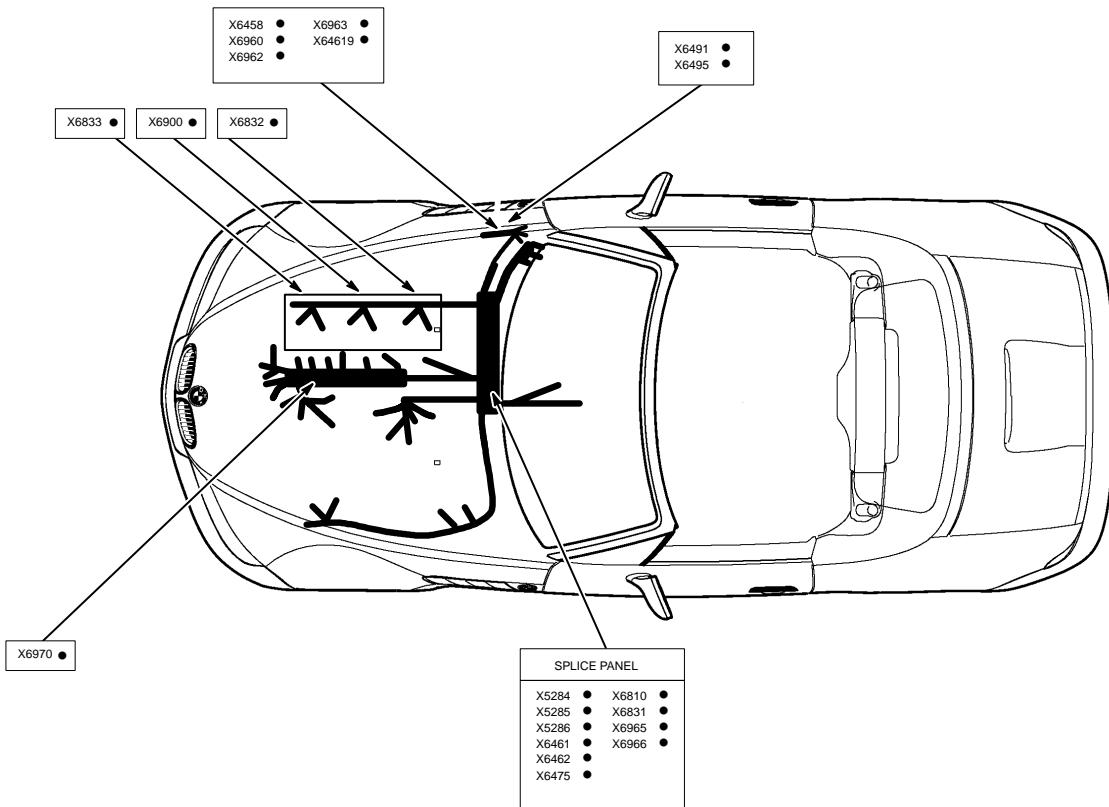
## SPLICE LOCATION VIEWS

### ENGINE HARNESS S54

01/01

80000.0-06

2001





## 8500.0 CONNECTOR VIEWS

06/00

8500.0-00

2001

Z3

FIG. 1

B030050.00

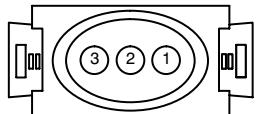


FIG. 2

B260005.00

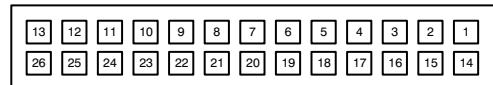


FIG. 3

B060048.00

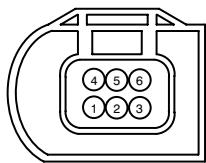
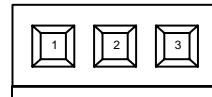


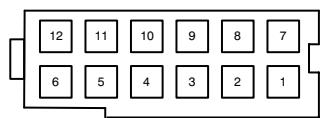
FIG. 4

B030024

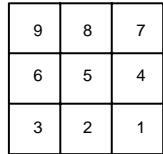


**CONNECTOR VIEWS****FIG. 1**

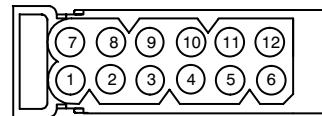
B120001.01

**FIG. 2**

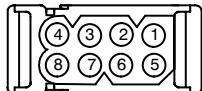
B090008.00

**FIG. 3**

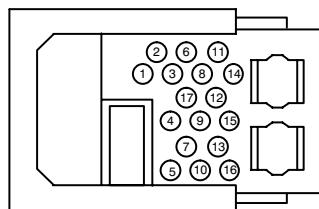
B120002.02

**FIG. 4**

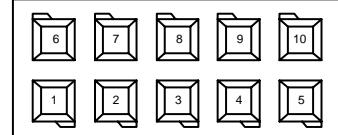
B080002.00

**FIG. 5**

B170001.00

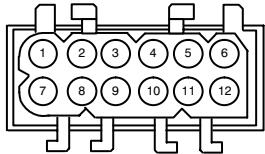
**FIG. 6**

B100008.00

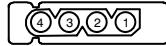


**CONNECTOR VIEWS****FIG. 1**

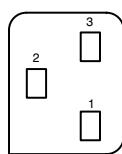
B120004.01

**FIG. 4**

B040004.00

**FIG. 2**

B030004.01

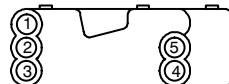
**FIG. 5**

B520001.00

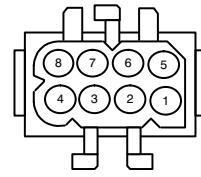
52	51	50	49	48	47	46	45	44	43	42	41	40
39	38	37	36	35	34	33	32	31	30	29	28	27
26	25	24	23	22	21	20	19	18	17	16	15	14
13	12	11	10	9	8	7	6	5	4	3	2	1

**FIG. 3**

B050003.00

**FIG. 6**

B080001.00



## CONNECTOR VIEWS

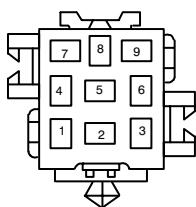
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2001

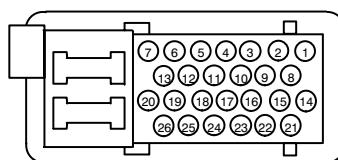
**FIG. 1**

B090002.00



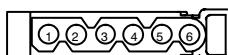
**FIG. 2**

B260002.01



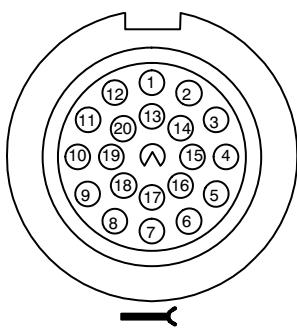
**FIG. 3**

B060001.02



**FIG. 4**

B200003.00



**FIG. 5**

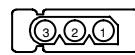
B240002.00

24	23	22	21	20	19
18	17	16	15	14	13
12	11	10	9	8	7
6	5	4	3	2	1



**FIG. 6**

B030003.00





## CONNECTOR VIEWS

06/00

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2001

FIG. 1

B060019.03

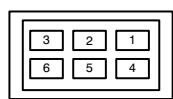


FIG. 2

B060036.00

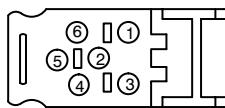


FIG. 3

B150002.00

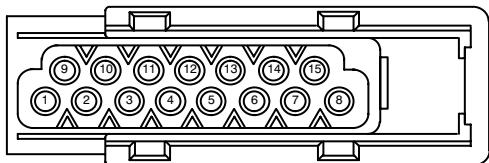
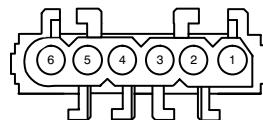


FIG. 4

B060038.00



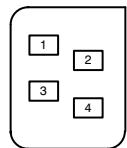


## CONNECTOR VIEWS

Z3

**FIG. 1**

B040027.00



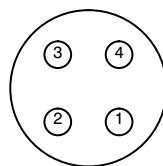
**FIG. 2**

B030006.00



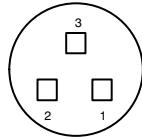
**FIG. 3**

B0400028.00



**FIG. 4**

B0300044.00



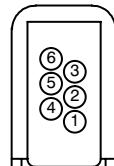
**FIG. 5**

B030049.00



**FIG. 6**

B060041.00



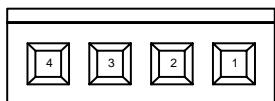
06/00

8500.0-05

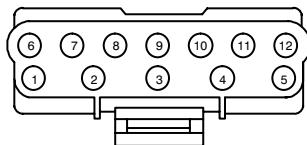
2001

**CONNECTOR VIEWS****FIG. 1**

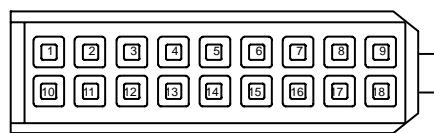
B040026

**FIG. 2**

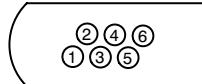
B120006.00

**FIG. 3**

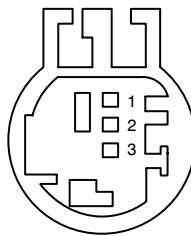
B180000.00

**FIG. 4**

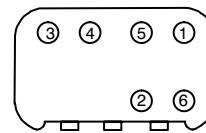
B060037.00

**FIG. 5**

B030042.00

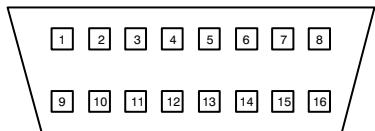
**FIG. 6**

B060013.00

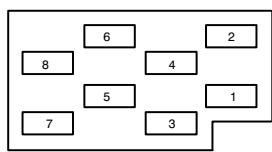


**CONNECTOR VIEWS****FIG. 1**

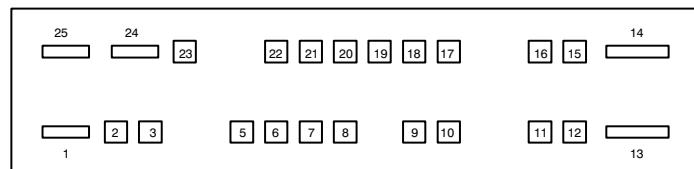
B160002.00

**FIG. 3**

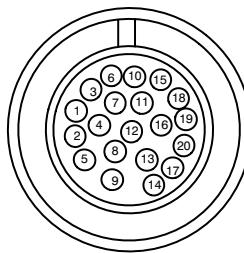
B080013.00

**FIG. 2**

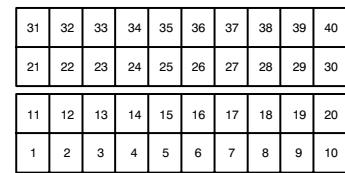
B250005.00

**FIG. 4**

B200008.00

**FIG. 5**

B400000.00



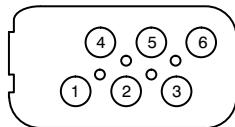


## CONNECTOR VIEWS

Z3

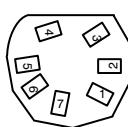
**FIG. 1**

B060043.00



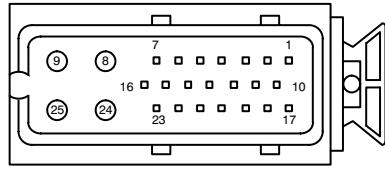
**FIG. 2**

B070012.00



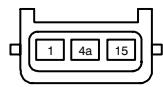
**FIG. 3**

B250004.00



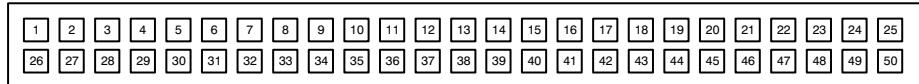
**FIG. 4**

B030015.08



**FIG. 5**

B500000.00



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8500.0-08

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## CONNECTOR VIEWS

Z3

FIG. 1

B030048a

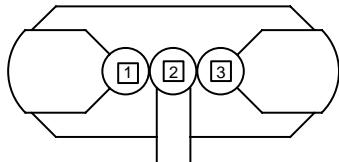


FIG. 2

B030018.02

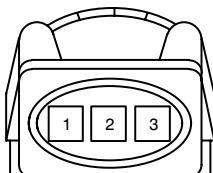


FIG. 3

B030036.01

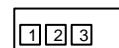


FIG. 4

B030022.00

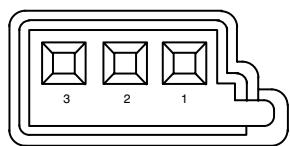
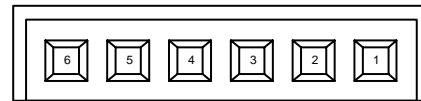


FIG. 5

B060042



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8500.0-09

2001



## CONNECTOR VIEWS

Z3

FIG. 1

B040023.01

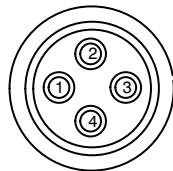


FIG. 2

B060049.00

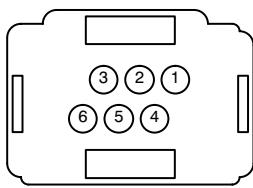


FIG. 3

B030052.00

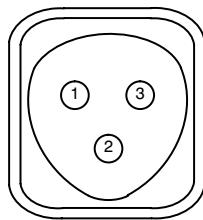


FIG. 4

B050015.00

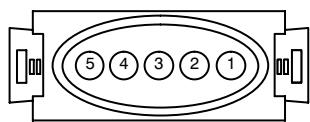


FIG. 5

B030023.00

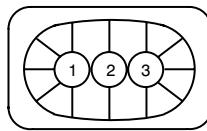
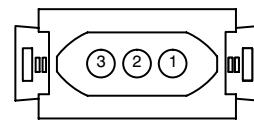


FIG. 6

B030051.00



01/01

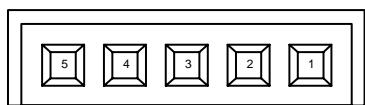
8500.0-10

2001

## CONNECTOR VIEWS

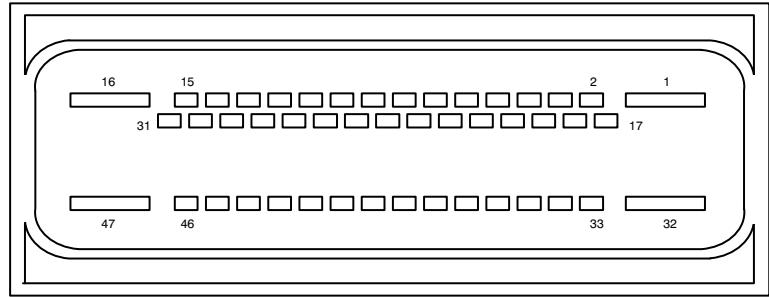
**FIG. 1**

B050016.00



**FIG. 2**

B470000.00



**FIG. 3**

B040032.00

