

## HARNESS-ENGINE

WIRE COLOR LEGEND

BG BEIGE (TAN)

BK BLACK

BU LIGHT BLUE

DB DARK BLUE

BN BROWN

GY GRAY

GN LIGHT GREEN

DG DARK GREEN

OG ORANGE

PK PINK

RD RED

VT VIOLET (PURPLE)

WH WHITE

YE YELLOW

CL CLEAR

TWO WIRE COLORS ARE SHOWN
WITH MAIN/TRACE COLORS.

EXAMPLE:RD/YE = RED WITH
YELLOW TRACE.

CCT#	TYPE	GAUGE	COLOR	FROM COMPONENT	FROM POR		TO PORT	
CPS -1	TXL	0.5	WH	CPS	3	SPLICE,CPS	2	CPS
ECM-A11 ECM-A16	TXL TXL	0.5	_	ECM CODE 4 CHASSIS HARNESS	A11 30	CHASSIS HARNESS ECM CODE 4	24 A16	BRAKE LIGHT SIG TBD
ECM-A32	TXL	0.5		CHASSIS HARNESS	14	ECM CODE 4	A32	SENSOR GND,DRIVE MODE
CM-A44	TXL	0.5		TRANS GEAR POSITION	Α	ECM CODE 4	A44	TRANS GEAR POS RTN
ECM-A52 ECM-B04	TXL TXL	0.5		CHASSIS HARNESS CHASSIS HARNESS	26	ECM CODE 4 ECM CODE 13	A52 B4	FUEL PUMP RETURN TBD
ECM-B04	TXL	0.5		TRANS GEAR POSITION	В	ECM CODE 13	B46	TRANS GEAR POS IND
ECM-B47	TXL	0.5		ECM CODE 13	B47	CHASSIS HARNESS	13	DRIVE MODE SELECT
RE012-1 ECM-A02	TXL TXL	1.0 0.5		SPLICE,START SOLENOID TMAP INTAKE	3	CHASSIS HARNESS ECM CODE 4	45 A2	START RELAY-SOURCE 5V SENSOR SUPPLY, TMAP
ECM-A02	TXL	0.5		KNOCK SENSOR	1	ECM CODE 4	A2 A9	KNOCK SENSOR FEED
CM-A10	TXL	0.5		KNOCK SENSOR	2	ECM CODE 4	A10	KNOCK SENSOR RETURN
CM-A15	TXL	0.5		CHASSIS HARNESS	23	ECM CODE 4	A15	KEYSWITCH START REQUEST
ECM-A18 ECM-A41	TXL TXL	0.5	_	CAM PHASER CHASSIS HARNESS	19	ECM CODE 4 ECM CODE 4	A18 A41	CAM PHASER OUTPUT START RELAY COIL HI
ECM-A43	TXL	0.5		COOLANT TEMP	1	ECM CODE 4	A43	COOLANT TEMP RETURN
ECM-A50	TXL	0.8		INJECTOR 4	1	ECM CODE 4	A50	FUEL INJ 4 CTRL
ECM-A51	TXL	0.8		INJECTOR 2	1	ECM CODE 4 ECM CODE 4	A51	FUEL INJ 2 CTRL
ECM-A54 ECM-B01	TXL TXL	0.8		SPLICE, ECM GROUND O2 SENSOR	2 D	ECM CODE 4  ECM CODE 13	A54 B1	GROUND, ECM O2 SENSOR HEATER CONTROL
CM-B03	TXL	0.5		CHASSIS HARNESS	48	ECM CODE 13	В3	AWD COIL LO
ECM-B05	TXL	0.5		SPEED SENSOR	C	ECM CODE 13	B5	VSS SIGNAL
ECM-B06 ECM-B07	TXL TXL	0.5		CHASSIS HARNESS CHASSIS HARNESS	12 18	ECM CODE 13 ECM CODE 13	B6 B7	SEATBELT SIGNAL LIGHTS RELAY COIL LO
CM-B07	TXL	0.5		CHASSIS HARNESS	22	ECM CODE 13	B9	KEY ON POSITION
CM-B10	TXL	0.5	GY/RD	ECM CODE 13	B10	THROTTLE BODY	2	5V SENSOR SUPPLY, TPS
CM-B12	TXL	0.5		THROTTLE BODY	6	ECM CODE 13	B12	THROTTLE BODY M1 POS
CM-B15 CM-B16	TXL TXL	0.5		TMAP INTAKE TMAP INTAKE	4	ECM CODE 13 ECM CODE 13	B15 B16	TMAP TEMP SIGNAL TMAP PRESSURE SIGNAL
CM-B17	TXL	0.5		CHASSIS HARNESS	10	ECM CODE 13	B17	AWD SWITCH REQUEST
CM-B19	TXL	0.5	BG/BK	CHASSIS HARNESS	11	ECM CODE 13	B19	ENGINE FAN PWM CONTROL
CM-B20	TXL	0.5		CHASSIS HARNESS	16	ECM CODE 13	B20	FUEL RELAY COIL LO
CM-B21 CM-B22	TXL TXL	0.5 0.5		CHASSIS HARNESS CHASSIS HARNESS	3	ECM CODE 13 ECM CODE 13	B21 B22	START RELAY COIL LO PEDAL POSITION 1 REF
CM-B23	TXL	0.5		CHASSIS HARNESS	4	ECM CODE 13	B23	PEDAL POSITION 1 REF
CM-B24	TXL	0.5	YE/PK	THROTTLE BODY	5	ECM CODE 13	B24	THROTTLE BODY M2 NEG
CM B26	TXL	0.5		O2 SENSOR	A 4	ECM CODE 13	B25	GROUND, O2 SENSOR
CM-B26 CM-B27	TXL TXL	0.5		THROTTLE BODY CHASSIS HARNESS	8	ECM CODE 13 ECM CODE 13	B26 B27	THROTTLE BODY RTN PEDAL POSITION 2 RETURN
CM-B28	TXL	0.5	RD/DB	O2 SENSOR	В	ECM CODE 13	B28	O2 SENSOR LSF1
CM-B31	TXL	0.5		CHASSIS HARNESS	15	ECM CODE 13	B31	BRAKE SIGNAL-ACTIVE LO
CM-B32 CM-B33	TXL TXL	0.5		CHASSIS HARNESS COOLANT TEMP	6 2	ECM CODE 13 ECM CODE 13	B32	PEDAL POSITION 2 SIGNAL COOLANT TEMP SIGNAL
CM-B34	TXL	0.5		CHASSIS HARNESS	17	ECM CODE 13	B33 B34	EFI RELAY COIL LO
CM-B35	TXL	0.5		CHASSIS HARNESS	5	ECM CODE 13	B35	PEDAL POSITION 1 SIGNAL
CM-B36	TXL	0.5		CHASSIS HARNESS	9	ECM CODE 13	B36	FUEL SENSOR FEEDBACK
CM-B37 CM-B38	TXL TXL	0.5		TMAP INTAKE CHASSIS HARNESS	7	ECM CODE 13 ECM CODE 13	B37	TMAP SENSOR RETURN
CM-B40	TXL	0.5		PURGE	2	ECM CODE 13	B38 B40	PEDAL POSITION 1 RETURN PURGE VALVE FEED
CM-B41	TFE	0.5		INJECTOR 3	1	ECM CODE 13	B41	FUEL INJ 3 CTRL
CM-B42	TFE	0.5		INJECTOR 1	1	ECM CODE 13	B42	FUEL INJ 1 CTRL
CM-B45 CM-B48	TXL TXL	0.5		THROTTLE BODY THROTTLE BODY	3	ECM CODE 13 ECM CODE 13	B45 B48	THROTTLE POSITION 2 THROTTLE POSITION 1
CM-B49	TXL	1.0	_	SPLICE, EFI RELAY REAR	1	ECM CODE 13	B49	FUSED, EFI RELAY
CM-B50	TXL	1.0		SPLICE, EFI RELAY REAR	1	ECM CODE 13	B50	FUSED, EFI RELAY
CM-B51	TXL	1.0		SPLICE, ECM GROUND	2	ECM CODE 13	B51	GROUND, ECM
FU011	TXL TXL	1.0 0.8	_	SPLICE, ECM GROUND CHASSIS HARNESS	43	ECM CODE 13 SPLICE, COIL 1&4	B52	GROUND, ECM COIL 1&4 FUSE
FU012	TXL	0.8		CHASSIS HARNESS	44	SPLICE, COIL 2&3	1	COIL 2&3 FUSE
GR1	TXL	1.0		CHASSIS HARNESS	40	SPLICE, SENSOR GROUND	1	GROUND
GR1-1	TXL	0.5		SPLICE, SENSOR GROUND	2	CAM PHASER	3	GROUND, CAM PHASE
GR1-2 GR2	TXL TXL	0.5 2.0		SPLICE, SENSOR GROUND CHASSIS HARNESS	52	SPEED SENSOR SPLICE, COIL GND	1 B	GROUND, VSS GROUND
GR3	TXL	2.0	BN	CHASSIS HARNESS	51	SPLICE, ECM GROUND	1	GROUND,ECM
GR4	TXL	1.0	_	SPLICE, ECM GROUND	2	SPLICE, SHIELD	1	GROUND
RE01-7	TXL	2.0		CHASSIS HARNESS CHASSIS HARNESS	41	SPLICE, EFI RELAY REAR	1 1	FUSED, EFI RELAY
RE04-1 RE012	TXL TXL	2.0		SPLICE,START SOLENOID	42	SPLICE, CHASSIS RELAY REAR START SOLENOID	1	FUSED, CHASSIS RELAY START RELAY - SOURCE
RE017-1	TFE	0.5		SPLICE, EFI RELAY REAR	2	INJECTOR 1	2	FUSED, EFI RELAY
E017-2	TFE	0.5		SPLICE, EFI RELAY REAR	2	INJECTOR 2	2	FUSED, EFI RELAY
RE017-3 RE017-4	TFE	0.5		SPLICE, EFI RELAY REAR SPLICE, EFI RELAY REAR	2 2	INJECTOR 3 INJECTOR 4	2 2	FUSED, EFI RELAY FUSED, EFI RELAY
RE017-4	TXL	0.5	_	SPLICE, EFI RELAY REAR	1	CAM PHASER	1	FUSED, EFI RELAY
RE017-8	TXL	0.5	OG	SPLICE, EFI RELAY REAR	1	PURGE	1	FUSED, EFI RELAY
RE041-1	TXL	0.5		SPLICE, CHASSIS RELAY REAR	2	SPEED SENSOR	A	FUSED, CHASSIS RELAY, VSS
RE041-3 RE041-4	TXL TXL	0.5		SPLICE, CHASSIS RELAY REAR SPLICE, CHASSIS RELAY REAR	2 2	O2 SENSOR ALTERNATOR	C A	FUSED, CHASSIS RELAY FUSED, CHASSIS RELAY
CM-B53	TXL	8.0	WH/GY	COIL 1	3	ECM CODE 13	B53	COIL 1 TRIGGER
U011-1	TXL	0.8	_	SPLICE, COIL 1&4	2	COIL 1	1	COIL 1&4 FUSE
GR2-1 SH1	TXL SHLD	0.8		SPLICE, COIL GND SPLICE, SHIELD	2 2	COIL 1 FLUSH CUT AT COIL 1	1	GROUND, COIL 1 COIL 1 SHIELD
<u>SП1</u> СМ-В56	TXL	0.8		COIL 2	3	ECM CODE 13	B56	COIL 1 SHIELD COIL 2 TRIGGER
U012-1	TXL	0.8	OG/DB	SPLICE, COIL 2&3	2	COIL 2	1	COIL 2&3 FUSE
GR2-2	TXL	0.8		SPLICE, COIL GND SPLICE, SHIELD	2	COIL 2 FLUSH CUT AT COIL 2	2	GROUND, COIL 2
SH2 CM-B54	SHLD	0.5		COIL 3	3	ECM CODE 13	B54	COIL 2 SHIELD COIL 3 TRIGGER
U012-2	TXL	0.8		SPLICE, COIL 2&3	2	COIL 3	1	COIL 2&3 FUSE
GR2-3	TXL	8.0	BN	SPLICE, COIL GND	2	COIL 3	2	GROUND, COIL 3
SH3	SHLD	0.5		SPLICE, SHIELD	2	FLUSH CUT AT COIL 3	1	COIL 4 TRICCER
CM-B55 FU011-2	TXL TXL	0.8		COIL 4 SPLICE, COIL 1&4	3 2	ECM CODE 13 COIL 4	B55	COIL 4 TRIGGER COIL 1&4 FUSE
GR2-4	TXL	0.8		SPLICE, COIL T&4 SPLICE, COIL GND	2	COIL 4	2	GROUND, COIL 4
SH4	SHLD	0.5	SHLD	SPLICE, SHIELD	2	FLUSH CUT AT COIL 4	1	COIL 4 SHIELD
PS SHLD		0.5	_	SPLICE, ECM GROUND	2	SPLICE,CPS	1	CPS SHIELD
ECM-B13 ECM-B14	TXL TXL	0.5		CPS CPS	2	ECM CODE 13 ECM CODE 13	B13 B14	CPS SIGNAL (+) CPS SIGNAL (-)
	TXL	0.5 0.5TP		CHASSIS HARNESS	1	ECM CODE 13	B29	CAN HIGH
ECM-B29				CHASSIS HARNESS	2	ECM CODE 13	B30	CAN LOW

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