

Revisions			
Rev.	Date	Author	Description
A	2/22/2019	Tal Lipshitz	
Notes			
1	Splice in CAN resistor		
2	SDC.1 = Safety Switches (including BSPD)		
3	Split wire for BSPD		

ECU_A

From	To	Conductor	Color	Gauge
ECU_A.1	GSHIFT.1	W1.Red	Red	18 AWG
ECU_A.2	S1_5VA	W37.Red	Red	22 AWG
ECU_A.3	COILA	W59.White	White	22 AWG
ECU_A.4	SENSATA.2	W155.Black	Black	22 AWG
ECU_A.7	DRS.3	W166.Red	Red	22 AWG
ECU_A.8	DRS.4	W167.Red	Red	22 AWG
ECU_A.9	S2_5VB	W38.Red	Red	22 AWG
ECU_A.10	GND	W15.Black	Black	20 AWG
ECU_A.11	GND	W124.Black	Black	20 AWG
ECU_A.14	GPOS.3	W27.White	White	22 AWG
ECU_A.15	MAP	W60.White	White	22 AWG
ECU_A.16	TPS.3	W63.White	White	22 AWG
ECU_A.17	FPRES.3	W3.White	White	22 AWG
ECU_A.18	GSHIFT.2	W2.Black	Black	20 AWG
ECU_A.23	INJECTOR.1	W4.Black	Black	22 AWG
ECU_A.25	BRAKE_PRES.3	W62.White	White	22 AWG
ECU_A.26	PDM_A.1	W16.Red	Red	22 AWG
ECU_A.26	PDM_A.10	W17.Red	Red	20 AWG
ECU_A.31	ARB_VOLTDIVIDE.A	W160.White	White	22 AWG
ECU_A.32	FPUMP.3	W5.White	White	22 AWG
ECU_A.33	FAN_VOLTDIVIDE.A	W14.Red	Red	20 AWG

ECU_B

From	To	Conductor	Color	Gauge
ECU_B.1	CRANK.2	W26.White	White	22 AWG
ECU_B.2	MAP	W61.White	White	22 AWG
ECU_B.3	ECT.1	W29.White	White	22 AWG
ECU_B.4	TMAP.IAT	W30.White	White	22 AWG
ECU_B.7	KNOCK.1	W158.Black	Black	22 AWG
ECU_B.8	WSPEED_FR.3	W90.White	White	22 AWG
ECU_B.9	WSPEED_FL.3	W92.White	White	22 AWG
ECU_B.10	LAP.3	W28.White	White	22 AWG
ECU_B.11	WSPEED_RR.3	W57.White	White	22 AWG
ECU_B.13	KNOCK.2	W161.White	White	22 AWG
ECU_B.14	WSPEED_RL.3	W140.White	White	22 AWG
ECU_B.15	S1_0VA	W31.Black	Black	22 AWG
ECU_B.16	S2_0VB	W33.Black	Black	22 AWG
ECU_B.17	BOSCH_ACCEL.3	W6.White	White	22 AWG
ECU_B.17	D153.4	W64.White	White	22 AWG
ECU_B.17	LTC.3	W12.White	White	22 AWG
ECU_B.17	PDM_B.26	W11.White	White	22 AWG
ECU_B.17	TIRE_FL.1	W141.White	White	22 AWG
ECU_B.17	TIRE_FR.1	W137.White	White	22 AWG
ECU_B.17	TIRE_RL.1	W138.White	White	22 AWG
ECU_B.17	TIRE_RR.1	W139.White	White	22 AWG
ECU_B.18	BOSCH_ACCEL.2	W7.Green	Green	22 AWG
ECU_B.18	D153.3	W65.Green	Green	22 AWG
ECU_B.18	LTC.2	W13.Green	Green	22 AWG
ECU_B.18	PDM_B.25	W10.Green	Green	22 AWG
ECU_B.18	TIRE_FL.2	W71.Green	Green	22 AWG
ECU_B.18	TIRE_FR.2	W69.Green	Green	22 AWG
ECU_B.18	TIRE_RL.2	W68.Green	Green	22 AWG
ECU_B.18	TIRE_RR.2	W70.Green	Green	22 AWG
ECU_B.20	SUSPENSION_RR.3	W163.White	White	22 AWG
ECU_B.21	SUSPENSION_FR.3	W164.White	White	22 AWG
ECU_B.22	STEER_ANGLE.3	W91.White	White	22 AWG
ECU_B.23	ECU_ETHERNET.1	W114.White	White	24 AWG
ECU_B.24	ECU_ETHERNET.2	W115.White	White	24 AWG
ECU_B.25	ECU_ETHERNET.3	W116.White	White	24 AWG
ECU_B.26	ECU_ETHERNET.4	W117.White	White	24 AWG

PDM_A

From	To	Conductor	Color	Gauge
PDM_A.1	ECU_A.26	W16.Red	Red	20 AWG
PDM_A.2	SDC.2	W42.Red	Red	22 AWG
PDM_A.4	FPUMP.1	W49.Red	Red	22 AWG
PDM_A.6	BSPD.1	W146.Red	Red	22 AWG
PDM_A.8	FAN.1	W84.Red	Red	22 AWG
PDM_A.10	ECU_A.26	W17.Red	Red	20 AWG
PDM_A.11	LTC.4	W18.Red	Red	22 AWG
PDM_A.13	ARB_SERVO.1	W147.Red	Red	22 AWG
PDM_A.15	SDC.5	W43.Red	Red	22 AWG
PDM_A.18	STARTER_RELAYSIG_VBATT	W144.Red	Red	22 AWG
PDM_A.20	BRAKE_LIGHT.1	W145.Red	Red	22 AWG
PDM_A.21	QUICK_RELEASE.9	W128.White	White	22 AWG
PDM_A.22	D153.1	W45.Red	Red	22 AWG
PDM_A.25	LAP.1	W36.Red	Red	22 AWG
PDM_A.26	GND	W126.Black	Black	20 AWG
PDM_A.27	QUICK_RELEASE.6	W97.White	White	22 AWG
PDM_A.29	DASHBOARD.5	W23.Black	Black	22 AWG
PDM_A.30	QUICK_RELEASE.11	W130.White	White	22 AWG
PDM_A.31	DASHBOARD.2	W51.Black	Black	22 AWG
PDM_A.32	QUICK_RELEASE.3	W94.White	White	22 AWG
PDM_A.33	QUICK_RELEASE.4	W95.White	White	22 AWG
PDM_A.34	QUICK_RELEASE.5	W96.White	White	22 AWG

PDM_B

From	To	Conductor	Color	Gauge
PDM_B.1	BOSCH_ACCEL.4	W8.Red	Red	22 AWG
PDM_B.4	DRS.1	W66.Green	Green	22 AWG
PDM_B.6	DRS.2	W67.Green	Green	22 AWG
PDM_B.15	QUICK_RELEASE.2	W93.White	White	22 AWG
PDM_B.17	DASHBOARD.5	W55.Black	Black	22 AWG
PDM_B.18	GND	W127.Black	Black	20 AWG
PDM_B.20	QUICK_RELEASE.7	W98.White	White	22 AWG
PDM_B.21	QUICK_RELEASE.8	W99.White	White	22 AWG
PDM_B.23	DASHBOARD.4	W52.Black	Black	22 AWG
PDM_B.24	QUICK_RELEASE.10	W129.White	White	22 AWG
PDM_B.25	ECU_B.18	W10.Green	Green	22 AWG
PDM_B.26	ECU_B.17	W11.White	White	22 AWG

From	To	Color	Gauge	Notes
QUICK_RELEASE.1	GND	Black	22 AWG	Ground
QUICK_RELEASE.2	PDM_B.15	White	22 AWG	AUX Button
QUICK_RELEASE.3	PDM_A.32	White	22 AWG	ARB Soft
QUICK_RELEASE.4	PDM_A.33	White	22 AWG	ARB Medium
QUICK_RELEASE.5	PDM_A.34	White	22 AWG	ARB Stiff
QUICK_RELEASE.6	PDM_A.27	White	22 AWG	ARB Auto
QUICK_RELEASE.7	PDM_B.20	White	22 AWG	EngineMode - AutoX
QUICK_RELEASE.8	PDM_B.21	White	22 AWG	EngineMode - Endurance
QUICK_RELEASE.9	PDM_A.21	White	22 AWG	EngineMode - Accel
QUICK_RELEASE.10	PDM_B.24	White	22 AWG	EngineMode - Starting
QUICK_RELEASE.11	PDM_A.30	White	22 AWG	EngineMode - Bypass
QUICK_RELEASE.12	D153.5	White	22 AWG	Neutral
QUICK_RELEASE.13	D153.6	White	22 AWG	Shift Down
QUICK_RELEASE.14	D153.7	White	22 AWG	Shift Up
QUICK_RELEASE.15	D153.8	White	22 AWG	Page
QUICK_RELEASE.16	D153.9	White	22 AWG	Launch
QUICK_RELEASE.17	D153.10	White	22 AWG	Extra

From	To	Color	Gauge
SUSPENSION_FR.1	S2_5VB	Red	22 AWG
SUSPENSION_FR.2	S2_0VB	Black	22 AWG
SUSPENSION_FR.3	ECU_B.21	White	22 AWG

From	To	Color	Gauge
WSPEED_FR.1	S2_5VB	Red	22 AWG
WSPEED_FR.2	S2_0VB	Black	22 AWG
WSPEED_FR.3	ECU_B.8	White	22 AWG

From	To	Color	Gauge
TIRE_FR.1	ECU_B.17	White	22 AWG
TIRE_FR.2	ECU_B.18	Green	22 AWG
TIRE_FR.3	S2_5VB	Red	22 AWG
TIRE_FR.4	S2_0VB	Black	22 AWG

From	To	Conductor	Color	Gauge
GND	ARB_SERVO.2	W157.Black	Black	22 AWG
GND	ARB_VOLTDIVIDE.B	W148.Black	Black	22 AWG
GND	BOSCH_ACCEL.1	W9.Black	Black	22 AWG
GND	BRAKELIGHT_GND	W110.Black	Black	22 AWG
GND	BSPD.6	W151.Black	Black	22 AWG
GND	COIL.C	W21.Black	Black	22 AWG
GND	COIL.D	W56.Black	Black	22 AWG
GND	D153.2	W53.Black	Black	22 AWG
GND	DASHBOARD.1	W54.Black	Black	22 AWG
GND	ECU_A.10	W15.Black	Black	20 AWG
GND	ECU_A.11	W124.Black	Black	20 AWG
GND	FAN_GND	W125.Black	Black	20 AWG
GND	LAP.2	W32.Black	Black	22 AWG
GND	LTC.1	W19.Black	Black	22 AWG
GND	PDM_A.26	W126.Black	Black	20 AWG
GND	PDM_B.18	W127.Black	Black	20 AWG
GND	QUICK_RELEASE.1	W101.Black	Black	22 AWG
GND	SDC.3	W105.Black	Black	22 AWG
GND	SENSATA.1	W156.Black	Black	22 AWG
GND	STARTER_RELAYSIG_GND	W104.Black	Black	22 AWG

From	To	Color	Gauge
SDC.1	BSPD.3	Black	22 AWG
SDC.2	PDM_A.2	Black	22 AWG
SDC.3	GND	Black	22 AWG
SDC.4	FPUMP.2	Black	22 AWG
SDC.5	PDM_A.15	Black	22 AWG
SDC.6	INIIGN_VBATT	Red	22 AWG

From	To	Color	Gauge
ECU_ETHERNET.1	ECU_B.23	White	24 AWG
ECU_ETHERNET.2	ECU_B.24	White	24 AWG
ECU_ETHERNET.3	ECU_B.25	White	24 AWG
ECU_ETHERNET.4	ECU_B.26	White	24 AWG

From	To	Color	Gauge
DASHBOARD.1	GND	Black	22 AWG
DASHBOARD.2	PDM_A.31	Black	22 AWG
DASHBOARD.3	PDM_A.29	Black	22 AWG
DASHBOARD.4	PDM_B.23	Black	22 AWG
DASHBOARD.5	PDM_B.17	Black	22 AWG

From	To	Color	Gauge
D153.1	PDM_A.22	Red	22 AWG
D153.2	GND	Black	22 AWG
D153.3	ECU_B.18	Green	22 AWG
D153.4	ECU_B.17	White	22 AWG
D153.5	QUICK_RELEASE.12	White	22 AWG
D153.6	QUICK_RELEASE.13	White	22 AWG
D153.7	QUICK_RELEASE.14	White	22 AWG
D153.8	QUICK_RELEASE.15	White	22 AWG
D153.9	QUICK_RELEASE.16	White	22 AWG
D153.10	QUICK_RELEASE.17	White	22 AWG

From	To	Color	Gauge
BRAKE_PRES.1	S2_5VB	Red	22 AWG
BRAKE_PRES.2	S2_0VB	Black	22 AWG
BRAKE_PRES.3	BSPD.5	White	22 AWG
BRAKE_PRES.3	ECU_A.25	White	22 AWG

From	To	Color	Gauge
STEER_ANGLE.1	S2_5VB	Red	22 AWG
STEER_ANGLE.2	S2_0VB	Black	22 AWG
STEER_ANGLE.3	ECU_B.22	White	22 AWG

From	To	Color	Gauge
BRAKELIGHT_SIGNAL	BRAKE_LIGHT.2	Black	22 AWG

From	To	Conductor	Color	Gauge
BRAKELIGHT_GND	GND	W110.Black	Black	22 AWG

From	To	Color	Gauge
WSPEED_FL.1	S2_5VB	Red	22 AWG
WSPEED_FL.2	S2_0VB	Black	22 AWG
WSPEED_FL.3	ECU_B.9	White	22 AWG

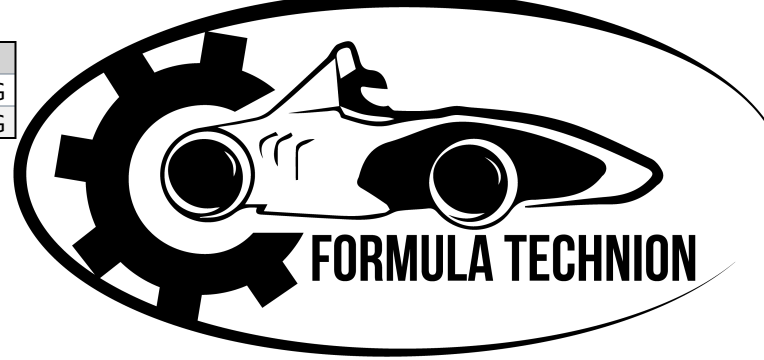
From	To	Color	Gauge
TIRE_FL.1	ECU_B.17	White	22 AWG
TIRE_FL.2	ECU_B.18	Green	22 AWG
TIRE_FL.3	S2_5VB	Red	22 AWG
TIRE_FL.4	S2_0VB	Black	22 AWG

From	To	Color	Gauge
ARB_VOLTDIVIDE.A	ECU_A.31	White	22 AWG
ARB_VOLTDIVIDE.B	GND	Black	22 AWG
ARB_VOLTDIVIDE.C	ARB_SERVO.3	White	22 AWG

From	To	Color	Gauge
ARB_SERVO.1	PDM_A.13	Red	22 AWG
ARB_SERVO.2	GND	Black	22 AWG
ARB_SERVO.3	ARB_VOLTDIVIDE.C	White	22 AWG

From	To	Color	Gauge
DRS.1	PDM_B.4	Green	22 AWG
DRS.2	PDM_B.6	Green	22 AWG
DRS.3	ECU_A.7	Red	22 AWG
DRS.4	ECU_A.8	Red	22 AWG

From	To	Color	Gauge
FAN_VOLTDIVIDE.A	ECU_A.33	Black	20 AWG
FAN_VOLTDIVIDE.B	FAN_GND	Black	22 AWG
FAN_VOLTDIVIDE.C	FAN.3	Red	22 AWG



FT19 MAIN HARNESS

TAL LIPSHITZ

27.02.2019

Title:	----
Part Number:	FT19C Main Harness
Description:	

Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
1	Connector	TE Connectivity	Motec_34	SS10-34S-1	2	ECU_A, PDM_A
2	Connector	TE Connectivity	Motec_26	SS10-26S-1	2	ECU_B, PDM_B
3	Connector	Molex	93444-1101	2pin Receptacle	3	BRAKE_LIGHT, GSHIFT, KNOCK
4	Contact	TE Connectivity	Motec_Pin	SS10-SKT	2	See Wiring Table
5	Lock	Molex	93447-1033	2pin Receptable Lock	1	GSHIFT
6	Wire		18_Red			W1
7	Wire		20_Black			W2, W15, W124, W125, W126, W127
8	Connector	Delphi	MP150P-3S	Fuel Pressure Sensor Connector	1	FPRES
9	Contact	Delphi	MP150P-SKT1	FPRES Socket	3	See Wiring Table
10	Wire		22_White		≥ 0 in	W3, W5, W6, W11, W12, W26, W27, W28, W29, W30, W57, W58, W59, W60, W61, W62, W63, W64, W90, W91, W92, W93, W94, W95, W96, W97, W98, W99, W128, W129, W130, W131, W132, W133, W134, W135, W136, W137, W138, W139, W140, W141, W142, W143, W159, W160, W161, W162, W163, W164, W165
11	Connector	Jetronic	JPT-2S	Injector Connector	1	INJECTOR
12	Wire	Alphawire	22_Black			W4, W9, W20, W31, W32, W33, W34, W35, W148, W149, W150, W151
13	Connector	TE Connectivity	ASX 002-03SC	ASX 3-way Receptacle (ORNG/FLG)	1	FPUMP
14	Contact	Jetronic	JPT-SKT1	Injector Socket	2	See Wiring Table
15	Wire Seal	Jetronic	JPT-SL1	Injector Seal	2	See Wiring Table
16	Wire	Alphawire	22_Green	22_Green	≥ 0 in	W7, W10, W13, W65, W66, W67, W68, W69, W70, W71, W72
17	Wire	Alphawire	22_Red			W8, W18, W36, W37, W38, W39, W40, W41, W42, W43, W44, W45, W46, W47, W48, W49, W50, W78, W79, W80, W81, W82, W83, W84, W85, W86, W87, W88, W89, W144, W145, W146, W147, W166, W167, W168, W169
18	Ring Terminal		22-20 AWG Green	Generic Ring Terminal	1	GND
19	Wire	Alphawire	20_Red			W14, W16, W17
20	Connector	TE Connectivity	AS 108-35SD	AS Series 6-way Receptacle (GR)	1	LTC
21	Wire	Alpha Wire	22 AWG Black	22 AWG Black	≥ 0 in	W19, W21, W22, W23, W24, W25, W51, W52, W53, W54, W55, W56,

Title:	----
Part Number:	FT19C Main Harness
Description:	

Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
						W73, W74, W75, W76, W77, W100, W101, W102, W103, W104, W105, W106, W107, W108, W109, W110, W111, W112, W113, W152, W153, W154, W155, W156, W157, W158, W170, W171, W172, W173, W174, W175
22	Connector	Delphi	# MP150.2-5S-1	Coil Connector	1	COIL
23	Connector	TE Connectivity	ASX 002-03SB	ASX 3-way Receptacle (BLUE/FLG)	1	LAP
24	Connector	TE Connectivity	ASX 102-03SU	ASX 3-way Receptacle (PURP)	1	CRANK
25	Connector	TE Connectivity	ASX 102-03SA	ASX 3-way Receptacle (RED)	1	GPOS
26	Connector	Sumitomo	Coolant_Sensor	HX040-2S-1	1	ECT
27	Connector	Bosch	Bosch_TMAP	TMAP	1	TMAP
28	Splice		Generic Splice	Generic Splice	7	FAN_GND, INJIGN_VBATT, MAP, S1_OVA, S1_5VA, S2_OVB, S2_5VB
29	Connector	BOSCH	BPRES_CON	Bosch Pressure Sensor Connector	1	BRAKE_PRES
30	Connector	TE Connectivity	QR03_SteeringSide	Krontec	1	QUICK_RELEASE
31	Connector	TE Connectivity	AS 110-35SN	AS Series 13-Way Receptacle (YL)	1	D153
32	Connector	TE Connectivity	AS 108-35SB	AS Series 6-way Receptacle(BL)	1	DASHBOARD
33	Connector	TE Connectivity	AS 108-35SU	AS Series 6-way Receptacle (PURP)	2	DRS, SDC
34	Connector	TE Connectivity	ASU 003-03SA	ASU 3-way Receptacle (RED/FL)	1	TPS
35	Connector	TE Connectivity	ASU 603-03PA	ASU 3-way Plug (RED)	4	WSPEED_FL, WSPEED_FR, WSPEED_RL, WSPEED_RR
36	Connector	TE Connectivity	ASU 103-03SB	ASU 3-way Receptacle (BLUE)	1	STEER_ANGLE
37	Connector	TE Connectivity	ASU 003-05SD	ASU Series 5-way Receptacle (GR/FL)	1	ECU_ETHERNET
38	Wire	Alphawire	24 AWG White	24 AWG White	≥ 0 in	W114, W115, W116, W117, W118, W119, W120, W121, W122, W123
39	Connector	TE Connectivity	ASX 102-03SE	ASX 3-way Receptacle (GREY)	1	FAN
40	Connector	Molex	93444-2101	ML-XT™ Sealed 3 Circuit Receptacle Housing	2	ARB_VOLTDIVIDE, FAN_VOLTDIVIDE
41	Lock	Molex	93447-2003	Male Pin Wedgelock (3)	1	FAN_VOLTDIVIDE
42	Contact	Molex	84524-0014	Molex Pin (16-18 AWG)	3	See Wiring Table
43	Connector	Molex	93444-3101	4pin Receptacle	4	TIRE_FL, TIRE_FR, TIRE_RL, TIRE_RR
44	Quick Connect Terminal		22-20 AWG Red Male	Generic Quick Connect Terminal	2	STARTER_RELAYSIG_GND, STARTER_RELAYSIG_VBATT
45	Connector	TE Connectivity	ESJ-3S	Sensata Connector	1	SENSATA
46	Connector	TE Connectivity	AS608-98SA	Deutsch Autosport 3	1	ARB_SERVO
47	Connector	TE Connectivity	AS108-98PA	Deutsch Autosport 3	2	SUSPENSION_FR, SUSPENSION_RR

Title:	----
Part Number:	FT19C Main Harness
Description:	

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
ARB_SERVO.2	GND	W157.Black	22 AWG Black		22 AWG			
ARB_SERVO.3	ARB_VOLTDIVIDE.C	W159.White	22_White		22 AWG			
BOSCH_ACCEL.1	GND	W9.Black	22_Black		22 AWG			
BOTS_2	RIGHT_SHUTDOWN_1	W152.Black	22 AWG Black		22 AWG			
BRAKELIGHT_SIGNAL	BRAKE_LIGHT.2	W107.Black	22 AWG Black		22 AWG			
BRAKE_PRES.1	S2_5VB	W83.Red	22_Red		22 AWG			
BRAKE_PRES.2	S2_0VB	W100.Black	22 AWG Black		22 AWG			
BRAKE_PRES.3	BSPD.5	W143.White	22_White		22 AWG			
BSPD.3	SDC.1	W111.Black	22 AWG Black		22 AWG			
COCKPIT_SHUTDOWN_2	BOTS_1	W154.Black	22 AWG Black		22 AWG			
COIL.E	INJIGN_VBATT	W47.Red	22_Red		22 AWG			
CRANK.1	S1_5VA	W44.Red	22_Red		22 AWG			
DASHBOARD.1	GND	W54.Black	22 AWG Black		22 AWG			GND
DRS.1	PDM_B.4	W66.Green	22_Green		22 AWG			
DRS.2	PDM_B.6	W67.Green	22_Green		22 AWG			
DRS.3	ECU_A.7	W166.Red	22_Red		22 AWG			
DRS.4	ECU_A.8	W167.Red	22_Red		22 AWG			
ECT.2	S1_0VA	W25.Black	22 AWG Black		22 AWG			
ECU_A.1	GSHIFT.1	W1.Red	18_Red		18 AWG			
ECU_A.2	S1_5VA	W37.Red	22_Red		22 AWG			
ECU_A.3	COIL.A	W59.White	22_White		22 AWG			
ECU_A.4	SENSATA.2	W155.Black	22 AWG Black		22 AWG			BYPASS
ECU_A.9	S2_5VB	W38.Red	22_Red		22 AWG			
ECU_A.10	GND	W15.Black	20_Black		20 AWG			
ECU_A.11	GND	W124.Black	20_Black		20 AWG			
ECU_A.14	GPOS.3	W27.White	22_White		22 AWG			
ECU_A.15	MAP	W60.White	22_White		22 AWG			
ECU_A.16	TPS.3	W63.White	22_White		22 AWG			
ECU_A.17	FPRES.3	W3.White	22_White		22 AWG			
ECU_A.18	GSHIFT.2	W2.Black	20_Black		20 AWG			
ECU_A.23	INJECTOR.1	W4.Black	22_Black		22 AWG			
ECU_A.25	BRAKE_PRES.3	W62.White	22_White		22 AWG			
ECU_A.26	PDM_A.1	W16.Red	20_Red		20 AWG			
ECU_A.26	PDM_A.10	W17.Red	20_Red		20 AWG			
ECU_A.31	ARB_VOLTDIVIDE.A	W160.White	22_White		22 AWG			
ECU_A.32	FPUMP.3	W5.White	22_White		22 AWG			
ECU_A.33	FAN_VOLTDIVIDE.A	W14.Red	20_Red		20 AWG			
ECU_B.1	CRANK.2	W26.White	22_White		22 AWG			
ECU_B.2	MAP	W61.White	22_White		22 AWG			
ECU_B.3	ECT.1	W29.White	22_White		22 AWG			
ECU_B.4	TMAP.IAT	W30.White	22_White		22 AWG			








































Title:	----
Part Number:	FT19C Main Harness
Description:	

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
ECU_B.7	KNOCK.1	W158.Black	22 AWG Black		22 AWG			
ECU_B.8	WSPEED_FR.3	W90.White	22_White		22 AWG			
ECU_B.9	WSPEED_FL.3	W92.White	22_White		22 AWG			
ECU_B.10	LAP.3	W28.White	22_White		22 AWG			
ECU_B.11	WSPEED_RR.3	W57.White	22_White		22 AWG			
ECU_B.13	KNOCK.2	W161.White	22_White		22 AWG			
ECU_B.14	WSPEED_RL.3	W140.White	22_White		22 AWG			
ECU_B.15	S1_OVA	W31.Black	22_Black		22 AWG			
ECU_B.16	S2_OVB	W33.Black	22_Black		22 AWG			
ECU_B.17	BOSCH_ACCEL.3	W6.White	22_White	W7	22 AWG			
ECU_B.17	D153.4	W64.White	22_White		22 AWG			
ECU_B.17	LTC.3	W12.White	22_White	W13	22 AWG			
ECU_B.17	PDM_B.26	W11.White	22_White		22 AWG			
ECU_B.17	TIRE_FL.1	W141.White	22_White		22 AWG			
ECU_B.17	TIRE_FR.1	W137.White	22_White		22 AWG			
ECU_B.17	TIRE_RL.1	W138.White	22_White		22 AWG			
ECU_B.17	TIRE_RR.1	W139.White	22_White		22 AWG			
ECU_B.18	BOSCH_ACCEL.2	W7.Green	22_Green	W6	22 AWG			
ECU_B.18	D153.3	W65.Green	22_Green		22 AWG			
ECU_B.18	LTC.2	W13.Green	22_Green	W12	22 AWG			
ECU_B.18	PDM_B.25	W10.Green	22_Green		22 AWG			
ECU_B.18	TIRE_FL.2	W71.Green	22_Green		22 AWG			
ECU_B.18	TIRE_FR.2	W69.Green	22_Green		22 AWG			
ECU_B.18	TIRE_RL.2	W68.Green	22_Green		22 AWG			
ECU_B.18	TIRE_RR.2	W70.Green	22_Green		22 AWG			
ECU_B.20	SUSPENSION_RR.3	W163.White	22_White		22 AWG			
ECU_B.21	SUSPENSION_FR.3	W164.White	22_White		22 AWG			
ECU_B.22	STEER_ANGLE.3	W91.White	22_White		22 AWG			
ECU_B.23	ECU_ETHERNET.1	W114.White	24 AWG White		24 AWG			
ECU_B.24	ECU_ETHERNET.2	W115.White	24 AWG White		24 AWG			
ECU_B.25	ECU_ETHERNET.3	W116.White	24 AWG White		24 AWG			
ECU_B.26	ECU_ETHERNET.4	W117.White	24 AWG White		24 AWG			
FAN.2	FAN_GND	W113.Black	22 AWG Black		22 AWG			
FAN.3	FAN_VOLTDIVIDE.C	W82.Red	22_Red		22 AWG			
FAN_VOLTDIVIDE.B	FAN_GND	W112.Black	22 AWG Black		22 AWG		84524-0014	
FPRES.1	S1_5VA	W39.Red	22_Red		22 AWG		MP150P-SKT1	
FPRES.2	S1_OVA	W34.Black	22_Black		22 AWG		MP150P-SKT1	
GND	ARB_VOLTDIVIDE.B	W148.Black	22_Black		22 AWG			
GND	BRAKELIGHT_GND	W110.Black	22 AWG Black		22 AWG			
GND	BSPD.6	W151.Black	22_Black		22 AWG			
GND	COIL.C	W21.Black	22 AWG Black		22 AWG			










































Title:	----
Part Number:	FT19C Main Harness
Description:	

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
GND	COIL.D	W56.Black	22 AWG Black		22 AWG			
GND	D153.2	W53.Black	22 AWG Black		22 AWG			
GND	FAN_GND	W125.Black	20_Black		20 AWG			
GND	LAP.2	W32.Black	22_Black		22 AWG			
GND	LTC.1	W19.Black	22 AWG Black		22 AWG			
GND	SENSATA.1	W156.Black	22 AWG Black		22 AWG			
GND	STARTER_RELAYSIG_GND	W104.Black	22 AWG Black		22 AWG			
GPOS.1	S1_5VA	W40.Red	22_Red		22 AWG			
GPOS.2	S1_0VA	W35.Black	22_Black		22 AWG			
INJECTOR.2	INJIGN_VBATT	W48.Red	22_Red		22 AWG		JPT-SKT1	
LEFT_SHUTDOWN_2	BSPD.2	W149.Black	22_Black		22 AWG			
PDM_A.2	SDC.2	W42.Red	22_Red		22 AWG			
PDM_A.4	FPUMP.1	W49.Red	22_Red		22 AWG			
PDM_A.6	BSPD.1	W146.Red	22_Red		22 AWG			
PDM_A.8	FAN.1	W84.Red	22_Red		22 AWG			
PDM_A.11	LTC.4	W18.Red	22_Red		22 AWG			
PDM_A.13	ARB_SERVO.1	W147.Red	22_Red		22 AWG			
PDM_A.15	SDC.5	W43.Red	22_Red		22 AWG			
PDM_A.18	STARTER_RELAYSIG_VBATT	W144.Red	22_Red		22 AWG			
PDM_A.20	BRAKE_LIGHT.1	W145.Red	22_Red		22 AWG			
PDM_A.22	D153.1	W45.Red	22_Red		22 AWG			
PDM_A.25	LAP.1	W36.Red	22_Red		22 AWG			
PDM_A.26	GND	W126.Black	20_Black		20 AWG			
PDM_A.29	DASHBOARD.3	W23.Black	22 AWG Black		22 AWG			Starter
PDM_A.31	DASHBOARD.2	W51.Black	22 AWG Black		22 AWG			Main
PDM_B.1	BOSCH_ACCEL.4	W8.Red	22_Red		22 AWG			
PDM_B.17	DASHBOARD.5	W55.Black	22 AWG Black		22 AWG			Auxilliary
PDM_B.18	GND	W127.Black	20_Black		20 AWG			
PDM_B.23	DASHBOARD.4	W52.Black	22 AWG Black		22 AWG			Brightness
QUICK_RELEASE.1	GND	W101.Black	22 AWG Black		22 AWG			Ground
QUICK_RELEASE.2	PDM_B.15	W93.White	22_White		22 AWG			AUX Button
QUICK_RELEASE.3	PDM_A.32	W94.White	22_White		22 AWG			ARB Soft
QUICK_RELEASE.4	PDM_A.33	W95.White	22_White		22 AWG			ARB Medium
QUICK_RELEASE.5	PDM_A.34	W96.White	22_White		22 AWG			ARB Stiff
QUICK_RELEASE.6	PDM_A.27	W97.White	22_White		22 AWG			ARB Auto
QUICK_RELEASE.7	PDM_B.20	W98.White	22_White		22 AWG			EngineMode - AutoX
QUICK_RELEASE.8	PDM_B.21	W99.White	22_White		22 AWG			EngineMode - Endurance
QUICK_RELEASE.9	PDM_A.21	W128.White	22_White		22 AWG			EngineMode - Accel
QUICK_RELEASE.10	PDM_B.24	W129.White	22_White		22 AWG			EngineMode - Starting
QUICK_RELEASE.11	PDM_A.30	W130.White	22_White		22 AWG			EngineMode - Bypass
QUICK_RELEASE.12	D153.5	W131.White	22_White		22 AWG			Neutral










































Title:	----
Part Number:	FT19C Main Harness
Description:	

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
QUICK_RELEASE.13	D153.6	 W132.White	22_White		22 AWG			Shift Down
QUICK_RELEASE.14	D153.7	 W133.White	22_White		22 AWG			Shift Up
QUICK_RELEASE.15	D153.8	 W134.White	22_White		22 AWG			Page
QUICK_RELEASE.16	D153.9	 W135.White	22_White		22 AWG			Launch
QUICK_RELEASE.17	D153.10	 W136.White	22_White		22 AWG			Extra
RIGHT_SHUTDOWN_2	LEFT_SHUTDOWN_1	 W153.Black	22 AWG Black		22 AWG			
S1_0VA	COIL.B	 W20.Black	22_Black		22 AWG			
S1_0VA	SUSPENSION_RR.2	 W170.Black	22 AWG Black		22 AWG			
S1_0VA	TIRE_RL.4	 W106.Black	22 AWG Black		22 AWG			
S1_0VA	TIRE_RR.4	 W102.Black	22 AWG Black		22 AWG			
S1_0VA	TPS.2	 W73.Black	22 AWG Black		22 AWG			
S1_0VA	WSPEED_RL.2	 W103.Black	22 AWG Black		22 AWG			
S1_5VA	SUSPENSION_RR.1	 W168.Red	22_Red		22 AWG			
S1_5VA	TIRE_RL.3	 W88.Red	22_Red		22 AWG			
S1_5VA	TIRE_RR.3	 W86.Red	22_Red		22 AWG			
S1_5VA	TPS.1	 W50.Red	22_Red		22 AWG			
S1_5VA	WSPEED_RL.1	 W85.Red	22_Red		22 AWG			
S2_0VB	STEER_ANGLE.2	 W76.Black	22 AWG Black		22 AWG			
S2_0VB	SUSPENSION_FR.2	 W172.Black	22 AWG Black		22 AWG			
S2_0VB	TIRE_FL.4	 W108.Black	22 AWG Black		22 AWG			
S2_0VB	TIRE_FR.4	 W109.Black	22 AWG Black		22 AWG			
S2_0VB	WSPEED_FL.2	 W74.Black	22 AWG Black		22 AWG			
S2_5VB	STEER_ANGLE.1	 W79.Red	22_Red		22 AWG			
S2_5VB	SUSPENSION_FR.1	 W169.Red	22_Red		22 AWG			
S2_5VB	TIRE_FL.3	 W87.Red	22_Red		22 AWG			
S2_5VB	TIRE_FR.3	 W89.Red	22_Red		22 AWG			
S2_5VB	WSPEED_FL.1	 W81.Red	22_Red		22 AWG			
SDC.3	GND	 W105.Black	22 AWG Black		22 AWG			
SDC.4	FPUMP.2	 W22.Black	22 AWG Black		22 AWG			
SDC.6	INJIGN_VBATT	 W46.Red	22_Red		22 AWG			
SENSATA.2	COCKPIT_SHUTDOWN_1	 W150.Black	22_Black		22 AWG			
TMAP.5V	S1_5VA	 W41.Red	22_Red		22 AWG			
TMAP.GND	S1_0VA	 W24.Black	22 AWG Black		22 AWG			
TMAP.MAP	MAP	 W58.White	22_White		22 AWG			
TPS.3	BSPD.4	 W142.White	22_White		22 AWG			
WSPEED_FR.1	S2_5VB	 W80.Red	22_Red		22 AWG			
WSPEED_FR.2	S2_0VB	 W77.Black	22 AWG Black		22 AWG			
WSPEED_RR.1	S1_5VA	 W78.Red	22_Red		22 AWG			
WSPEED_RR.2	S1_0VA	 W75.Black	22 AWG Black		22 AWG			










































Title:	----
Part Number:	FT19C Main Harness
Description:	

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	Length	Twisted With
1	Wire	W1		18_Red	 Red	18 AWG		
2	Wire	W2		20_Black	 Black	20 AWG		
3	Wire	W3		22_White	 White	22 AWG		
4	Wire	W4	Alphawire	22_Black	 Black	22 AWG		
5	Wire	W5		22_White	 White	22 AWG		
6	Wire	W6		22_White	 White	22 AWG		W7
7	Wire	W7	Alphawire	22_Green	 Green	22 AWG		W6
8	Wire	W8	Alphawire	22_Red	 Red	22 AWG		
9	Wire	W9	Alphawire	22_Black	 Black	22 AWG		
10	Wire	W10	Alphawire	22_Green	 Green	22 AWG		
11	Wire	W11		22_White	 White	22 AWG		
12	Wire	W12		22_White	 White	22 AWG		W13
13	Wire	W13	Alphawire	22_Green	 Green	22 AWG		W12
14	Wire	W14	Alphawire	20_Red	 Red	20 AWG		
15	Wire	W15		20_Black	 Black	20 AWG		
16	Wire	W16	Alphawire	20_Red	 Red	20 AWG		
17	Wire	W17	Alphawire	20_Red	 Red	20 AWG		
18	Wire	W18	Alphawire	22_Red	 Red	22 AWG		
19	Wire	W19	Alpha Wire	22 AWG Black	 Black	22 AWG		
20	Wire	W20	Alphawire	22_Black	 Black	22 AWG		
21	Wire	W21	Alpha Wire	22 AWG Black	 Black	22 AWG		
22	Wire	W22	Alpha Wire	22 AWG Black	 Black	22 AWG		
23	Wire	W23	Alpha Wire	22 AWG Black	 Black	22 AWG		
24	Wire	W24	Alpha Wire	22 AWG Black	 Black	22 AWG		
25	Wire	W25	Alpha Wire	22 AWG Black	 Black	22 AWG		
26	Wire	W26		22_White	 White	22 AWG		
27	Wire	W27		22_White	 White	22 AWG		
28	Wire	W28		22_White	 White	22 AWG		
29	Wire	W29		22_White	 White	22 AWG		
30	Wire	W30		22_White	 White	22 AWG		
31	Wire	W31	Alphawire	22_Black	 Black	22 AWG		
32	Wire	W32	Alphawire	22_Black	 Black	22 AWG		
33	Wire	W33	Alphawire	22_Black	 Black	22 AWG		
34	Wire	W34	Alphawire	22_Black	 Black	22 AWG		
35	Wire	W35	Alphawire	22_Black	 Black	22 AWG		
36	Wire	W36	Alphawire	22_Red	 Red	22 AWG		
37	Wire	W37	Alphawire	22_Red	 Red	22 AWG		
38	Wire	W38	Alphawire	22_Red	 Red	22 AWG		
39	Wire	W39	Alphawire	22_Red	 Red	22 AWG		
40	Wire	W40	Alphawire	22_Red	 Red	22 AWG		
41	Wire	W41	Alphawire	22_Red	 Red	22 AWG		










































Title:	----
Part Number:	FT19C Main Harness
Description:	

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	Length	Twisted With
42	Wire	W42	Alphawire	22_Red	 Red	22 AWG		
43	Wire	W43	Alphawire	22_Red	 Red	22 AWG		
44	Wire	W44	Alphawire	22_Red	 Red	22 AWG		
45	Wire	W45	Alphawire	22_Red	 Red	22 AWG		
46	Wire	W46	Alphawire	22_Red	 Red	22 AWG		
47	Wire	W47	Alphawire	22_Red	 Red	22 AWG		
48	Wire	W48	Alphawire	22_Red	 Red	22 AWG		
49	Wire	W49	Alphawire	22_Red	 Red	22 AWG		
50	Wire	W50	Alphawire	22_Red	 Red	22 AWG		
51	Wire	W51	Alpha Wire	22 AWG Black	 Black	22 AWG		
52	Wire	W52	Alpha Wire	22 AWG Black	 Black	22 AWG		
53	Wire	W53	Alpha Wire	22 AWG Black	 Black	22 AWG		
54	Wire	W54	Alpha Wire	22 AWG Black	 Black	22 AWG		
55	Wire	W55	Alpha Wire	22 AWG Black	 Black	22 AWG		
56	Wire	W56	Alpha Wire	22 AWG Black	 Black	22 AWG		
57	Wire	W57		22_White	 White	22 AWG		
58	Wire	W58		22_White	 White	22 AWG		
59	Wire	W59		22_White	 White	22 AWG		
60	Wire	W60		22_White	 White	22 AWG		
61	Wire	W61		22_White	 White	22 AWG		
62	Wire	W62		22_White	 White	22 AWG		
63	Wire	W63		22_White	 White	22 AWG		
64	Wire	W64		22_White	 White	22 AWG		
65	Wire	W65	Alphawire	22_Green	 Green	22 AWG		
66	Wire	W66	Alphawire	22_Green	 Green	22 AWG		
67	Wire	W67	Alphawire	22_Green	 Green	22 AWG		
68	Wire	W68	Alphawire	22_Green	 Green	22 AWG		
69	Wire	W69	Alphawire	22_Green	 Green	22 AWG		
70	Wire	W70	Alphawire	22_Green	 Green	22 AWG		
71	Wire	W71	Alphawire	22_Green	 Green	22 AWG		
72	Wire	W72	Alphawire	22_Green	 Green	22 AWG	0 in	
73	Wire	W73	Alpha Wire	22 AWG Black	 Black	22 AWG		
74	Wire	W74	Alpha Wire	22 AWG Black	 Black	22 AWG		
75	Wire	W75	Alpha Wire	22 AWG Black	 Black	22 AWG		
76	Wire	W76	Alpha Wire	22 AWG Black	 Black	22 AWG		
77	Wire	W77	Alpha Wire	22 AWG Black	 Black	22 AWG		
78	Wire	W78	Alphawire	22_Red	 Red	22 AWG		
79	Wire	W79	Alphawire	22_Red	 Red	22 AWG		
80	Wire	W80	Alphawire	22_Red	 Red	22 AWG		
81	Wire	W81	Alphawire	22_Red	 Red	22 AWG		
82	Wire	W82	Alphawire	22_Red	 Red	22 AWG		












Title:	----
Part Number:	FT19C Main Harness
Description:	

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	Length	Twisted With
83	Wire	W83	Alphawire	22_Red	 Red	22 AWG		
84	Wire	W84	Alphawire	22_Red	 Red	22 AWG		
85	Wire	W85	Alphawire	22_Red	 Red	22 AWG		
86	Wire	W86	Alphawire	22_Red	 Red	22 AWG		
87	Wire	W87	Alphawire	22_Red	 Red	22 AWG		
88	Wire	W88	Alphawire	22_Red	 Red	22 AWG		
89	Wire	W89	Alphawire	22_Red	 Red	22 AWG		
90	Wire	W90		22_White	 White	22 AWG		
91	Wire	W91		22_White	 White	22 AWG		
92	Wire	W92		22_White	 White	22 AWG		
93	Wire	W93		22_White	 White	22 AWG		
94	Wire	W94		22_White	 White	22 AWG		
95	Wire	W95		22_White	 White	22 AWG		
96	Wire	W96		22_White	 White	22 AWG		
97	Wire	W97		22_White	 White	22 AWG		
98	Wire	W98		22_White	 White	22 AWG		
99	Wire	W99		22_White	 White	22 AWG		
100	Wire	W100	Alpha Wire	22 AWG Black	 Black	22 AWG		
101	Wire	W101	Alpha Wire	22 AWG Black	 Black	22 AWG		
102	Wire	W102	Alpha Wire	22 AWG Black	 Black	22 AWG		
103	Wire	W103	Alpha Wire	22 AWG Black	 Black	22 AWG		
104	Wire	W104	Alpha Wire	22 AWG Black	 Black	22 AWG		
105	Wire	W105	Alpha Wire	22 AWG Black	 Black	22 AWG		
106	Wire	W106	Alpha Wire	22 AWG Black	 Black	22 AWG		
107	Wire	W107	Alpha Wire	22 AWG Black	 Black	22 AWG		
108	Wire	W108	Alpha Wire	22 AWG Black	 Black	22 AWG		
109	Wire	W109	Alpha Wire	22 AWG Black	 Black	22 AWG		
110	Wire	W110	Alpha Wire	22 AWG Black	 Black	22 AWG		
111	Wire	W111	Alpha Wire	22 AWG Black	 Black	22 AWG		
112	Wire	W112	Alpha Wire	22 AWG Black	 Black	22 AWG		
113	Wire	W113	Alpha Wire	22 AWG Black	 Black	22 AWG		
114	Wire	W114	Alphawire	24 AWG White	 White	24 AWG		
115	Wire	W115	Alphawire	24 AWG White	 White	24 AWG		
116	Wire	W116	Alphawire	24 AWG White	 White	24 AWG		
117	Wire	W117	Alphawire	24 AWG White	 White	24 AWG		
118	Wire	W118	Alphawire	24 AWG White	 White	24 AWG	0 in	
119	Wire	W119	Alphawire	24 AWG White	 White	24 AWG	0 in	
120	Wire	W120	Alphawire	24 AWG White	 White	24 AWG	0 in	
121	Wire	W121	Alphawire	24 AWG White	 White	24 AWG	0 in	
122	Wire	W122	Alphawire	24 AWG White	 White	24 AWG	0 in	
123	Wire	W123	Alphawire	24 AWG White	 White	24 AWG	0 in	

Title:	----
Part Number:	FT19C Main Harness
Description:	

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	Length	Twisted With
124	Wire	W124		20_Black	 Black	20 AWG		
125	Wire	W125		20_Black	 Black	20 AWG		
126	Wire	W126		20_Black	 Black	20 AWG		
127	Wire	W127		20_Black	 Black	20 AWG		
128	Wire	W128		22_White	 White	22 AWG		
129	Wire	W129		22_White	 White	22 AWG		
130	Wire	W130		22_White	 White	22 AWG		
131	Wire	W131		22_White	 White	22 AWG		
132	Wire	W132		22_White	 White	22 AWG		
133	Wire	W133		22_White	 White	22 AWG		
134	Wire	W134		22_White	 White	22 AWG		
135	Wire	W135		22_White	 White	22 AWG		
136	Wire	W136		22_White	 White	22 AWG		
137	Wire	W137		22_White	 White	22 AWG		
138	Wire	W138		22_White	 White	22 AWG		
139	Wire	W139		22_White	 White	22 AWG		
140	Wire	W140		22_White	 White	22 AWG		
141	Wire	W141		22_White	 White	22 AWG		
142	Wire	W142		22_White	 White	22 AWG		
143	Wire	W143		22_White	 White	22 AWG		
144	Wire	W144	Alphawire	22_Red	 Red	22 AWG		
145	Wire	W145	Alphawire	22_Red	 Red	22 AWG		
146	Wire	W146	Alphawire	22_Red	 Red	22 AWG		
147	Wire	W147	Alphawire	22_Red	 Red	22 AWG		
148	Wire	W148	Alphawire	22_Black	 Black	22 AWG		
149	Wire	W149	Alphawire	22_Black	 Black	22 AWG		
150	Wire	W150	Alphawire	22_Black	 Black	22 AWG		
151	Wire	W151	Alphawire	22_Black	 Black	22 AWG		
152	Wire	W152	Alpha Wire	22 AWG Black	 Black	22 AWG		
153	Wire	W153	Alpha Wire	22 AWG Black	 Black	22 AWG		
154	Wire	W154	Alpha Wire	22 AWG Black	 Black	22 AWG		
155	Wire	W155	Alpha Wire	22 AWG Black	 Black	22 AWG		
156	Wire	W156	Alpha Wire	22 AWG Black	 Black	22 AWG		
157	Wire	W157	Alpha Wire	22 AWG Black	 Black	22 AWG		
158	Wire	W158	Alpha Wire	22 AWG Black	 Black	22 AWG		
159	Wire	W159		22_White	 White	22 AWG		
160	Wire	W160		22_White	 White	22 AWG		
161	Wire	W161		22_White	 White	22 AWG		
162	Wire	W162		22_White	 White	22 AWG	0 in	
163	Wire	W163		22_White	 White	22 AWG		
164	Wire	W164		22_White	 White	22 AWG		

Title:	----
Part Number:	FT19C Main Harness
Description:	

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	Length	Twisted With
165	Wire	W165		22_White	 White	22 AWG	0 in	
166	Wire	W166	Alphawire	22_Red	 Red	22 AWG		
167	Wire	W167	Alphawire	22_Red	 Red	22 AWG		
168	Wire	W168	Alphawire	22_Red	 Red	22 AWG		
169	Wire	W169	Alphawire	22_Red	 Red	22 AWG		
170	Wire	W170	Alpha Wire	22 AWG Black	 Black	22 AWG		
171	Wire	W171	Alpha Wire	22 AWG Black	 Black	22 AWG	0 in	
172	Wire	W172	Alpha Wire	22 AWG Black	 Black	22 AWG		
173	Wire	W173	Alpha Wire	22 AWG Black	 Black	22 AWG	0 in	
174	Wire	W174	Alpha Wire	22 AWG Black	 Black	22 AWG	0 in	
175	Wire	W175	Alpha Wire	22 AWG Black	 Black	22 AWG	0 in	

Title:	----
Part Number:	FT19C Main Harness
Description:	



#	Manufacturer	Part Number	Description	Label Text