














Revisions			
Rev.	Date	Author	Description
A	20/10/2021	Stephane PAIN	


From	To	Conductor	Color
Start_Stop_Switch.1	S1	W37.Black	
Start_Stop_Switch.2	Starter_Relay.B	W22.Orange	
Start_Stop_Switch.3	ECU.12	W6.Gray	
Start_Stop_Switch.4	FB.B9	W38.Red	




From	To	Conductor	Color
Fuel_Tank.1	S7	W44.Green	
Fuel_Tank.3	ECU.18	W84.White	
Fuel_Tank.4	FB.D7	W23.Red	
Fuel_Tank.5	FB.A7	W46.Red-Black	
Fuel_Tank.6	S6	W45.Yellow	
Fuel_Tank.8	S3	W76.Brown	
Fuel_Tank.10	S1	W24.Black	









From	To	Conductor	Color
Batt	S2	W77.Red	
























From	To	Conductor	Color
GND	S1	W78.Black	













From	To	Conductor	Color
Coil1.A	ECU.3	W1.Gray-Orange	
Coil1.B	S3	W29.Brown	
Coil1.C	S4	W30.Green-Yellow	
Coil1.D	S1	W31.Black	
Coil1.E	S5	W32.Red	

































From	To	Conductor	Color
Coil1.A	ECU.3	W1.Gray-Orange	
Coil1.B	S3	W29.Brown	
Coil1.C	S4	W30.Green-Yellow	
Coil1.D	S1	W31.Black	
Coil1.E	S5	W32.Red	





From	To	Conductor	Color
S4	Coil1.C	W30.Green-Yellow	
S4	Coil2.C	W34.Green-Yellow	
S4	Engine.7	W20.Green-Yellow	





From	To	Conductor	Color
S3	Coil1.B	W29.Brown	
S3	Coil2.B	W33.Brown	
S3	ECU.11	W5.Brown	
S3	Engine.1	W49.Brown	
S3	Fuel_Tank.8	W76.Brown	
S5	Coil1.E	W32.Red	
S5	Coil2.E	W36.Red	
S5	FB.C7	W70.Red	



From	To	Conductor	Color
S1	Bilge.2	W47.Black	
S1	Coil1.D	W31.Black	
S1	Coil2.D	W35.Black	
S1	Diag.1	W52.Black	
S1	ECU.10	W4.Black	
S1	FB.B1	W61.Black	
S1	Fuel_Tank.10	W24.Black	
S1	GND	W78.Black	
S1	Power.1	W39.Black	
S1	Power.3	W41.Black	
S1	Regulator.2	W79.Black	
S1	Start_Stop_Switch.1	W37.Black	
S1	Starter_Relay.A	W43.Black	
S2	Batt	W77.Red	
S2	FB.A1	W56.Red	
S2	FB.A5	W58.Red	
S2	FB.D8	W74.Red	
S6	Diag.3	W54.Yellow	
S6	ECU.16	W9.Yellow	
S6	Fuel_Tank.6	W45.Yellow	
S7	Diag.2	W53.Green	
S7	ECU.17	W27.Green	
S7	Fuel_Tank.1	W44.Green	



From	To	Conductor	Color
S8	FB.A4	W57.Red	
S8	FB.B4	W63.Red	
S8	FB.C4	W68.Red	
S9	FB.A6	W59.Red-Blue	
S9	FB.A8	W60.Red-Blue	
S9	FB.B3	W62.Red-Blue	
S9	FB.B6	W64.Red-Blue	
S9	FB.B8	W65.Red-Blue	
S9	FB.C1	W66.Red-Blue	
S9	FB.C3	W67.Red-Blue	
S9	FB.C6	W69.Red-Blue	
S9	FB.C8	W71.Red-Blue	





















From	To	Conductor	Color
FB.A1	S2	W56.Red	
FB.A3	Power.2	W40.White	
FB.A4	S8	W57.Red	
FB.A5	S2	W58.Red	
FB.A6	S9	W59.Red-Blue	
FB.A7	Fuel_Tank.5	W46.Red-Black	
FB.A8	S9	W60.Red-Blue	
FB.A9	ECU.26	W16.Red-White	
FB.B1	S1	W61.Black	
FB.B3	S9	W62.Red-Blue	
FB.B4	S8	W63.Red	
FB.B5	Bilge.1	W50.Red	
FB.B6	S9	W64.Red-Blue	
FB.B7	Engine.8	W21.Red-Blue	
FB.B8	S9	W65.Red-Blue	
FB.B9	Start_Stop_Switch.4	W38.Red	
FB.C1	S9	W66.Red-Blue	
FB.C3	S9	W67.Red-Blue	
FB.C4	S8	W68.Red	
FB.C5	Power.4	W42.Red	
FB.C6	S9	W69.Red-Blue	
FB.C7	S5	W70.Red	
FB.C8	S9	W71.Red-Blue	
FB.C9	Diag.4	W55.Red	
FB.D1	FB.D4	W72.Black	
FB.D3	FB.D6	W73.White	
FB.D4	FB.D1	W72.Black	
FB.D5	ECU.24	W15.Yellow-Black	
FB.D6	FB.D3	W73.White	
FB.D7	Fuel_Tank.4	W23.Red	
FB.D8	S2	W74.Red	
FB.D9	Regulator.1	W28.Red	



From	To	Conductor	Color
Power.1	S1	W39.Black	
Power.2	FB.A3	W40.White	
Power.3	S1	W41.Black	
Power.4	FB.C5	W42.Red	

From	To	Conductor	Color
Diag.1	S1	W52.Black	
Diag.2	S7	W53.Green	
Diag.3	S6	W54.Yellow	
Diag.4	FB.C9	W55.Red	

From	To	Conductor	Color
Bilge.1	FB.B5	W50.Red	
Bilge.2	S1	W47.Black	

From	To	Conductor	Color
Regulator.1	FB.D9	W28.Red	
Regulator.2	S1	W79.Black	

From	To	Conductor	Color
ECU.3	Coil1.A	W1.Gray-Orange	
ECU.4	Coil2.A	W2.Gray-Brown	
ECU.9	Engine.2	W3.Pink	
ECU.10	S1	W4.Black	
ECU.11	S3	W5.Brown	
ECU.12	Start_Stop_Switch.3	W6.Gray	
ECU.14	Engine.12	W7.Blue-White	
ECU.15	Engine.13	W8.Blue-Violet	
ECU.16	S6	W9.Yellow	
ECU.17	S7	W27.Green	
ECU.18	Fuel_Tank.3	W84.White	
ECU.19	Engine.3	W75.Yellow-Orange	
ECU.20	Engine.5	W80.Yellow-Brown	
ECU.21	Engine.4	W81.Yellow-Blue	
ECU.22	Engine.6	W82.Yellow-Green	
ECU.24	FB.D5	W15.Yellow-Black	
ECU.26	FB.A9	W16.Red-White	
ECU.29	Engine.10	W17.Blue-Brown	
ECU.30	Engine.11	W18.Blue-Yellow	
ECU.31	Engine.9	W19.Blue-Orange	

From	To	Conductor	Color
Starter_Relay.A	S1	W43.Black	
Starter_Relay.B	Start_Stop_Switch.2	W22.Orange	

Title Loom - PFI - E-Bar Reaper		Part Number 70-0330 - Wiring Diagram		Revision R01A		Mfg Approved QA		This document contains confidential and proprietary information that cannot be reproduced or divulged, in whole or in part, without written authorization.	
Description Loom - PFI - E-Bar Reaper									



Title:	Loom - PFI - E-Bar Reaper v1.3 - Wiring Table
Part Number:	70-0330 - Wiring Diagram - A
Description:	Loom - PFI - E-Bar Reaper



From	To	Conductor	Notes
Batt	S2	W77.Red	+Bat
Bilge.1	FB.B5	W50.Red	BilgeBt - Batt +12V
Bilge.2	S1	W47.Black	BilgeBt - GND
Coil1.B	S3	W29.Brown	Coil1 - Sig GND
Coil1.C	S4	W30.Green-Yellow	Coil1 - Head GND
Coil1.D	S1	W31.Black	Coil1 - GND
Coil1.E	S5	W32.Red	Coil1 - +ve
Coil2.B	S3	W33.Brown	Coil2 - Sig GND
Coil2.C	S4	W34.Green-Yellow	Coil2 - Head GND
Coil2.D	S1	W35.Black	Coil2 - GND
Coil2.E	S5	W36.Red	Coil2 - +ve
Diag.1	S1	W52.Black	CANDiag - GND
Diag.2	S7	W53.Green	CANDiag - CAN Lo
Diag.3	S6	W54.Yellow	CANDiag - CAN Hi
Diag.4	FB.C9	W55.Red	CANDiag - +12V
ECU.3	Coil1.A	W1.Gray-Orange	ECU - Coil 1
ECU.4	Coil2.A	W2.Gray-Brown	ECU - Coil 2
ECU.9	Engine.2	W3.Pink	ECU - +5V
ECU.10	S1	W4.Black	ECU - GND
ECU.11	S3	W5.Brown	ECU - Sig GND
ECU.12	Start_Stop_Switch.3	W6.Gray	ECU - Kill
ECU.14	Engine.12	W7.Blue-White	ECU - TPS
ECU.15	Engine.13	W8.Blue-Violet	ECU - MAP
ECU.16	S6	W9.Yellow	ECU - CAN Hi
ECU.17	S7	W27.Green	ECU - CAN L
ECU.18	Fuel_Tank.3	W84.White	Oil Pump Control
ECU.19	Engine.3	W75.Yellow-Orange	ECU - Injector 1 Sig - 1.1
ECU.20	Engine.5	W80.Yellow-Brown	ECU - Injector 3 Sig - 1.2
ECU.21	Engine.4	W81.Yellow-Blue	ECU - Injector 2 Sig - 2.1
ECU.22	Engine.6	W82.Yellow-Green	ECU - Injector 4 Sig - 2.2
ECU.24	FB.D5	W15.Yellow-Black	ECU - Fuel Pump
ECU.26	FB.A9	W16.Red-White	ECU - +12V
ECU.29	Engine.10	W17.Blue-Brown	ECU - Air Temp
ECU.30	Engine.11	W18.Blue-Yellow	ECU - Coolant Temp
ECU.31	Engine.9	W19.Blue-Orange	ECU - Crank Pos
Engine.1	S3	W49.Brown	Engine - Signal GND
Engine.7	S4	W20.Green-Yellow	Engine - Head GND
Engine.8	FB.B7	W21.Red-Blue	Engine - Inj +12V
FB.A1	S2	W56.Red	FB - 12V Main Relay
FB.A4	S8	W57.Red	FB - +12V out
FB.A5	S2	W58.Red	FB - Batt In

Title:	Loom - PFI - E-Bar Reaper v1.3 - Wiring Table
Part Number:	70-0330 - Wiring Diagram - A
Description:	Loom - PFI - E-Bar Reaper



From	To	Conductor	Notes
FB.A6	S9	W59.Red-Blue	FB - +IGN
FB.A8	S9	W60.Red-Blue	FB - +IGN
FB.B1	S1	W61.Black	FB - Main Relay GND
FB.B3	S9	W62.Red-Blue	FB - +IGN
FB.B4	S8	W63.Red	FB - +12V
FB.B6	S9	W64.Red-Blue	FB - +IGN
FB.B8	S9	W65.Red-Blue	FB - +IGN
FB.C1	S9	W66.Red-Blue	FB - +IGN
FB.C3	S9	W67.Red-Blue	FB - +IGN
FB.C4	S8	W68.Red	FB - +12V
FB.C6	S9	W69.Red-Blue	FB - +IGN
FB.C7	S5	W70.Red	FB - Coil
FB.C8	S9	W71.Red-Blue	FB - +IGN
FB.D1	FB.D4	W72.Black	FB - Fuel Relay
FB.D3	FB.D6	W73.White	FB - Fuel Pump
FB.D8	S2	W74.Red	FB - Regulator
Fuel_Tank.1	S7	W44.Green	Tank - CAN L
Fuel_Tank.4	FB.D7	W23.Red	Tank - Fuel Pump +12V
Fuel_Tank.5	FB.A7	W46.Red-Black	Tank - Oil Controller +12V
Fuel_Tank.6	S6	W45.Yellow	Tank - CAN H
Fuel_Tank.8	S3	W76.Brown	Sig GND
Fuel_Tank.10	S1	W24.Black	Tank - Batt GND
GND	S1	W78.Black	GND
Power.1	S1	W39.Black	PowerBt - GND
Power.2	FB.A3	W40.White	PowerBt - +IGN
Power.3	S1	W41.Black	PowerBt - GND
Power.4	FB.C5	W42.Red	PowerBt - +12V
Regulator.1	FB.D9	W28.Red	Regulator + 12V
Regulator.2	S1	W79.Black	Regulator - GND
Start_Stop_Switch.1	S1	W37.Black	Start/Stop - GND
Start_Stop_Switch.4	FB.B9	W38.Red	Start/Stop - +ve
Starter_Relay.A	S1	W43.Black	
Starter_Relay.B	Start_Stop_Switch.2	W22.Orange	Start