










































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



From	To	Conductor	Color	Gauge	From Contact PN
Fuel_Tank.1	S7	W44.Green		0.5 mm²	CKK003-1.5MSB2-V
Fuel_Tank.3	ECU.18	W75.White		0.5 mm²	
Fuel_Tank.4	FB.D7	W23.Red		1.25 mm²	
Fuel_Tank.5	FB.A7	W46.Red-Black		1.25 mm²	CKK001-3.5MSB2-V
Fuel_Tank.6	S6	W45.Yellow		0.5 mm²	CKK003-1.5MSB2-V
Fuel_Tank.8	S3	W76.Brown		0.5 mm²	
Fuel_Tank.10	S1	W24.Black		2 mm²	CKK001-3.5MSB2-V

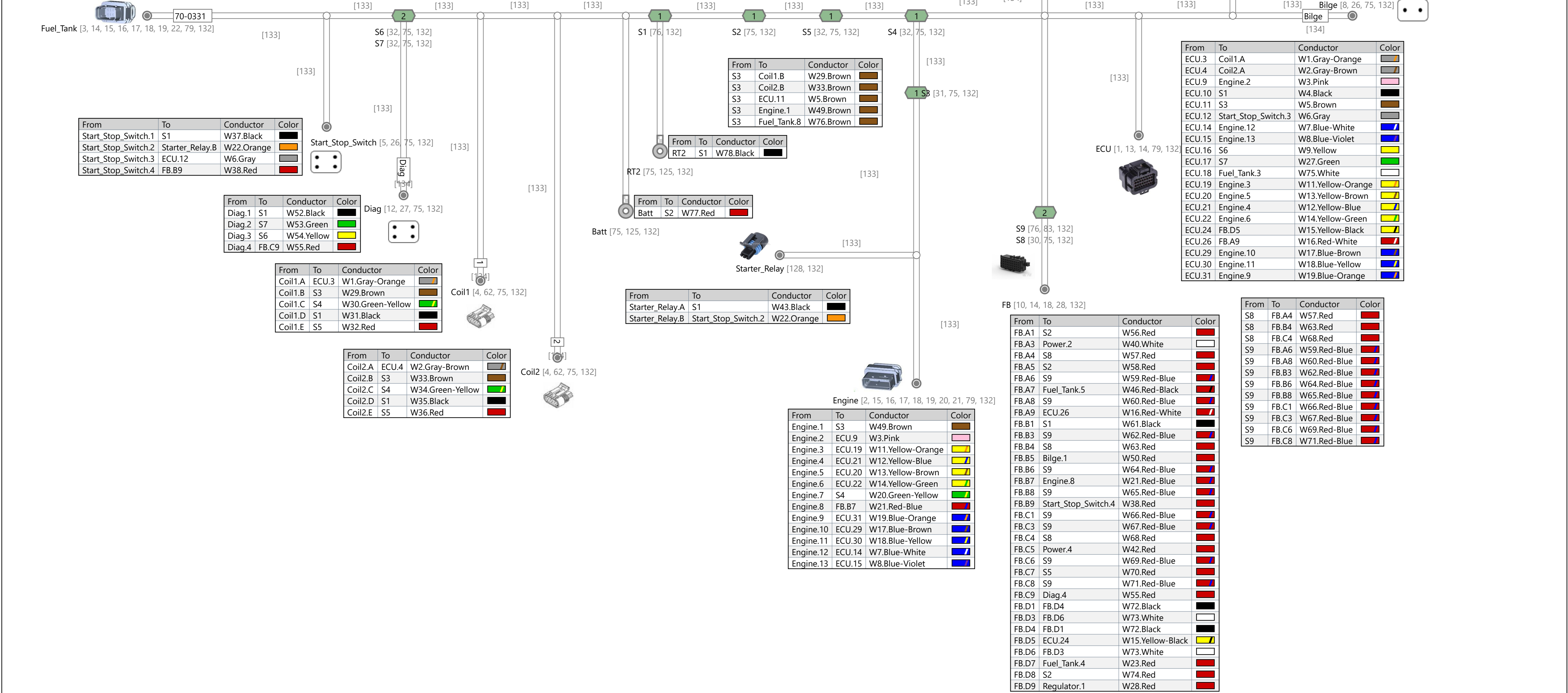
From	To	Conductor	Color
S6	Diag.3	W54.Yellow	
S6	ECU.16	W9.Yellow	
S6	Fuel_Tank.6	W45.Yellow	
S7	Diag.2	W53.Green	
S7	ECU.17	W27.Green	
S7	Fuel_Tank.1	W44.Green	

From	To	Conductor	Color	Gauge
S1	Bilge.2	W47.Black		20 AWG
S1	Coil1.D	W31.Black		20 AWG
S1	Coil2.D	W35.Black		20 AWG
S1	Diag.1	W52.Black		0.5 mm²
S1	ECU.10	W4.Black		20 AWG
S1	FB.B1	W61.Black		1.25 mm²
S1	Fuel_Tank.10	W24.Black		2 mm²
S1	Power.1	W39.Black		20 AWG
S1	Power.3	W41.Black		20 AWG
S1	RT2	W78.Black		6 mm²
S1	Regulator.2	W79.Black		1.25 mm²
S1	Start_Stop_Switch.1	W37.Black		20 AWG
S1	Starter_Relay.A	W43.Black		20 AWG
S2	Batt	W77.Red		6 mm²
S2	FB.A1	W56.Red		2 mm²
S2	FB.A5	W58.Red		2 mm²
S2	FB.D8	W74.Red		2 mm²
S4	Coil1.C	W30.Green-Yellow		0.82 mm²
S4	Coil2.C	W34.Green-Yellow		0.82 mm²
S4	Engine.7	W20.Green-Yellow		0.82 mm²
S5	Coil1.E	W32.Red		20 AWG
S5	Coil2.E	W36.Red		20 AWG
S5	FB.C7	W70.Red		20 AWG

From	To	Conductor	Color	Gauge	From Contact PN
Power.1	S1	W39.Black		20 AWG	0460-202-16141
Power.2	FB.A3	W40.White		0.5 mm²	0460-202-16141
Power.3	S1	W41.Black		20 AWG	0460-202-16141
Power.4	FB.C5	W42.Red		20 AWG	0460-202-16141

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

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



<b>Title:</b>	Loom - PFI - E-Bar Reaper v1.3 - Wiring Table
<b>Part Number:</b>	70-0331 - Wiring Diagram - A
<b>Description:</b>	Loom - PFI - E-Bar Stand-up



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	 W75.White	Oil Pump Controller command
ECU.19	Engine.3	 W11.Yellow-Orange	ECU - Injector 1 Sig - 1.1
ECU.20	Engine.5	 W13.Yellow-Brown	ECU - Injector 3 Sig - 1.2
ECU.21	Engine.4	 W12.Yellow-Blue	ECU - Injector 2 Sig - 2.1
ECU.22	Engine.6	 W14.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

<b>Title:</b>	Loom - PFI - E-Bar Reaper v1.3 - Wiring Table
<b>Part Number:</b>	70-0331 - Wiring Diagram - A
<b>Description:</b>	Loom - PFI - E-Bar Stand-up



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
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
RT2	S1	W78.Black	GND
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