


































































































Title:	----
Part Number:	2024 Front Harness
Description:	

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	From Strip	To Strip	Length	Twisted With
1	Cable	CBL2		2 Wire 22 AWG shielded	 White				30 in	
2	Cable	CBL3		3 Wire 22 AWG shielded	 White				30 in	
3	Cable	CBL4		3 Wire 22 AWG shielded	 White				30 in	
4	Wire	W1		22 AWG Orange	 Orange	22 AWG			18 in	
5	Wire	W2		22 AWG Orange	 Orange	22 AWG			18 in	
6	Wire	W3		22 AWG Pink	 Pink	22 AWG			18 in	
7	Wire	W4		22 AWG Pink	 Pink	22 AWG			18 in	
8	Wire	W5		22 AWG Black - White	 Black-White	22 AWG			18 in	
9	Wire	W6		22 AWG Black - White	 Black-White	22 AWG			18 in	
10	Wire	W16		18 AWG Red	 Red	18 AWG			9 in	
11	Wire	W18		18 AWG Red	 Red	18 AWG			21 in	
12	Wire	W20		18 AWG Black	 Black	18 AWG			21 in	
13	Wire	W48		22 AWG Brown	 Brown	22 AWG			28 in	
14	Wire	W73		22 AWG Violet	 Violet	22 AWG			79 in	
15	Wire	W74		22 AWG Violet	 Violet	22 AWG			79 in	
16	Wire	W75		22 AWG Violet	 Violet	22 AWG			79 in	
17	Wire	W76		22 AWG Black	 Black	22 AWG			34 in	
18	Wire	W77		22 AWG Black	 Black	22 AWG			42 in	
19	Wire	W78		22 AWG Black	 Black	22 AWG			42 in	
20	Wire	W82		22 AWG Black	 Black	22 AWG			82 in	
21	Wire	W83		22 AWG Black	 Black	22 AWG			24 in	
22	Wire	W84		22 AWG Black	 Black	22 AWG			37 in	
23	Wire	W85		22 AWG Black	 Black	22 AWG			34 in	
24	Wire	W86		22 AWG Orange	 Orange	22 AWG			22 in	
25	Wire	W87		22 AWG Orange	 Orange	22 AWG			16 in	
26	Wire	W88		22 AWG Orange	 Orange	22 AWG			16 in	
27	Wire	W89		22 AWG Orange	 Orange	22 AWG			8 in	
28	Wire	W92		22 AWG Pink	 Pink	22 AWG			55 in	
29	Wire	W93		22 AWG Pink	 Pink	22 AWG			49 in	
30	Wire	W94		22 AWG Pink	 Pink	22 AWG			49 in	
31	Wire	W95		22 AWG Pink	 Pink	22 AWG			41 in	
32	Wire	W96		22 AWG Pink	 Pink	22 AWG			30 in	
33	Wire	W97		22 AWG Pink	 Pink	22 AWG			30 in	
34	Wire	W98		22 AWG Pink	 Pink	22 AWG			30 in	
35	Wire	W99		22 AWG Pink	 Pink	22 AWG			30 in	
36	Wire	W100		22 AWG Pink	 Pink	22 AWG			30 in	
37	Wire	W101		22 AWG Pink	 Pink	22 AWG			30 in	
38	Wire	W102		22 AWG Pink	 Pink	22 AWG			30 in	
39	Wire	W103		22 AWG Pink	 Pink	22 AWG			30 in	
40	Wire	W104		22 AWG Pink	 Pink	22 AWG			30 in	
41	Wire	W105		22 AWG Pink	 Pink	22 AWG			30 in	










































Title:	----
Part Number:	2024 Front Harness
Description:	

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	From Strip	To Strip	Length	Twisted With
42	Wire	W106		22 AWG Pink	 Pink	22 AWG			30 in	
43	Wire	W107		22 AWG Pink	 Pink	22 AWG			30 in	
44	Wire	W108		22 AWG Pink	 Pink	22 AWG			30 in	
45	Wire	W109		22 AWG Pink	 Pink	22 AWG			30 in	
46	Wire	W110		22 AWG Orange	 Orange	22 AWG			24 in	
47	Wire	W112		22 AWG Orange	 Orange	22 AWG			37 in	
48	Wire	W114		22 AWG Orange	 Orange	22 AWG			21 in	
49	Wire	W118		22 AWG Orange	 Orange	22 AWG			50 in	
50	Wire	W119		22 AWG Orange	 Orange	22 AWG			16 in	
51	Wire	W124		22 AWG Orange	 Orange	22 AWG			9 in	
52	Wire	W125		22 AWG Orange	 Orange	22 AWG			37 in	
53	Wire	W128		22 AWG Black - White	 Black-White	22 AWG			22 in	
54	Wire	W129		22 AWG Black - White	 Black-White	22 AWG			16 in	
55	Wire	W130		22 AWG Black - White	 Black-White	22 AWG			16 in	
56	Wire	W131		22 AWG Black - White	 Black-White	22 AWG			8 in	
57	Wire	W132		22 AWG Black - White	 Black-White	22 AWG			9 in	
58	Wire	W134		22 AWG Black - White	 Black-White	22 AWG			16 in	
59	Wire	W135		22 AWG Black - White	 Black-White	22 AWG			24 in	
60	Wire	W141		22 AWG Black - White	 Black-White	22 AWG			21 in	
61	Wire	W142		22 AWG Black - White	 Black-White	22 AWG			50 in	
62	Wire	W144		22 AWG Black - White	 Black-White	22 AWG			37 in	
63	Wire	W146		22 AWG Gray - Blue Stripe	 Gray-Blue	22 AWG			30 in	
64	Wire	W147		22 AWG Gray - Green Stripe	 Gray-Green	22 AWG			30 in	
65	Wire	W148		22 AWG Gray - Red Stripe	 Gray-Red	22 AWG			30 in	
66	Wire	W149		22 AWG Gray - Black Stripe	 Gray-Black	22 AWG			30 in	
67	Wire	W150		18 AWG White-Blue	 White-Blue	18 AWG			30 in	
68	Wire	W151		18 AWG White-Green	 White-Green	18 AWG			30 in	
69	Wire	W152		18 AWG White-Red	 White-Red	18 AWG			30 in	
70	Wire	W153		18 AWG White-Black	 White-Black	18 AWG			30 in	
71	Wire	W154		22 AWG Yellow	 Yellow	22 AWG			46 in	
72	Wire	W155		22 AWG Yellow	 Yellow	22 AWG			9 in	
73	Wire	W156		22 AWG Yellow	 Yellow	22 AWG			0 in	
74	Wire	W157		22 AWG Yellow	 Yellow	22 AWG			21 in	
75	Wire	W162		22 AWG Yellow	 Yellow	22 AWG			15 in	
76	Wire	W164		22 AWG Blue	 Blue	22 AWG			30 in	
77	Wire	W165		22 AWG Blue	 Blue	22 AWG			30 in	
78	Wire	W166		22 AWG Violet	 Violet	22 AWG			5 in	
79	Wire	W167		22 AWG Violet	 Violet	22 AWG			5 in	
80	Wire	W168		22 AWG Violet	 Violet	22 AWG			5 in	
81	Wire	W169		22 AWG Black	 Black	22 AWG			5 in	
82	Wire	W170		22 AWG Black	 Black	22 AWG			5 in	










































Title:	----
Part Number:	2024 Front Harness
Description:	

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	From Strip	To Strip	Length	Twisted With
83	Wire	W171		22 AWG Black	 Black	22 AWG			5 in	
84	Wire	W176		22 AWG Green	 Green	22 AWG			46 in	
85	Wire	W177		22 AWG Green	 Green	22 AWG			9 in	
86	Wire	W178		22 AWG Green	 Green	22 AWG			0 in	
87	Wire	W179		22 AWG Green	 Green	22 AWG			15 in	
88	Wire	W180		22 AWG Brown	 Brown	22 AWG			28 in	
89	Wire	W181		22 AWG Brown	 Brown	22 AWG			28 in	
90	Wire	W182		22 AWG Brown	 Brown	22 AWG			28 in	
91	Wire	W183		18 AWG Black	 Black	18 AWG			30 in	
92	Wire	W184		18 AWG Black	 Black	18 AWG			9 in	
93	Wire	W185		22 AWG Green	 Green	22 AWG			21 in	
94	Wire	W186		22 AWG Pink	 Pink	22 AWG			49 in	
95	Wire	W187		22 AWG Pink	 Pink	22 AWG			70 in	
96	Wire	W190		22 AWG Pink	 Pink	22 AWG			≥ 4 in	
97	Wire	W191		22 AWG Pink	 Pink	22 AWG			83 in	





















Title:	----
Part Number:	2024 Front Harness
Description:	

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
0V_1	0V_2	 W135.Black-White	22 AWG Black - White		22 AWG	24 in		
0V_1	M150_A.N/C	 W132.Black-White	22 AWG Black - White		22 AWG	9 in		
0V_2	BRK_P_F.2	 W130.Black-White	22 AWG Black - White		22 AWG	16 in		
0V_2	BRK_P_R.2	 W129.Black-White	22 AWG Black - White		22 AWG	16 in		
0V_2	SHK_POT_FL.2	 W142.Black-White	22 AWG Black - White		22 AWG	50 in		
0V_2	SHK_POT_FR.2	 W144.Black-White	22 AWG Black - White		22 AWG	37 in		
0V_2	STR_ANG.2	 W131.Black-White	22 AWG Black - White		22 AWG	8 in		
0V_2	WHL_SPD_FL.2	 W128.Black-White	22 AWG Black - White		22 AWG	22 in		
0V_2	WHL_SPD_FR.2	 W134.Black-White	22 AWG Black - White		22 AWG	16 in		
5V_1	5V_2	 W110.Orange	22 AWG Orange		22 AWG	24 in		
5V_1	M150_A.N/C	 W124.Orange	22 AWG Orange		22 AWG	9 in		
5V_2	ARDUINO.N/C	 W112.Orange	22 AWG Orange		22 AWG	37 in		
5V_2	BRK_P_F.1	 W87.Orange	22 AWG Orange		22 AWG	16 in		
5V_2	BRK_P_R.1	 W88.Orange	22 AWG Orange		22 AWG	16 in		
5V_2	SHK_POT_FL.1	 W118.Orange	22 AWG Orange		22 AWG	50 in		
5V_2	SHK_POT_FR.1	 W125.Orange	22 AWG Orange		22 AWG	37 in		
5V_2	STR_ANG.1	 W89.Orange	22 AWG Orange		22 AWG	8 in		
5V_2	WHL_SPD_FL.N/C	 W86.Orange	22 AWG Orange		22 AWG	22 in		
5V_2	WHL_SPD_FR.1	 W119.Orange	22 AWG Orange		22 AWG	16 in		
12V_AUX	M150_C.N/C	 W16.Red	18 AWG Red		18 AWG	9 in		
ARDUINO.N/C	CAN_HI_2	 W179.Green	22 AWG Green		22 AWG	15 in		
ARDUINO.N/C	CAN_LO_2	 W162.Yellow	22 AWG Yellow		22 AWG	15 in		
AUX_R	SWT_PNL.1	 W166.Violet	22 AWG Violet		22 AWG	5 in		
AUX_W	SWT_PNL.2	 W169.Black	22 AWG Black		22 AWG	5 in		
BRK_P_F.3	M150_C.14	 W93.Pink	22 AWG Pink		22 AWG	49 in		
BRK_P_R.3	M150_C.15	 W94.Pink	22 AWG Pink		22 AWG	49 in		
BRL_F.N/C	0V_1	 W141.Black-White	22 AWG Black - White		22 AWG	21 in		
BRL_F.N/C	5V_1	 W114.Orange	22 AWG Orange		22 AWG	21 in		
BRL_F.N/C	12V_AUX	 W18.Red	18 AWG Red		18 AWG	21 in		
BRL_F.N/C	CAN_HI_1	 W185.Green	22 AWG Green		22 AWG	21 in		
BRL_F.N/C	CAN_LO_1	 W157.Yellow	22 AWG Yellow		22 AWG	21 in		
BRL_F.N/C	GND_1	 W20.Black	18 AWG Black		18 AWG	21 in		
BRL_F.N/C	M150_A.1	 W105.Pink	22 AWG Pink		22 AWG	30 in		TMAP_T
BRL_F.N/C	M150_A.2	 W101.Pink	22 AWG Pink		22 AWG	30 in		CLNT_T
BRL_F.N/C	M150_A.3	 W108.Pink	22 AWG Pink		22 AWG	30 in		EGT
BRL_F.N/C	M150_A.4	 W106.Pink	22 AWG Pink		22 AWG	30 in		FL_P
BRL_F.N/C	M150_A.5	 W103.Pink	22 AWG Pink		22 AWG	30 in		TPS
BRL_F.N/C	M150_A.6	 W153.White-Black	18 AWG White-Black		18 AWG	30 in		COIL_1
BRL_F.N/C	M150_A.7	 W152.White-Red	18 AWG White-Red		18 AWG	30 in		COIL_2
BRL_F.N/C	M150_A.8	 W151.White-Green	18 AWG White-Green		18 AWG	30 in		COIL_3
BRL_F.N/C	M150_A.9	 W150.White-Blue	18 AWG White-Blue		18 AWG	30 in		COIL_4

Title:	----
Part Number:	2024 Front Harness
Description:	

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
BRL_F.N/C	M150_A.17	 W100.Pink	22 AWG Pink		22 AWG	30 in		VHL_SPD
BRL_F.N/C	M150_A.24	 CBL3.Black	3 Wire 22 AWG shielded		22 AWG	30 in		MoTeC Battery Ground
BRL_F.N/C	M150_A.N/C	 CBL2.Black	2 Wire 22 AWG shielded		22 AWG	30 in		
BRL_F.N/C	M150_A.N/C	 CBL2.Brown	2 Wire 22 AWG shielded		22 AWG	30 in		
BRL_F.N/C	M150_A.N/C	 CBL3.Brown	3 Wire 22 AWG shielded		22 AWG	30 in		
BRL_F.N/C	M150_A.N/C	 CBL3.Red	3 Wire 22 AWG shielded		22 AWG	30 in		
BRL_F.N/C	M150_A.N/C	 CBL4.Black	3 Wire 22 AWG shielded		22 AWG	30 in		
BRL_F.N/C	M150_A.N/C	 CBL4.Brown	3 Wire 22 AWG shielded		22 AWG	30 in		
BRL_F.N/C	M150_A.N/C	 CBL4.Red	3 Wire 22 AWG shielded		22 AWG	30 in		
BRL_F.N/C	M150_A.N/C	 W164.Blue	22 AWG Blue		22 AWG	30 in		
BRL_F.N/C	M150_A.N/C	 W165.Blue	22 AWG Blue		22 AWG	30 in		
BRL_F.N/C	M150_B.3	 W96.Pink	22 AWG Pink		22 AWG	30 in		WHL_SPD_RL
BRL_F.N/C	M150_B.4	 W97.Pink	22 AWG Pink		22 AWG	30 in		WHL_SPD_RR
BRL_F.N/C	M150_B.8	 W149.Gray-Black	22 AWG Gray - Black Stripe		22 AWG	30 in		INJ_1
BRL_F.N/C	M150_B.9	 W148.Gray-Red	22 AWG Gray - Red Stripe		22 AWG	30 in		INJ_2
BRL_F.N/C	M150_B.10	 W104.Pink	22 AWG Pink		22 AWG	30 in		TMAP_P
BRL_F.N/C	M150_B.11	 W98.Pink	22 AWG Pink		22 AWG	30 in		SHK_POT_RL
BRL_F.N/C	M150_B.12	 W99.Pink	22 AWG Pink		22 AWG	30 in		SHK_POT_RR
BRL_F.N/C	M150_B.14	 W147.Gray-Green	22 AWG Gray - Green Stripe		22 AWG	30 in		INJ_3
BRL_F.N/C	M150_B.15	 W146.Gray-Blue	22 AWG Gray - Blue Stripe		22 AWG	30 in		INJ_4
BRL_F.N/C	M150_B.16	 W109.Pink	22 AWG Pink		22 AWG	30 in		AMB_P
BRL_F.N/C	M150_B.17	 W102.Pink	22 AWG Pink		22 AWG	30 in		OIL_P
BRL_F.N/C	M150_B.20	 W183.Black	18 AWG Black		18 AWG	30 in		BRAKE LIGHT TRIGGER
BRL_F.N/C	M150_D.2	 W107.Pink	22 AWG Pink		22 AWG	30 in		CMP
BRL_F.N/C	SWT.1	 W73.Violet	22 AWG Violet		22 AWG	79 in		KILL_SWT 12V
BRL_F.N/C	SWT.3	 W74.Violet	22 AWG Violet		22 AWG	79 in		STR_SWT 12V
BRL_F.N/C	SWT.5	 W75.Violet	22 AWG Violet		22 AWG	79 in		AUX_SWT 12V
CAN_HI_1	CAN_HI_2	 W176.Green	22 AWG Green		22 AWG	46 in		
CAN_HI_1	M150_B.N/C	 W177.Green	22 AWG Green		22 AWG	9 in		
CAN_HI_2	R1.POS	 W178.Green	22 AWG Green		22 AWG	0 in		
CAN_LO_1	CAN_LO_2	 W154.Yellow	22 AWG Yellow		22 AWG	46 in		
CAN_LO_1	M150_B.N/C	 W155.Yellow	22 AWG Yellow		22 AWG	9 in		
CAN_LO_2	R1.NEG	 W156.Yellow	22 AWG Yellow		22 AWG	0 in		
ETH.1	M150_D.23	 W48.Brown	22 AWG Brown		22 AWG	28 in		
ETH.2	M150_D.24	 W180.Brown	22 AWG Brown		22 AWG	28 in		
ETH.3	M150_D.26	 W181.Brown	22 AWG Brown		22 AWG	28 in		
ETH.4	M150_D.N/C	 W182.Brown	22 AWG Brown		22 AWG	28 in		
GND_1	GND_2	 W83.Black	22 AWG Black		22 AWG	24 in		
GND_2	ARDUINO.N/C	 W84.Black	22 AWG Black		22 AWG	37 in		
GND_2	INA_SWT.2	 W78.Black	22 AWG Black		22 AWG	42 in		
GND_2	SWT.4	 W76.Black	22 AWG Black		22 AWG	34 in		STR_SWT GROUND

Title:	----
Part Number:	2024 Front Harness
Description:	

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
GND_2	SWT.6	 W85.Black	22 AWG Black		22 AWG	34 in		AUX_SWT GROUND
KILL_B	SWT_PNL.4	 W170.Black	22 AWG Black		22 AWG	5 in		
KILL_W	SWT_PNL.3	 W167.Violet	22 AWG Violet		22 AWG	5 in		
M150_A.N/C	ACCEL.3	 W190.Pink	22 AWG Pink		22 AWG	≥ 4 in		Reverse splice
M150_C.16	SHK_POT_FL.3	 W191.Pink	22 AWG Pink		22 AWG	83 in		
M150_C.17	SHK_POT_FR.3	 W187.Pink	22 AWG Pink		22 AWG	70 in		
M150_C.N/C	GND_1	 W184.Black	18 AWG Black		18 AWG	9 in		
M150_D.8	WHL_SPD_FL.3	 W92.Pink	22 AWG Pink		22 AWG	55 in		
M150_D.9	WHL_SPD_FR.3	 W186.Pink	22 AWG Pink		22 AWG	49 in		
OTS.2	INA_SWT.1	 W77.Black	22 AWG Black		22 AWG	42 in		MUST ADD ~12" FOR PEDAL MOVING BACK
STR_ANG.3	M150_D.20	 W95.Pink	22 AWG Pink		22 AWG	41 in		
STR_SWT_B	SWT_PNL.6	 W171.Black	22 AWG Black		22 AWG	5 in		
STR_SWT_Y	SWT_PNL.5	 W168.Violet	22 AWG Violet		22 AWG	5 in		
SWT.2	OTS.1	 W82.Black	22 AWG Black		22 AWG	82 in		KILL_SWT GROUND
WHL_FL.1	WHL_FL1.1	 W1.Orange	22 AWG Orange		22 AWG	18 in		
WHL_FL.2	WHL_FL1.2	 W5.Black-White	22 AWG Black - White		22 AWG	18 in		
WHL_FL.3	WHL_FL1.3	 W3.Pink	22 AWG Pink		22 AWG	18 in		
WHL_FR.1	WHL_FR1.1	 W2.Orange	22 AWG Orange		22 AWG	18 in		
WHL_FR.2	WHL_FR1.2	 W6.Black-White	22 AWG Black - White		22 AWG	18 in		
WHL_FR.3	WHL_FR1.3	 W4.Pink	22 AWG Pink		22 AWG	18 in		