












































Title	---	Part Number	2024 Rear Harness
Description			Revision

	Name	Date
Drawn By	----	----
Eng Approved	----	----
Mfg Approved	----	----
QA	----	----












































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

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
0V_1	AMB_P.2	 W68.Black-White	22 AWG Black - White		22 AWG	24 in		
0V_1	FL_P.2	 W175.Black-White	22 AWG Black - White		22 AWG	30 in		
0V_1	OIL_P.2	 W173.Black-White	22 AWG Black - White		22 AWG	8 in		
0V_1	SHK_POT_RL.2	 W200.Black-White	22 AWG Black - White		22 AWG	≥ 18 in		
0V_1	SHK_POT_RR.2	 W170.Black-White	22 AWG Black - White		22 AWG	≥ 18 in		
0V_1	TMAP.2	 W177.Black-White	22 AWG Black - White		22 AWG	24 in		
0V_1	TPS.2	 W174.Black-White	22 AWG Black - White		22 AWG	40 in		
0V_1	V_SPD.2	 W172.Black-White	22 AWG Black - White		22 AWG	≥ 18 in		
0V_1	WHL_SPD_RL.2	 W195.Black-White	22 AWG Black - White		22 AWG	≥ 45 in		
0V_1	WHL_SPD_RR.2	 W171.Black-White	22 AWG Black - White		22 AWG	≥ 28 in		
0v_0	0V_1	 W7.Black-White	22 AWG Black - White		22 AWG	9 in		
0v_0	EGT_AMP.2	 W6.Black-White	22 AWG Black - White		22 AWG			
5V_0	5V_1	 W221.Orange	22 AWG Orange		22 AWG	9 in		
5V_0	EGT_AMP.1	 W34.Orange	22 AWG Orange		22 AWG			
5V_1	AMB_P.1	 W43.Orange	22 AWG Orange		22 AWG	24 in		
5V_1	CLNT_T.1	 W214.Orange	22 AWG Orange		22 AWG	≥ 18 in		
5V_1	FL_P.1	 W222.Orange	22 AWG Orange		22 AWG	30 in		
5V_1	OIL_P.1	 W216.Orange	22 AWG Orange		22 AWG	8 in		
5V_1	SHK_POT_RL.1	 W219.Orange	22 AWG Orange		22 AWG	≥ 18 in		
5V_1	SHK_POT_RR.1	 W213.Orange	22 AWG Orange		22 AWG	≥ 18 in		
5V_1	TMAP.1	 W217.Orange	22 AWG Orange		22 AWG	24 in		
5V_1	TPS.1	 W218.Orange	22 AWG Orange		22 AWG	40 in		
5V_1	V_SPD.1	 W215.Orange	22 AWG Orange		22 AWG	≥ 18 in		
5V_1	WHL_SPD_RL.1	 W210.Orange	22 AWG Orange		22 AWG	≥ 45 in		
5V_1	WHL_SPD_RR.1	 W211.Orange	22 AWG Orange		22 AWG	≥ 28 in		
12V_AUX	BRK_LGT.N/C	 W27.Red	18 AWG Red		18 AWG	≥ 18 in		BRAKE LIGHT 12V SUPPLY
12V_AUX	LTC_CAN.N/C	 W10.Red	18 AWG Red		18 AWG	21 in		LTC 12V SUPPLY
12V_AUX	RLY_BOX.N/C	 W247.Red	14 AWG Red		14 AWG	8 in		AUXILLARY 12V SUPPLY
12V_IGN_1	12V_IGN_2	 W1.Red	18 AWG Red		18 AWG	6 in		
12V_IGN_1	12V_IGN_3	 W24.Red	18 AWG Red		18 AWG	12 in		
12V_IGN_1	RLY_BOX.N/C	 W245.Red	14 AWG Red		14 AWG	8 in		IGNITION 12V SUPPLY
12V_IGN_2	COIL1.1	 W11.Red	18 AWG Red		18 AWG	14 in		
12V_IGN_2	COIL2.1	 W12.Red	18 AWG Red		18 AWG	14 in		
12V_IGN_2	COIL3.1	 W13.Red	18 AWG Red		18 AWG	11 in		
12V_IGN_2	COIL4.1	 W14.Red	18 AWG Red		18 AWG	8 in		
12V_IGN_3	INJ1.1	 W2.Red	22 AWG Red		22 AWG	14 in		
12V_IGN_3	INJ2.1	 W3.Red	22 AWG Red		22 AWG	14 in		
12V_IGN_3	INJ3.1	 W4.Red	22 AWG Red		22 AWG	11 in		
12V_IGN_3	INJ4.1	 W5.Red	22 AWG Red		22 AWG	8 in		
BRL_R.AA	RLY_BOX.N/C	 W23.Violet	22 AWG Violet		22 AWG	≥ 23 in		KILL/IGNITION SWITCH
BRL_R.BB	KNOCK.3	 CBL_KNOCK.Brown	3 Wire 22 AWG shielded		22 AWG	≥ 33 in		










































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

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
BRL_R.CC	KNOCK.1	 CBL_KNOCK.Red	3 Wire 22 AWG shielded		22 AWG	≥ 33 in		
BRL_R.DD	CKP.1	 CBL_CKP.Black	2 Wire 22 AWG shielded		22 AWG	≥ 23 in		
BRL_R.E	SHK_POT_RL.3	 W56.White	22 AWG White		22 AWG	≥ 33 in		
BRL_R.EE	CKP.2	 CBL_CKP.Brown	2 Wire 22 AWG shielded		22 AWG	≥ 23 in		
BRL_R.FF	CMP.2	 CBL_CMP.Black	2 Wire 22 AWG shielded		22 AWG	≥ 41 in		
BRL_R.GG	CMP.3	 CBL_CMP.Brown	2 Wire 22 AWG shielded		22 AWG	≥ 41 in		
BRL_R.H	V_SPD.3	 W60.White	22 AWG White		22 AWG	≥ 33 in		
BRL_R.HH	KNOCK.2	 CBL_KNOCK.Black	3 Wire 22 AWG shielded		22 AWG	≥ 33 in		
BRL_R.L	TPS.3	 W59.White	22 AWG White		22 AWG	≥ 55 in		
BRL_R.P	EGT_AMP.3	 W52.White	22 AWG White		22 AWG	≥ 6 in		
BRL_R.V	INJ4.2	 W234.Gray-Blue	22 AWG Gray - Blue Stripe		22 AWG	≥ 35 in		
BRL_R.W	INJ3.2	 W9.Gray-Violet	22 AWG Gray - Violet		22 AWG	≥ 38 in		
BRL_R.X	INJ2.2	 W232.Gray-Red	22 AWG Gray - Red Stripe		22 AWG	≥ 41 in		
BRL_R.Y	INJ1.2	 W231.Gray-Black	22 AWG Gray - Black Stripe		22 AWG	≥ 41 in		
BRL_R.Z	5V_0	 W49.Orange	22 AWG Orange		22 AWG	≥ 6 in		
BRL_R.a	SHK_POT_RR.3	 W53.White	22 AWG White		22 AWG	≥ 33 in		
BRL_R.b	WHL_SPD_RR.3	 W47.White	22 AWG White		22 AWG	≥ 43 in		
BRL_R.c	WHL_SPD_RL.3	 W61.White	22 AWG White		22 AWG	≥ 60 in		
BRL_R.d	CLNT_T.2	 W55.White	22 AWG White		22 AWG	≥ 33 in		
BRL_R.e	OIL_P.3	 W44.White	22 AWG White		22 AWG	≥ 23 in		
BRL_R.f	AMB_P.3	 W48.White	22 AWG White		22 AWG	≥ 39 in		
BRL_R.g	TMAP.4	 W42.White	22 AWG White		22 AWG	≥ 39 in		PRESSURE TEMPERATURE
BRL_R.h	TMAP.3	 W45.White	22 AWG White		22 AWG	≥ 39 in		
BRL_R.i	FL_P.3	 W41.White	22 AWG White		22 AWG	≥ 45 in		
BRL_R.j	COIL4.2	 W20.White-Blue	18 AWG White-Blue		18 AWG	≥ 29 in		
BRL_R.k	COIL3.2	 W37.White-Violet	18 AWG White - Violet		18 AWG	≥ 32 in		
BRL_R.m	COIL2.2	 W28.White-Red	18 AWG White-Red		18 AWG	≥ 35 in		
BRL_R.n	COIL1.2	 W29.White-Black	18 AWG White-Black		18 AWG	≥ 35 in		
BRL_R.p	RLY_BOX.N/C	 W65.Blue	22 AWG Blue		22 AWG	≥ 23 in		FUEL ECU SWITCHING FAN ECU SWITCHING
BRL_R.q	RLY_BOX.N/C	 W66.Blue	22 AWG Blue		22 AWG	≥ 23 in		
BRL_R.r	0v_0	 W176.Black-White	22 AWG Black - White		22 AWG	≥ 6 in		
BRL_R.s	BRK_LGT.N/C	 W35.Black	18 AWG Black		18 AWG	≥ 33 in		
BRL_R.t	GND	 W57.Black	14 AWG Black		14 AWG	≥ 6 in		
BRL_R.u	12V_AUX	 W246.Red	14 AWG Red		14 AWG	≥ 15 in		ECU 12V SUPPLY
BRL_R.v	CAN_HI	 W16.Green	22 AWG Green		22 AWG	≥ 6 in		
BRL_R.w	CAN_LO	 W21.Yellow	22 AWG Yellow		22 AWG	≥ 6 in		
BRL_R.x	N_IND.1	 W40.White	22 AWG White		22 AWG	≥ 15 in		
BRL_R.y	RLY_BOX.N/C	 W25.Violet	22 AWG Violet		22 AWG	≥ 23 in		STARTER SWITCH AUXILLARY SWITCH
BRL_R.z	RLY_BOX.N/C	 W26.Violet	22 AWG Violet		22 AWG	≥ 23 in		
CAN_HI	CAN_R.POS	 W17.Green	22 AWG Green		22 AWG	0 in		
CAN_LO	CAN_R.NEG	 W18.Yellow	22 AWG Yellow		22 AWG	0 in		










































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

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
CAN_LO	LTC_CAN.2	 W19.Yellow	22 AWG Yellow		22 AWG	12 in		
CKP.N/C	DRAIN	 CBL_CKP.Shield	2 Wire 22 AWG shielded			23 in		
CMP.N/C	DRAIN	 CBL_CMP.Shield	2 Wire 22 AWG shielded			41 in		
DRAIN	GND	 W36.Black	22 AWG Black		22 AWG	6 in		
GND	EGT_AMP.4	 W22.Black	22 AWG Black		22 AWG			
GND	FAN.2	 W62.Black	14 AWG Black		14 AWG	36 in		
GND	FL_PMP.2	 W58.Black	14 AWG Black		14 AWG	12 in		
GND_SWT	GND	 W64.Black	10 AWG Black		10 AWG	≥ 9 in		
KNOCK.N/C	DRAIN	 CBL_KNOCK.Shield	3 Wire 22 AWG shielded			≥ 33 in		
LTC_CAN.1	CAN_HI	 W15.Green	22 AWG Green		22 AWG	12 in		CAN_HI
LTC_CAN.N/C	GND	 W119.Black	18 AWG Black		18 AWG	12 in		
RLY_BOX.N/C	FAN.1	 W50.Red	14 AWG Red		14 AWG	53 in		FAN 12V SUPPLY
RLY_BOX.N/C	FL_PMP.1	 W54.Red	14 AWG Red		14 AWG	29 in		FUEL PUMP 12V SUPPLY
WHL_RL.1	WHL_RL1.1	 W33.Orange	22 AWG Orange		22 AWG	12 in		
WHL_RL.2	WHL_RL1.2	 W31.Black-White	22 AWG Black - White		22 AWG	12 in		
WHL_RL.3	WHL_RL1.3	 W39.White	22 AWG White		22 AWG	12 in		
WHL_RR.1	WHL_RR1.1	 W32.Orange	22 AWG Orange		22 AWG	12 in		
WHL_RR.2	WHL_RR1.2	 W30.Black-White	22 AWG Black - White		22 AWG	12 in		
WHL_RR.3	WHL_RR1.3	 W38.White	22 AWG White		22 AWG	12 in		













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

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	From Strip	To Strip	Length	Twisted With
1	Cable	CBL_CKP		2 Wire 22 AWG shielded	 White				≥ 23 in	
2	Cable	CBL_CMP		2 Wire 22 AWG shielded	 White				≥ 41 in	
3	Cable	CBL_KNOCK		3 Wire 22 AWG shielded	 White				≥ 33 in	
4	Wire	W1		18 AWG Red	 Red	18 AWG			6 in	
5	Wire	W2		22 AWG Red	 Red	22 AWG			14 in	
6	Wire	W3		22 AWG Red	 Red	22 AWG			14 in	
7	Wire	W4		22 AWG Red	 Red	22 AWG			11 in	
8	Wire	W5		22 AWG Red	 Red	22 AWG			8 in	
9	Wire	W6		22 AWG Black - White	 Black-White	22 AWG				
10	Wire	W7		22 AWG Black - White	 Black-White	22 AWG			9 in	
11	Wire	W9		22 AWG Gray - Violet	 Gray-Violet	22 AWG			≥ 38 in	
12	Wire	W10		18 AWG Red	 Red	18 AWG			21 in	
13	Wire	W11		18 AWG Red	 Red	18 AWG			14 in	
14	Wire	W12		18 AWG Red	 Red	18 AWG			14 in	
15	Wire	W13		18 AWG Red	 Red	18 AWG			11 in	
16	Wire	W14		18 AWG Red	 Red	18 AWG			8 in	
17	Wire	W15		22 AWG Green	 Green	22 AWG			12 in	
18	Wire	W16		22 AWG Green	 Green	22 AWG			≥ 6 in	
19	Wire	W17		22 AWG Green	 Green	22 AWG			0 in	
20	Wire	W18		22 AWG Yellow	 Yellow	22 AWG			0 in	
21	Wire	W19		22 AWG Yellow	 Yellow	22 AWG			12 in	
22	Wire	W20		18 AWG White-Blue	 White-Blue	18 AWG			≥ 29 in	
23	Wire	W21		22 AWG Yellow	 Yellow	22 AWG			≥ 6 in	
24	Wire	W22		22 AWG Black	 Black	22 AWG				
25	Wire	W23		22 AWG Violet	 Violet	22 AWG			≥ 23 in	
26	Wire	W24		18 AWG Red	 Red	18 AWG			12 in	
27	Wire	W25		22 AWG Violet	 Violet	22 AWG			≥ 23 in	
28	Wire	W26		22 AWG Violet	 Violet	22 AWG			≥ 23 in	
29	Wire	W27		18 AWG Red	 Red	18 AWG			≥ 18 in	
30	Wire	W28		18 AWG White-Red	 White-Red	18 AWG			≥ 35 in	
31	Wire	W29		18 AWG White-Black	 White-Black	18 AWG			≥ 35 in	
32	Wire	W30		22 AWG Black - White	 Black-White	22 AWG			12 in	
33	Wire	W31		22 AWG Black - White	 Black-White	22 AWG			12 in	
34	Wire	W32		22 AWG Orange	 Orange	22 AWG			12 in	
35	Wire	W33		22 AWG Orange	 Orange	22 AWG			12 in	
36	Wire	W34		22 AWG Orange	 Orange	22 AWG				
37	Wire	W35		18 AWG Black	 Black	18 AWG			≥ 33 in	
38	Wire	W36		22 AWG Black	 Black	22 AWG			6 in	
39	Wire	W37		18 AWG White - Violet	 White-Violet	18 AWG			≥ 32 in	
40	Wire	W38		22 AWG White	 White	22 AWG			12 in	
41	Wire	W39		22 AWG White	 White	22 AWG			12 in	

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

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	From Strip	To Strip	Length	Twisted With
42	Wire	W40		22 AWG White	 White	22 AWG			≥ 15 in	
43	Wire	W41		22 AWG White	 White	22 AWG			≥ 45 in	
44	Wire	W42		22 AWG White	 White	22 AWG			≥ 39 in	
45	Wire	W43		22 AWG Orange	 Orange	22 AWG			24 in	
46	Wire	W44		22 AWG White	 White	22 AWG			≥ 23 in	
47	Wire	W45		22 AWG White	 White	22 AWG			≥ 39 in	
48	Wire	W47		22 AWG White	 White	22 AWG			≥ 43 in	
49	Wire	W48		22 AWG White	 White	22 AWG			≥ 39 in	
50	Wire	W49		22 AWG Orange	 Orange	22 AWG			≥ 6 in	
51	Wire	W50		14 AWG Red	 Red	14 AWG			53 in	
52	Wire	W52		22 AWG White	 White	22 AWG			≥ 6 in	
53	Wire	W53		22 AWG White	 White	22 AWG			≥ 33 in	
54	Wire	W54		14 AWG Red	 Red	14 AWG			29 in	
55	Wire	W55		22 AWG White	 White	22 AWG			≥ 33 in	
56	Wire	W56		22 AWG White	 White	22 AWG			≥ 33 in	
57	Wire	W57		14 AWG Black	 Black	14 AWG			≥ 6 in	
58	Wire	W58		14 AWG Black	 Black	14 AWG			12 in	
59	Wire	W59		22 AWG White	 White	22 AWG			≥ 55 in	
60	Wire	W60		22 AWG White	 White	22 AWG			≥ 33 in	
61	Wire	W61		22 AWG White	 White	22 AWG			≥ 60 in	
62	Wire	W62		14 AWG Black	 Black	14 AWG			36 in	
63	Wire	W64		10 AWG Black	 Black	10 AWG			≥ 9 in	
64	Wire	W65		22 AWG Blue	 Blue	22 AWG			≥ 23 in	
65	Wire	W66		22 AWG Blue	 Blue	22 AWG			≥ 23 in	
66	Wire	W68		22 AWG Black - White	 Black-White	22 AWG			24 in	
67	Wire	W119		18 AWG Black	 Black	18 AWG			12 in	
68	Wire	W170		22 AWG Black - White	 Black-White	22 AWG			≥ 18 in	
69	Wire	W171		22 AWG Black - White	 Black-White	22 AWG			≥ 28 in	
70	Wire	W172		22 AWG Black - White	 Black-White	22 AWG			≥ 18 in	
71	Wire	W173		22 AWG Black - White	 Black-White	22 AWG			8 in	
72	Wire	W174		22 AWG Black - White	 Black-White	22 AWG			40 in	
73	Wire	W175		22 AWG Black - White	 Black-White	22 AWG			30 in	
74	Wire	W176		22 AWG Black - White	 Black-White	22 AWG			≥ 6 in	
75	Wire	W177		22 AWG Black - White	 Black-White	22 AWG			24 in	
76	Wire	W195		22 AWG Black - White	 Black-White	22 AWG			≥ 45 in	
77	Wire	W200		22 AWG Black - White	 Black-White	22 AWG			≥ 18 in	
78	Wire	W210		22 AWG Orange	 Orange	22 AWG			≥ 45 in	
79	Wire	W211		22 AWG Orange	 Orange	22 AWG			≥ 28 in	
80	Wire	W213		22 AWG Orange	 Orange	22 AWG			≥ 18 in	
81	Wire	W214		22 AWG Orange	 Orange	22 AWG			≥ 18 in	
82	Wire	W215		22 AWG Orange	 Orange	22 AWG			≥ 18 in	

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

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	From Strip	To Strip	Length	Twisted With
83	Wire	W216		22 AWG Orange	 Orange	22 AWG			8 in	
84	Wire	W217		22 AWG Orange	 Orange	22 AWG			24 in	
85	Wire	W218		22 AWG Orange	 Orange	22 AWG			40 in	
86	Wire	W219		22 AWG Orange	 Orange	22 AWG			≥ 18 in	
87	Wire	W221		22 AWG Orange	 Orange	22 AWG			9 in	
88	Wire	W222		22 AWG Orange	 Orange	22 AWG			30 in	
89	Wire	W231		22 AWG Gray - Black Stripe	 Gray-Black	22 AWG			≥ 41 in	
90	Wire	W232		22 AWG Gray - Red Stripe	 Gray-Red	22 AWG			≥ 41 in	
91	Wire	W234		22 AWG Gray - Blue Stripe	 Gray-Blue	22 AWG			≥ 35 in	
92	Wire	W245		14 AWG Red	 Red	14 AWG			8 in	
93	Wire	W246		14 AWG Red	 Red	14 AWG			≥ 15 in	
94	Wire	W247		14 AWG Red	 Red	14 AWG			8 in	