







































































To	Color	Gauge	Cavity
KNOCK.2		22 AWG	AA
KNOCK.3		22 AWG	BB
KNOCK.1		22 AWG	CC
CKP.1		22 AWG	DD
SHK_POT_RL.3		22 AWG	E
CKP.2		22 AWG	EE
SHK_POT_RR.3		22 AWG	F
CMP.2		22 AWG	FF
CMP.3		22 AWG	GG
V_SPD.3		22 AWG	H
CMP.1		22 AWG	HH
TPS.3		22 AWG	L
EGT.2		22 AWG	P
INJ4.2		22 AWG	V
INJ3.2		22 AWG	W
INJ2.2		22 AWG	X
INJ1.2		22 AWG	Y
5V_1		22 AWG	Z
WHL_SPD_RL.3		22 AWG	a
WHL_SPD_RR.3		22 AWG	b
N_IND.1		22 AWG	c
CLNT_T.2		22 AWG	d
OIL_P.3		22 AWG	e
AMB_P.3		22 AWG	f
TMAP.4		22 AWG	g
TMAP.3		22 AWG	h
FL_P.3		22 AWG	i
COIL4.2		18 AWG	j
COIL3.2		18 AWG	k
COIL2.2		18 AWG	m
COIL1.2		18 AWG	n
RLY_BOX.N/C		22 AWG	p
RLY_BOX.N/C		22 AWG	q
0V_1		22 AWG	r
BRK_LGT.N/C		18 AWG	s
GND		14 AWG	t
12V_AUX		14 AWG	u
CAN_HI		22 AWG	v
CAN_LO		22 AWG	w
RLY_BOX.N/C		22 AWG	x
RLY_BOX.N/C		22 AWG	y
RLY_BOX.N/C		22 AWG	z











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

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	From Strip	To Strip	Length	Twisted With
1	Cable	CBL1		LAMBDA CABLE	 Blue				0 in	
2	Cable	CBL9		2 Wire 22 AWG shielded	 White				23 in	
3	Cable	CBL12		3 Wire 22 AWG shielded	 White				≥ 33 in	
4	Cable	CBL14		3 Wire 22 AWG shielded	 White				41 in	
5	Wire	W1		18 AWG Red	 Red	18 AWG			6 in	
6	Wire	W2		22 AWG Red	 Red	22 AWG			14 in	
7	Wire	W3		22 AWG Red	 Red	22 AWG			14 in	
8	Wire	W4		22 AWG Red	 Red	22 AWG			11 in	
9	Wire	W5		22 AWG Red	 Red	22 AWG			8 in	
10	Wire	W9		22 AWG Gray - Violet	 Gray-Violet	22 AWG			38 in	
11	Wire	W10		18 AWG Red	 Red	18 AWG			21 in	
12	Wire	W11		18 AWG Red	 Red	18 AWG			14 in	
13	Wire	W12		18 AWG Red	 Red	18 AWG			14 in	
14	Wire	W13		18 AWG Red	 Red	18 AWG			11 in	
15	Wire	W14		18 AWG Red	 Red	18 AWG			8 in	
16	Wire	W15		22 AWG Green	 Green	22 AWG			12 in	
17	Wire	W16		22 AWG Green	 Green	22 AWG			6 in	
18	Wire	W17		22 AWG Green	 Green	22 AWG			0 in	
19	Wire	W18		22 AWG Yellow	 Yellow	22 AWG			0 in	
20	Wire	W19		22 AWG Yellow	 Yellow	22 AWG			12 in	
21	Wire	W20		18 AWG White-Blue	 White-Blue	18 AWG			29 in	
22	Wire	W21		22 AWG Yellow	 Yellow	22 AWG			6 in	
23	Wire	W23		22 AWG Violet	 Violet	22 AWG			23 in	
24	Wire	W24		18 AWG Red	 Red	18 AWG			12 in	
25	Wire	W25		22 AWG Violet	 Violet	22 AWG			23 in	
26	Wire	W26		22 AWG Violet	 Violet	22 AWG			23 in	
27	Wire	W27		18 AWG Red	 Red	18 AWG			≥ 18 in	
28	Wire	W28		18 AWG White-Red	 White-Red	18 AWG			35 in	
29	Wire	W29		18 AWG White-Black	 White-Black	18 AWG			35 in	
30	Wire	W30		22 AWG Black - White	 Black-White	22 AWG			12 in	
31	Wire	W31		22 AWG Black - White	 Black-White	22 AWG			12 in	
32	Wire	W32		22 AWG Orange	 Orange	22 AWG			12 in	
33	Wire	W33		22 AWG Orange	 Orange	22 AWG			12 in	
34	Wire	W35		18 AWG Black	 Black	18 AWG			≥ 33 in	
35	Wire	W37		18 AWG White - Violet	 White-Violet	18 AWG			32 in	
36	Wire	W38		22 AWG White	 White	22 AWG			12 in	
37	Wire	W39		22 AWG White	 White	22 AWG			12 in	
38	Wire	W40		22 AWG White	 White	22 AWG			≥ 15 in	
39	Wire	W41		22 AWG White	 White	22 AWG			45 in	
40	Wire	W42		22 AWG White	 White	22 AWG			39 in	
41	Wire	W43		22 AWG Orange	 Orange	22 AWG			24 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	W44		22 AWG White	 White	22 AWG			23 in	
43	Wire	W45		22 AWG White	 White	22 AWG			39 in	
44	Wire	W47		22 AWG White	 White	22 AWG			≥ 43 in	
45	Wire	W48		22 AWG White	 White	22 AWG			39 in	
46	Wire	W49		22 AWG Orange	 Orange	22 AWG			15 in	
47	Wire	W50		14 AWG Red	 Red	14 AWG			53 in	
48	Wire	W52		22 AWG White	 White	22 AWG			33 in	
49	Wire	W53		22 AWG White	 White	22 AWG			≥ 33 in	
50	Wire	W54		14 AWG Red	 Red	14 AWG			29 in	
51	Wire	W55		22 AWG White	 White	22 AWG			≥ 33 in	
52	Wire	W56		22 AWG White	 White	22 AWG			≥ 33 in	
53	Wire	W57		14 AWG Black	 Black	14 AWG			15 in	
54	Wire	W58		14 AWG Black	 Black	14 AWG			21 in	
55	Wire	W59		22 AWG White	 White	22 AWG			55 in	
56	Wire	W60		22 AWG White	 White	22 AWG			≥ 33 in	
57	Wire	W61		22 AWG White	 White	22 AWG			≥ 60 in	
58	Wire	W62		14 AWG Black	 Black	14 AWG			45 in	
59	Wire	W64		10 AWG Black	 Black	10 AWG			8 in	
60	Wire	W65		22 AWG Blue	 Blue	22 AWG			23 in	
61	Wire	W66		22 AWG Blue	 Blue	22 AWG			23 in	
62	Wire	W68		22 AWG Black - White	 Black-White	22 AWG			24 in	
63	Wire	W119		18 AWG Black	 Black	18 AWG			21 in	
64	Wire	W170		22 AWG Black - White	 Black-White	22 AWG			≥ 18 in	
65	Wire	W171		22 AWG Black - White	 Black-White	22 AWG			≥ 28 in	
66	Wire	W172		22 AWG Black - White	 Black-White	22 AWG			≥ 18 in	
67	Wire	W173		22 AWG Black - White	 Black-White	22 AWG			8 in	
68	Wire	W174		22 AWG Black - White	 Black-White	22 AWG			40 in	
69	Wire	W175		22 AWG Black - White	 Black-White	22 AWG			30 in	
70	Wire	W176		22 AWG Black - White	 Black-White	22 AWG			15 in	
71	Wire	W177		22 AWG Black - White	 Black-White	22 AWG			24 in	
72	Wire	W195		22 AWG Black - White	 Black-White	22 AWG			≥ 45 in	
73	Wire	W200		22 AWG Black - White	 Black-White	22 AWG			≥ 18 in	
74	Wire	W210		22 AWG Orange	 Orange	22 AWG			≥ 45 in	
75	Wire	W211		22 AWG Orange	 Orange	22 AWG			≥ 28 in	
76	Wire	W213		22 AWG Orange	 Orange	22 AWG			≥ 18 in	
77	Wire	W214		22 AWG Orange	 Orange	22 AWG			≥ 18 in	
78	Wire	W215		22 AWG Orange	 Orange	22 AWG			≥ 18 in	
79	Wire	W216		22 AWG Orange	 Orange	22 AWG			8 in	
80	Wire	W217		22 AWG Orange	 Orange	22 AWG			24 in	
81	Wire	W218		22 AWG Orange	 Orange	22 AWG			40 in	
82	Wire	W219		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	W221		22 AWG Orange	 Orange	22 AWG			18 in	
84	Wire	W222		22 AWG Orange	 Orange	22 AWG			30 in	
85	Wire	W231		22 AWG Gray - Black Stripe	 Gray-Black	22 AWG			41 in	
86	Wire	W232		22 AWG Gray - Red Stripe	 Gray-Red	22 AWG			41 in	
87	Wire	W234		22 AWG Gray - Blue Stripe	 Gray-Blue	22 AWG			35 in	
88	Wire	W245		14 AWG Red	 Red	14 AWG			8 in	
89	Wire	W246		14 AWG Red	 Red	14 AWG			15 in	
90	Wire	W247		14 AWG Red	 Red	14 AWG			8 in	

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		
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	EGT.1	 W221.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	KNOCK.2	 CBL12.Black	3 Wire 22 AWG shielded		22 AWG	≥ 33 in		
BRL_R.BB	KNOCK.3	 CBL12.Brown	3 Wire 22 AWG shielded		22 AWG	≥ 33 in		
BRL_R.CC	KNOCK.1	 CBL12.Red	3 Wire 22 AWG shielded		22 AWG	≥ 33 in		
BRL_R.DD	CKP.1	 CBL9.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		

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

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
BRL_R.EE	CKP.2	 CBL9.Brown	2 Wire 22 AWG shielded		22 AWG	23 in		
BRL_R.F	SHK_POT_RR.3	 W53.White	22 AWG White		22 AWG	≥ 33 in		
BRL_R.FF	CMP.2	 CBL14.Black	3 Wire 22 AWG shielded		22 AWG	41 in		
BRL_R.GG	CMP.3	 CBL14.Brown	3 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	CMP.1	 CBL14.Red	3 Wire 22 AWG shielded		22 AWG	41 in		
BRL_R.L	TPS.3	 W59.White	22 AWG White		22 AWG	55 in		
BRL_R.P	EGT.2	 W52.White	22 AWG White		22 AWG	33 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_1	 W49.Orange	22 AWG Orange		22 AWG	15 in		
BRL_R.a	WHL_SPD_RL.3	 W61.White	22 AWG White		22 AWG	≥ 60 in		
BRL_R.b	WHL_SPD_RR.3	 W47.White	22 AWG White		22 AWG	≥ 43 in		
BRL_R.c	N_IND.1	 W40.White	22 AWG White		22 AWG	≥ 15 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		
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
BRL_R.q	RLY_BOX.N/C	 W66.Blue	22 AWG Blue		22 AWG	23 in		FAN ECU SWITCHING
BRL_R.r	0V_1	 W176.Black-White	22 AWG Black - White		22 AWG	15 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	15 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	RLY_BOX.N/C	 W23.Violet	22 AWG Violet		22 AWG	23 in		KILL/IGNITION SWITCH
BRL_R.y	RLY_BOX.N/C	 W25.Violet	22 AWG Violet		22 AWG	23 in		STARTER SWITCH
BRL_R.z	RLY_BOX.N/C	 W26.Violet	22 AWG Violet		22 AWG	23 in		AUXILLARY SWITCH
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		
CAN_LO	LTC_CAN.2	 W19.Yellow	22 AWG Yellow		22 AWG	12 in		
GND	FAN.2	 W62.Black	14 AWG Black		14 AWG	45 in		

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

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
GND	FL_PMP.2	 W58.Black	14 AWG Black		14 AWG	21 in		
GND_SWT	GND	 W64.Black	10 AWG Black		10 AWG	8 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	21 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		