

Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2023 Jeep Grand Cherokee L Service and Repair Manual

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YOUR CURRENT VEHICLE

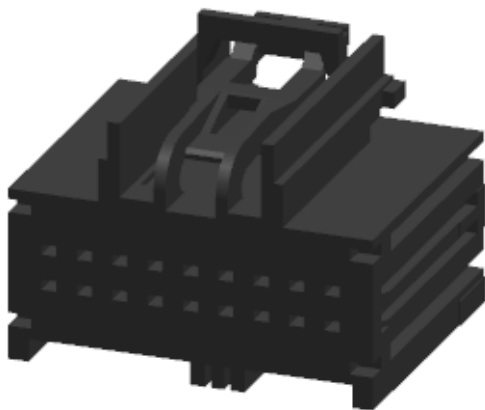
Module-Park Assist C1

MODULE-PARK ASSIST C1

MODULE No:D3867A		Option:Standard
Connector Details		Harness Family
Color	BLACK	
Part Number	7283-9110-30	Body
Repair Kit Part Number	Terminal Kits Only	Body
Part Description	KAIZEN CONNECTOR ASSEMBLY W/O CPA	Body
Cavity Count	20	Body
Location View	Location View	Body

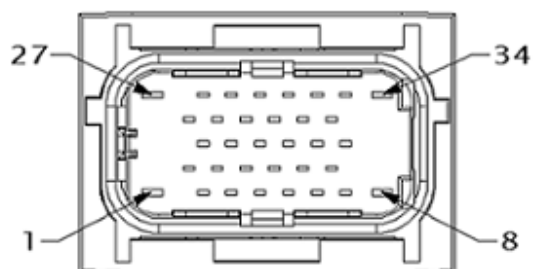
Pin	Cicuit	Cicuit Function	Color	Gauge/Size	Option
Body					
1	N0	NO CONNECT	NA	0	
2	D283	CAN FD (-)	BG	0.35	
3	D282	CAN FD (+)	VT	0.35	
4	N0	NO CONNECT	NA	0	
5	N0	NO CONNECT	NA	0	

Connector Views

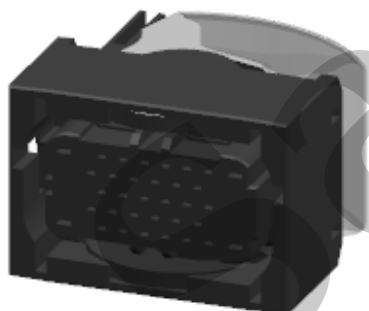


Wire Insertion Side:

Connector Views



Isometric View:



Wire Insertion Side:

YOUR CURRENT VEHICLE

Module-Power Inverter C2

MODULE-POWER INVERTER C2

MODULE No:D2980B		Option:Standard
Connector Details		Harness Family
Color	BLACK	
Part Number	35211649_35401373	UNDERBODY
Repair Kit Part Number		UNDERBODY
Part Description		UNDERBODY
Cavity Count	66	UNDERBODY
Location View	Location View	UNDERBODY

Connector Views
Mating Side:

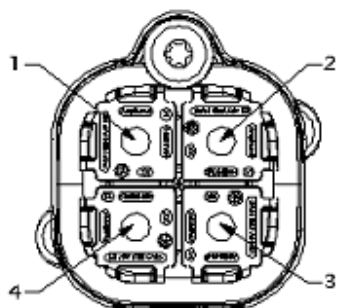
Pin	Circuit	Circuit Function	Color	Gauge/Size	Option
33	H385	COOLANT TEMP SENSE 3	GY	0.75	
34	N0	NO CONNECT	NA	0	
35	N373	RADIATOR FAN CONTROL SIGNAL	VT	0.35	
36	N0	NO CONNECT	NA	0	
37	N0	NO CONNECT	NA	0	
38	N0	NO CONNECT	NA	0	
39	F925	FUSED IGNITION	PK	0.35	
40	H451	CHARGE PORT DOOR LOCK	BG	0.35	
41	T347	HIGH VOLTAGE INTERLOCK SAFETY LOOP 3	YE	0.35	
42	D211	CAN C (-) - EPT	WH	0.35	
43	D391	PRIVATE CAN FD (-)	BG	0.35	
44	N0	NO CONNECT	NA	0	
45	N0	NO CONNECT	NA	0	
46	H453	CHARGE PORT LOCK SWITCH SENSE	BG	0.35	
47	T380	CRANK REPLICATION SIGNAL	DG	0.35	
48	N0	NO CONNECT	NA	0	
49	H130	SHUT OFF VALVE CONTROL	VT	0.35	
50	N0	NO CONNECT	NA	0	
51	N0	NO CONNECT	NA	0	
52	F942	FUSED IGNITION	PK	0.35	
53	Z935	GROUND	BK	1.0	
54	D210	CAN C (+) - EPT	WH	0.35	

Connector Views



Wire Insertion Side:

Connector Views



Pin	Circuit	Circuit Function	Color	Gauge/Size	Option
HV_PIM_TO_EAC_ECH					
1	H306	300V (+) ELECTRIC A/C COMPRESSOR	OG	4.0	
2	H307	300V (-) ELECTRIC A/C COMPRESSOR (EAC)	OG	4.0	
3	H448	HIGH VOLTAGE DC 300V (-)	OG	4.0	
4	H447	HIGH VOLTAGE DC 300V (+)	OG	4.0	

YOUR CURRENT VEHICLE

Module-Power Inverter C6

MODULE-POWER INVERTER C6

MODULE No:D2980F		Option:Standard
Connector Details		Harness Family
Color	ORANGE	
Part Number	C390_3I03_BH22_2025	HV_INVERTER_TO_MOTOR_P2
Repair Kit Part Number		HV_INVERTER_TO_MOTOR_P2
Part Description		HV_INVERTER_TO_MOTOR_P2
Cavity Count	5	HV_INVERTER_TO_MOTOR_P2
Location View	GRAND CHEROKEE (WL)	HV_INVERTER_TO_MOTOR_P2

Connector Views

Mating Side:

Connector Views

Mating Side:

Pin	Circuit	Circuit Function	Color	Gauge/Size	Option
6	Q93	MOTOR (-)	BG	0.35	
7	Q92	MOTOR (+)	BG	0.35	
8	Q78	SIGNAL	OG	0.35	
9	Q75	SIGNAL	OG	0.35	
10	T823	TRS PARK SIGNAL	DG	0.35	
11	D368	CAN IHS (+)	DB	0.35	MASSAGING SEATS
12	D367	CAN IHS (-)	WH	0.35	MASSAGING SEATS
13	Z924	GROUND	BK	2.0	
14	G78	AJAR SIGNAL	VT	0.35	
15	Q73	POSITION SIGNAL	OG	0.35	
16	Q79	SENSE SIGNAL	OG	0.35	
17	Q60	SECONDARY LATCH SIGNAL	OG	0.35	
18	Q74	CINCH DRIVER	OG	0.35	
19	Q901	LOGIC GROUND	OG	0.35	
20	Q204	POSITION SIGNAL 1	OG	0.35	
21	Q205	POSITION SIGNAL 2	OG	0.35	
22	Q203	POWER SUPPLY	OG	0.35	
23	D368	CAN IHS (+)	DB	0.35	
24	D367	CAN IHS (-)	WH	0.35	
25	Q89	MOTOR (CLOSE)	BG	2.0	
26	N0	NO CONNECT	NA	0	
27	N0	NO CONNECT	NA	0	