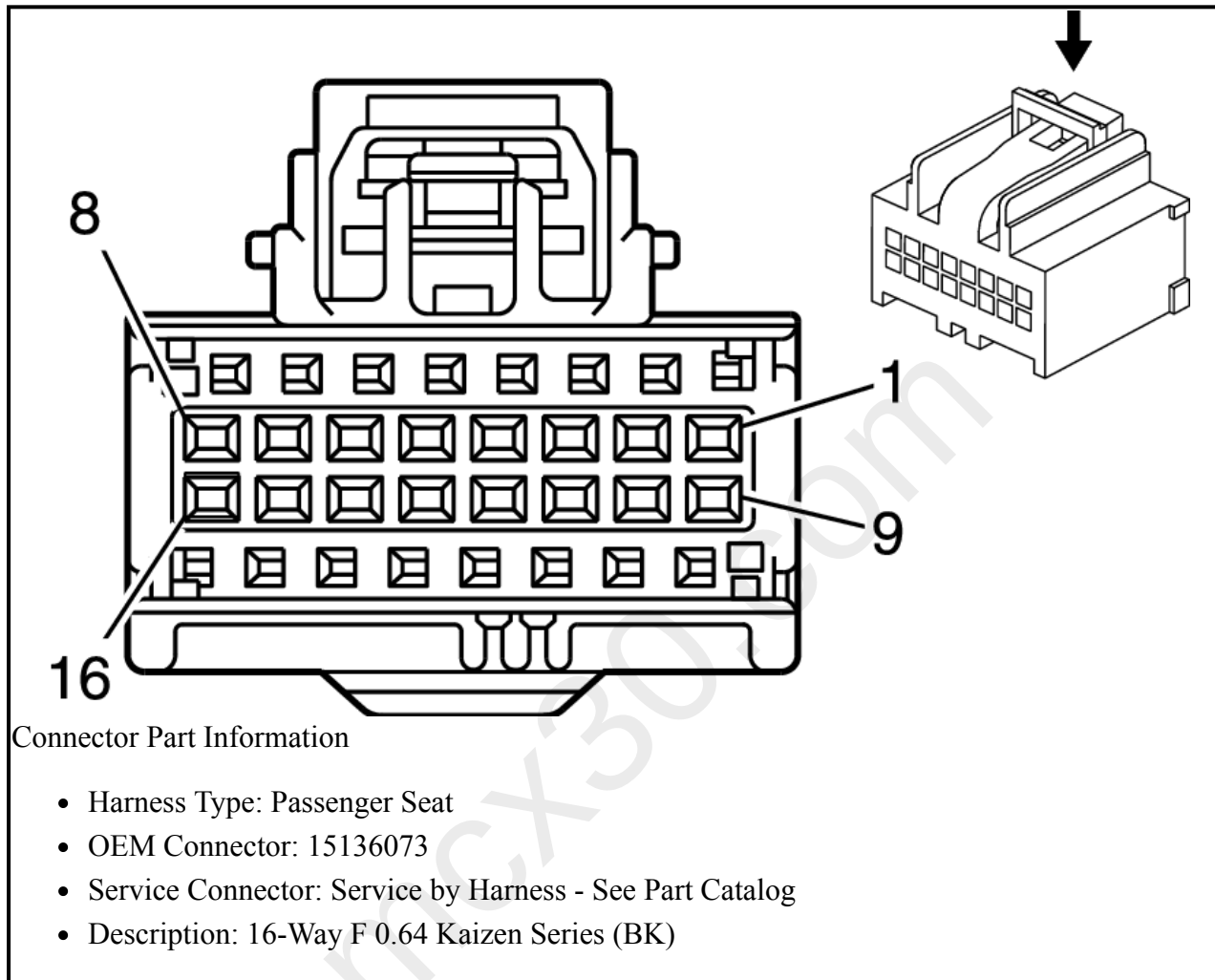


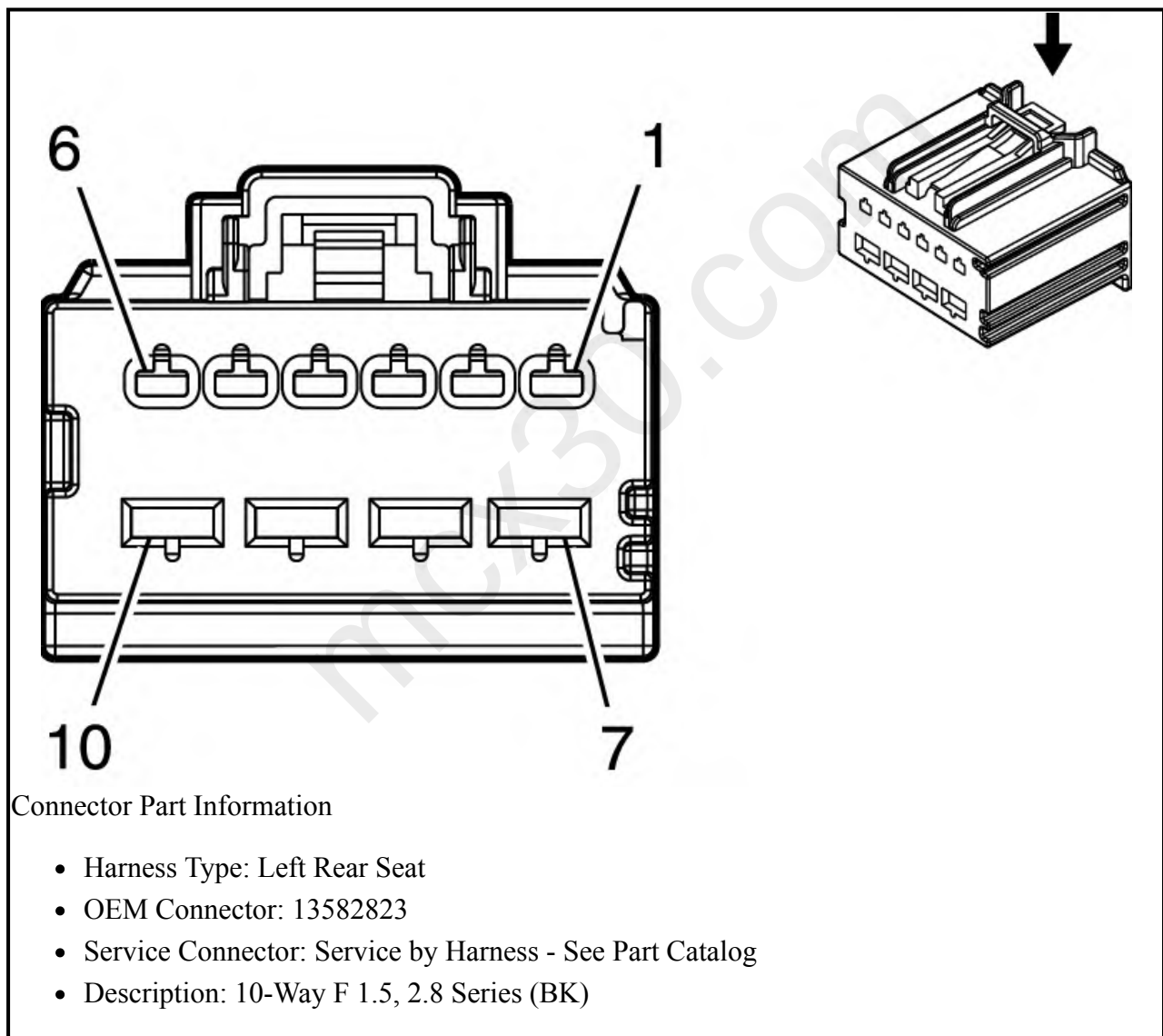
2018 ELECTRICAL**Component Connector End Views (K29 - K84) - Traverse****COMPONENT CONNECTOR END VIEWS****K29 SEAT HEATING CONTROL MODULE X2 (KA1)****Terminal Part Information**

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK/YE	2080	Driver Heated Seat NTC Low Reference	I	-
2	0.35	BK/GY	2435	Passenger Heated Seat NTC Low Reference	I	-
3	0.35	BU	2425	Driver Heated Back NTC Signal	I	-
4	0.35	WH/BU	2436	Passenger Heated Back NTC Signal	I	-
5	0.35	WH/GY	2434	Passenger Heated Seat NTC Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	0.35	YE/GY	2079	Driver Heated Seat NTC Signal	I	-
7	-	-	-	Not Occupied	-	-
8	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-
9	0.35	GN/VT	5906	Driver Seat Vent Motor Control 1	I	-
10	0.5	VT/WH	5908	Passenger Seat Vent Motor Control 1	I	-
11	-	-	-	Not Occupied	-	-
12	0.35	BK/GN	2482	Passenger Heated Back NTC Low Reference	I	-
13 - 16	-	-	-	Not Occupied	-	-

K29R SEAT HEATING CONTROL MODULE - REAR X1 (KA6)



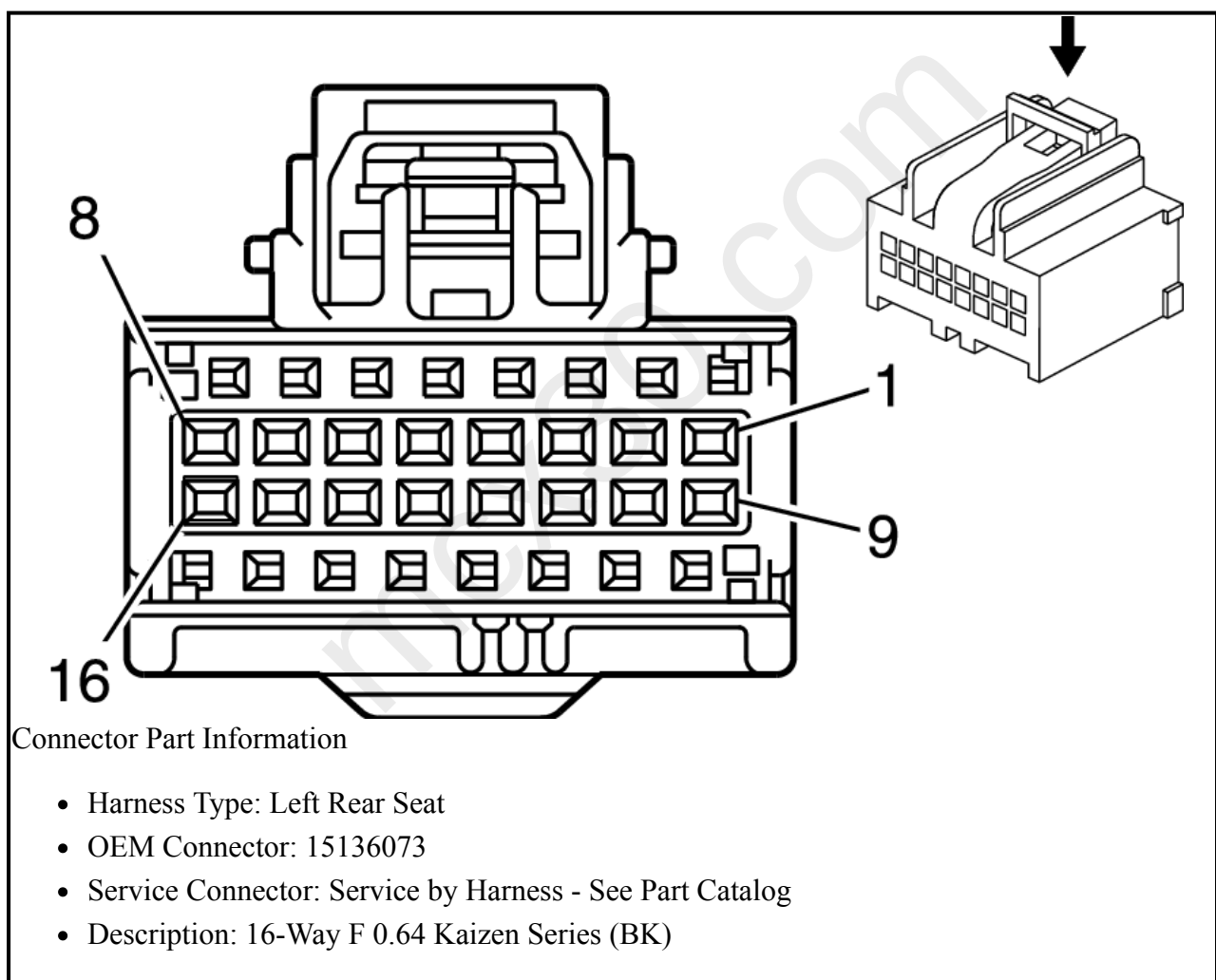
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.75	GN/BN	2296	Right Rear Heated Seat Cushion Element Control	I	-
3	0.75	GN/BK	2457	Right Rear Heated Seat Element Low Reference	I	-
4	0.75	BU/BN	2445	Left Rear Heated Seat Element Control	I	-
5	-	-	-	Not Occupied	-	-
6	0.75	BU/BK	2446	Left Rear Heated Seat Element Low Reference	I	-
7	1	RD/WH	4740	Battery Positive Voltage	I	-
8	1	BK	2150	Ground	I	-
9	-	-	-	Not Occupied	-	-
10	1	RD/WH	4740	Battery Positive Voltage	I	-

K29R SEAT HEATING CONTROL MODULE - REAR X2 (KA6)



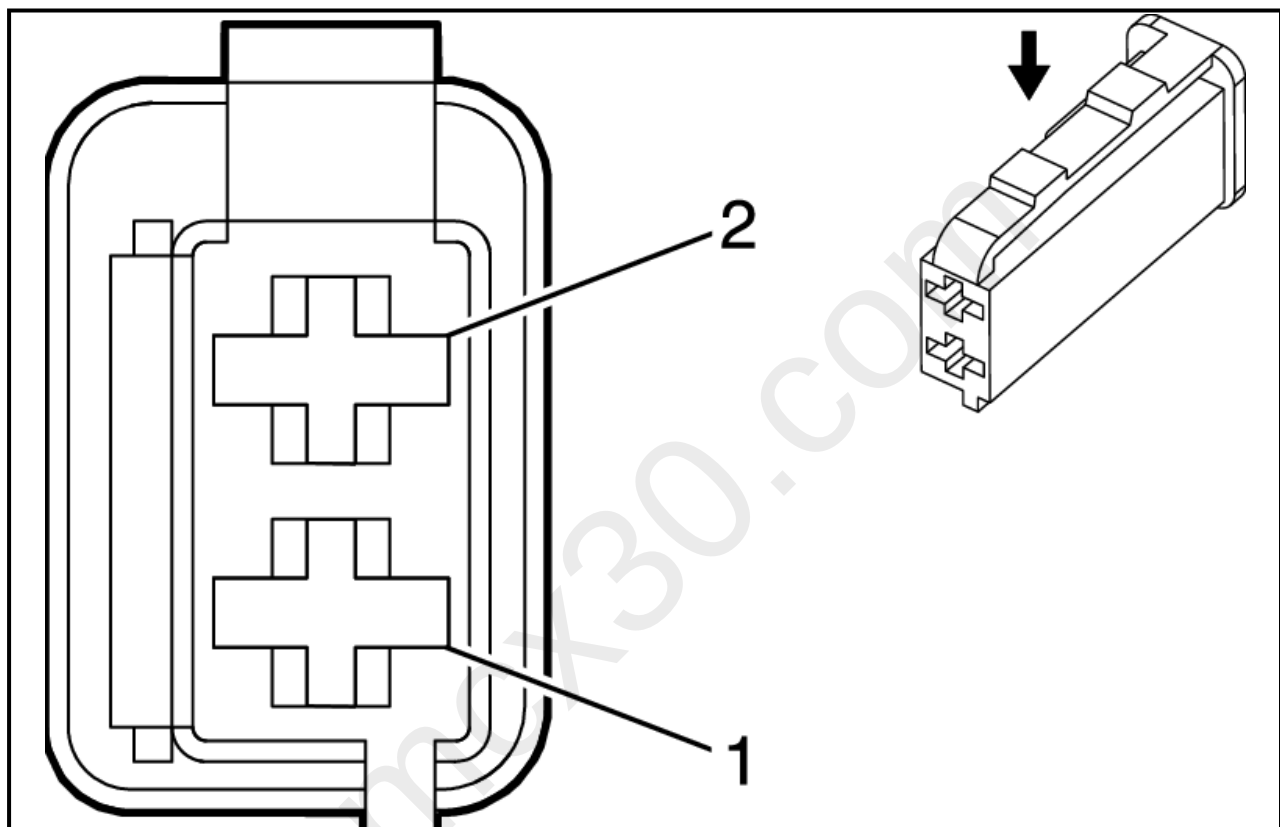
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/RD	7662	Left Rear Heated Seat NTC Low Reference	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.35	WH/BK	7054	Right Rear Cushion NTC Low Reference	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	YE/WH	7053	Right Rear Cushion NTC Signal	I	-
6	0.35	GY	7663	Left Rear Heated Seat NTC Signal	I	-
7	1	BK	2150	Ground	I	-
8	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-
9 - 16	-	-	-	Not Occupied	-	-

K32 STEERING WHEEL HEATING CONTROL MODULE X1 (W49+UVD)



Connector Part Information

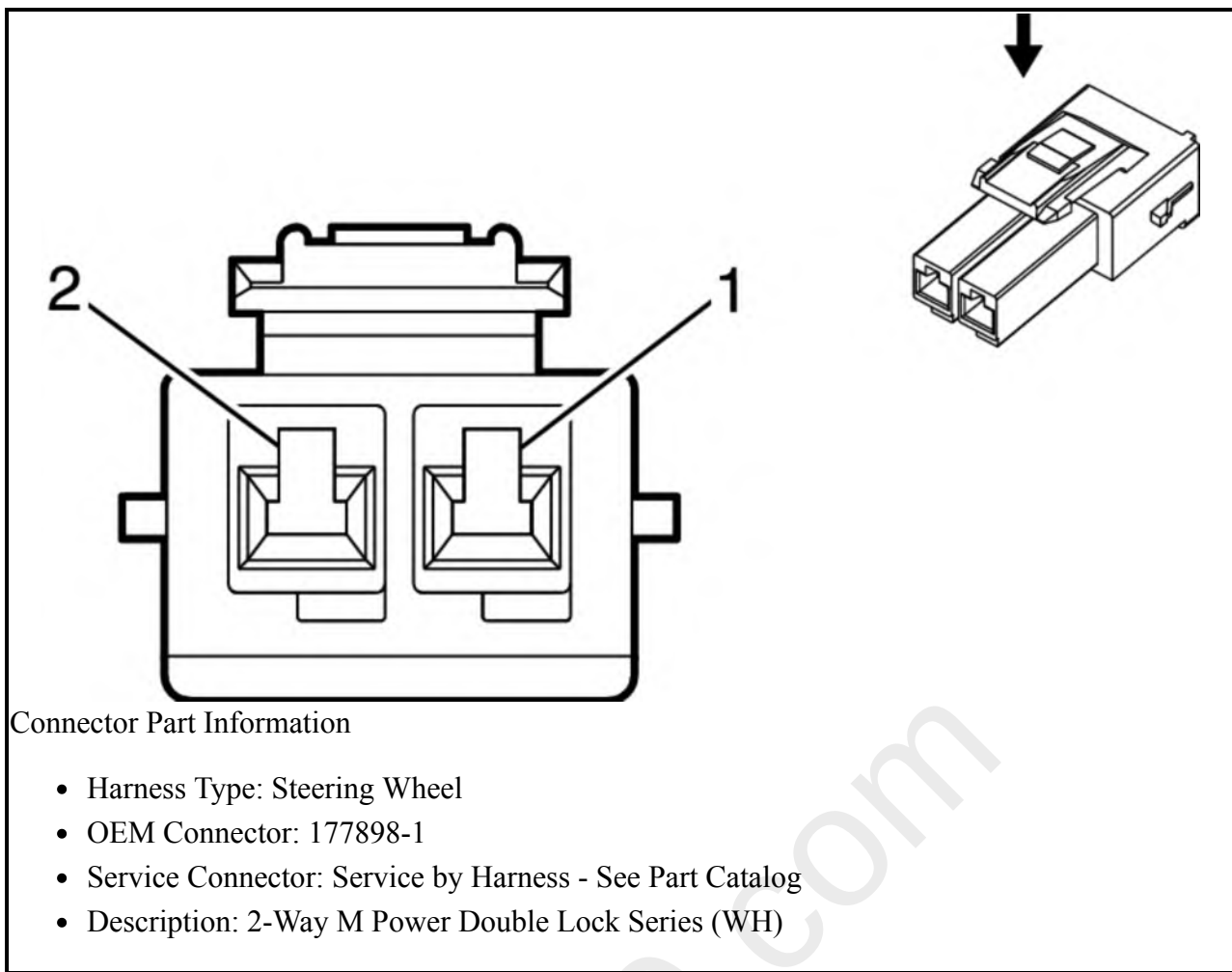
- Harness Type: Steering Wheel
- OEM Connector: 1563189-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	1239	Run/Crank Ignition 1 Voltage	I	-
2	0.5	BK	1550	Ground	I	-

K32 STEERING WHEEL HEATING CONTROL MODULE X2 (W49+UVD)

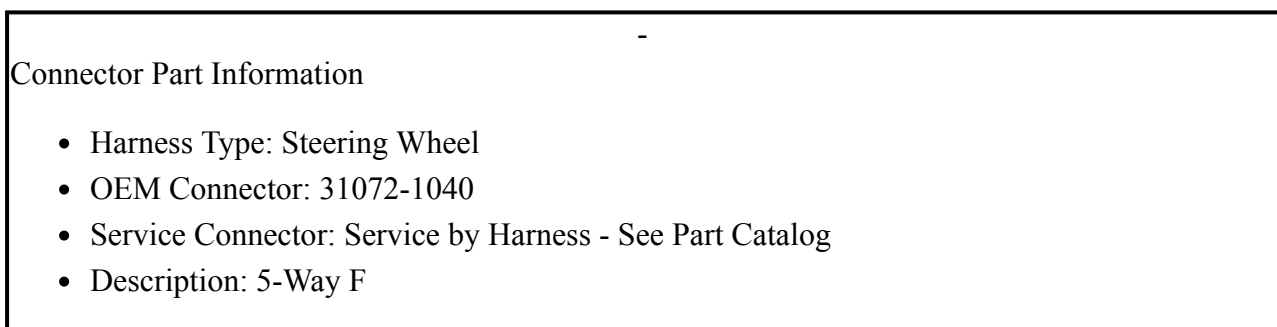


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5883	Heated Steering Wheel Switch Signal	I	-
2	0.5	GY/GN	5884	Heated Steering Wheel Switch LED Control	I	-

K32 STEERING WHEEL HEATING CONTROL MODULE (X88+UVD)



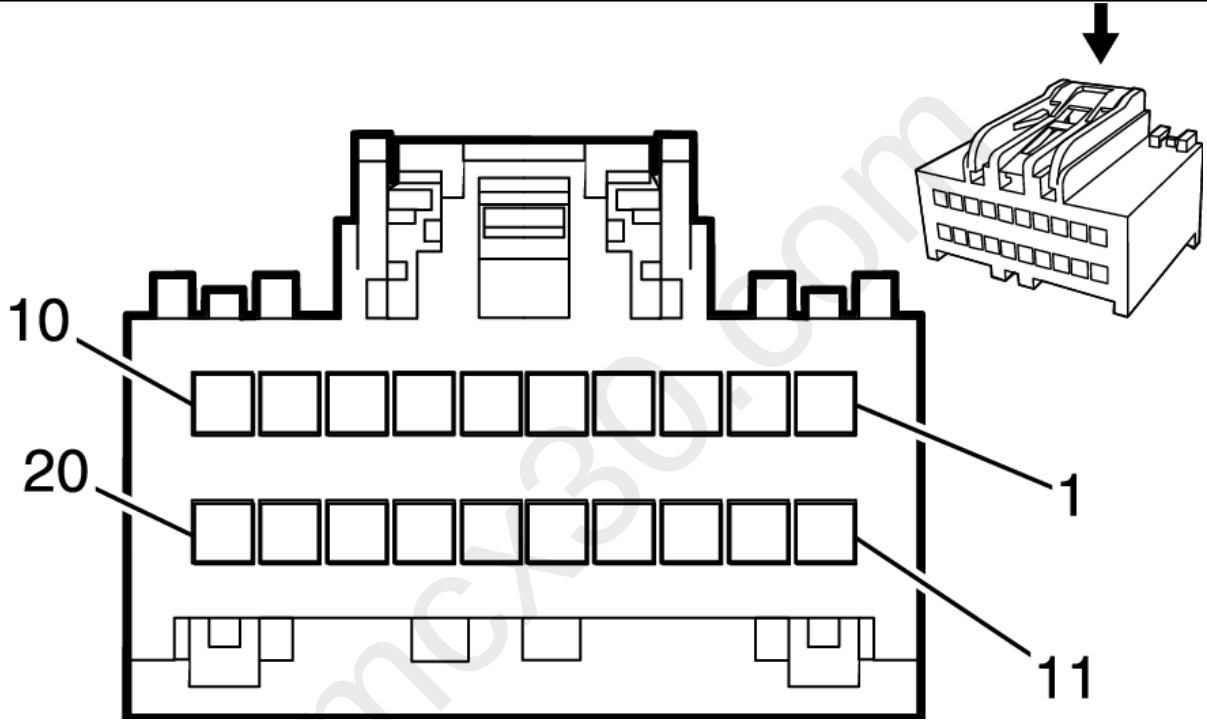
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE/GY	5883	Heated Steering Wheel Switch Signal	I	-
2	0.35	BN/WH	5884	Heated Steering Wheel Switch LED Control	I	-
3	0.5	VT/WH	1439	Run/Crank Ignition 1 Voltage	I	-
4	0.5	BK	1350	Ground	I	-
5	0.35	BK	1350	Ground	I	-

K33 HVAC CONTROL MODULE X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13593934
- Service Connector: 13593934
- Description: 20-Way F 0.64 Series (GN)

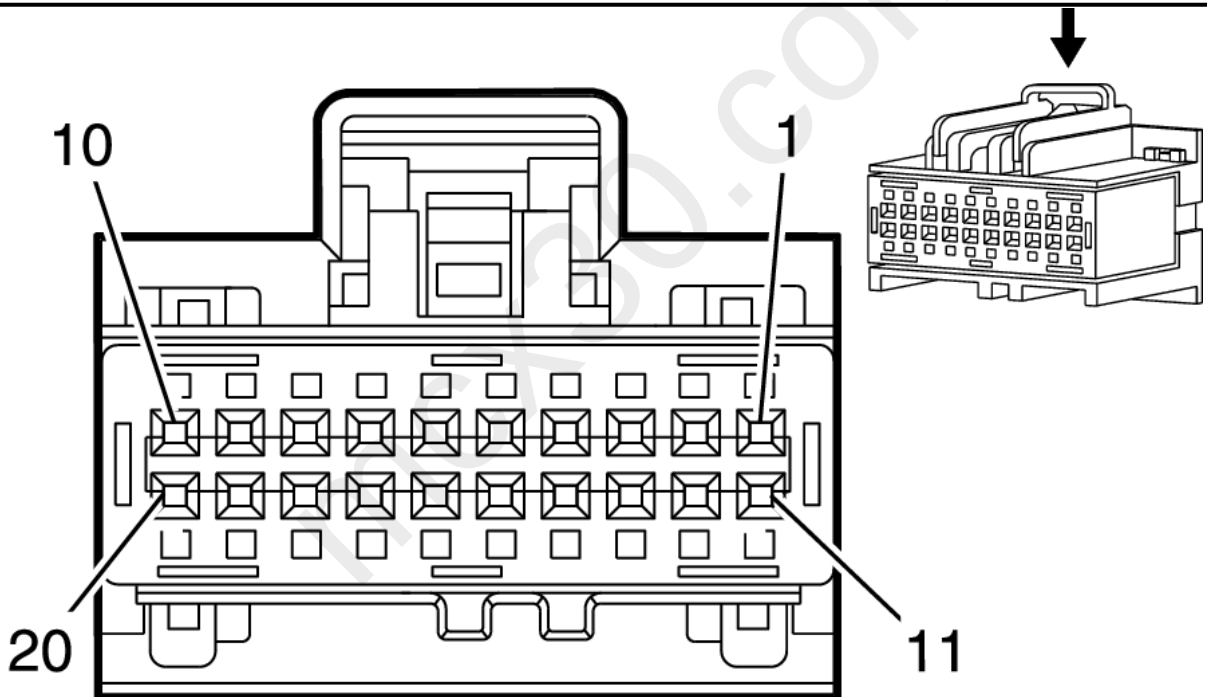
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	GY/GN	7565	Windscreen Temp Sensor Signal	I	-
3	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.35	BU/WH	734	Inside Air Temperature Sensor Signal	I	-
5	0.35	YE/BU	3197	Humidity Temperature Sensor Signal	I	-
6	0.35	YE/RD	597	5V Reference	I	-
7	0.35	BK/BU	7566	Humidity/Windscreen Temp Sensor Low Reference	I	-
8 - 11	-	-	-	Not Occupied	-	-
12	0.35	GY/BU	7564	Humidity Sensor Signal	I	-
13	-	-	-	Not Occupied	-	-
14	0.35	GY	590	Solar Sensor Driver Signal	I	-
15 - 17	-	-	-	Not Occupied	-	-
18	0.35	BN	404	Upper Air Temperature Sensor Signal	I	-
19	0.35	BN/BK	405	Lower Air Temperature Sensor Signal	I	-
20	-	-	-	Not Occupied	-	-

K33 HVAC CONTROL MODULE X2



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13593933
- Service Connector: 13593933
- Description: 20-Way F USCAR 64 Series (BN)

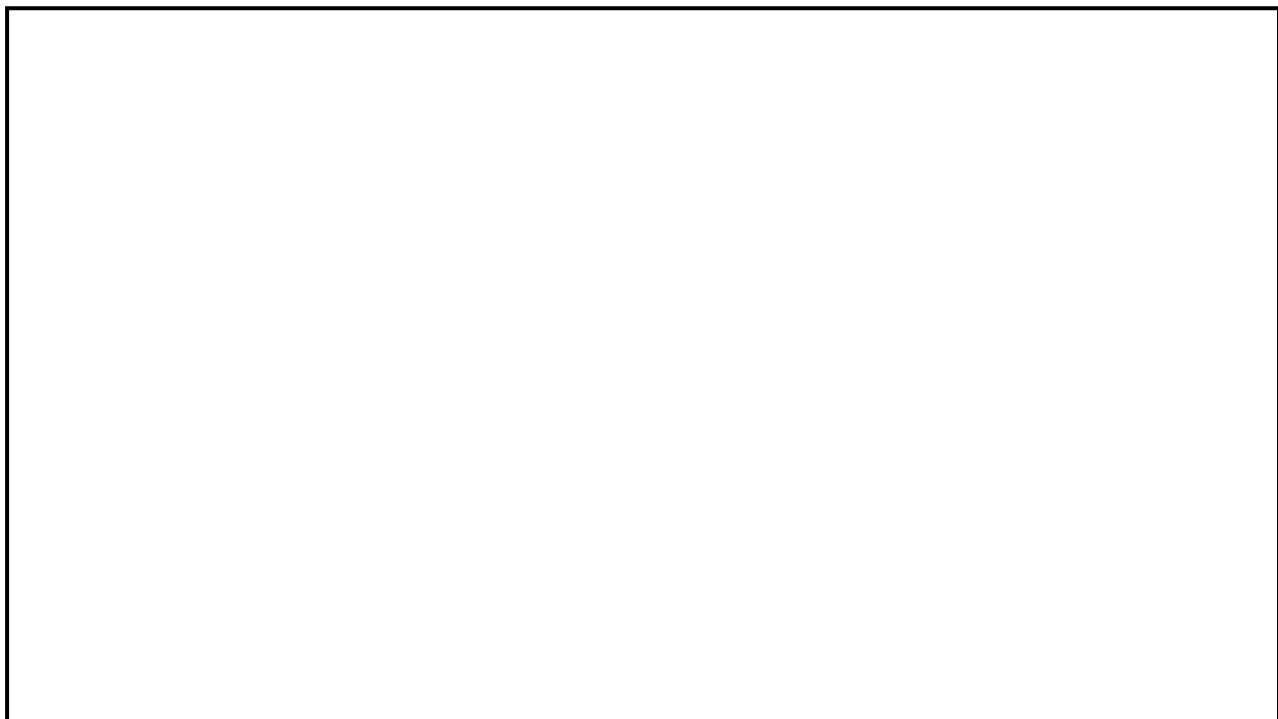
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575742	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
II	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P
III	19119865	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

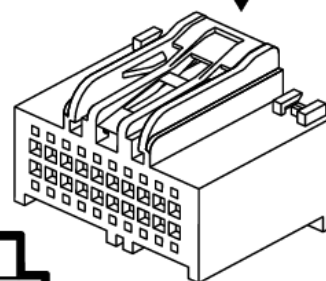
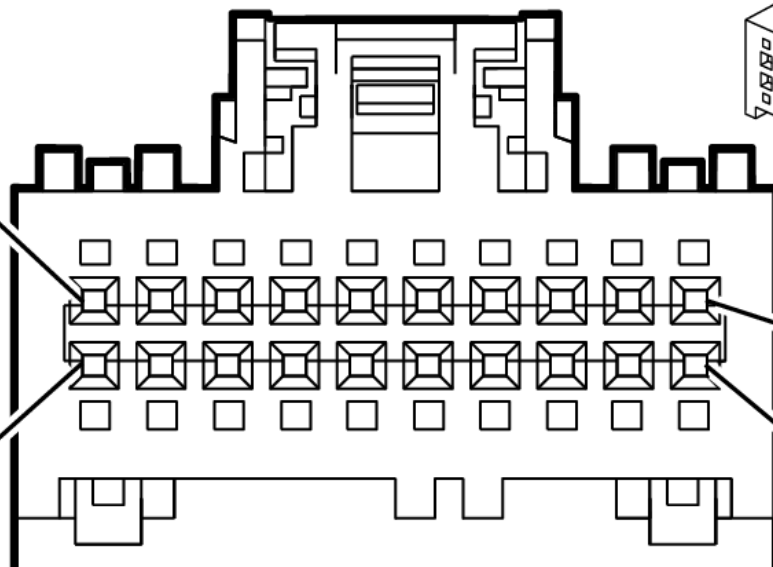
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/VT	3340	Battery Positive Voltage	I	-
2	0.35	GN	5060	Low Speed GMLAN Serial Data	II	-
3	-	-	-	Not Occupied	-	-
4	0.35	GN/YE	7531	Local Interconnect Network Serial Data Bus 9	II	C69
5	-	-	-	Not Occupied	-	-
6	0.35	GN/BU	4119	Local Interconnect Network Serial Data Bus 19	II	KEM
7	0.35	VT	3195	Auxiliary Heater Control	II	C32
8	0.5	BK	1650	Ground	I	-
9	0.35	VT/GY	1039	Run/Crank Ignition 1 Voltage	II	C69
10	0.75	BU/YE	7574	Electric Variable Displacement Control	III	-
11	0.75	BU/BN	7573	Electric Variable Displacement Supply	III	-
12 - 14	-	-	-	Not Occupied	-	-
15	0.35	BU/GY	754	Blower Motor Speed Control	II	-
16	0.35	GN/BK	2211	Rear Blower Motor Speed Control	II	C69
17	-	-	-	Not Occupied	-	-
18	0.35	BK/GN	7567	Solar Sensor Low Reference	II	CJ2
19	0.35	BN/VT	193	Rear Defog Relay Control	II	-
20	-	-	-	Not Occupied	-	-

K33 HVAC CONTROL MODULE X3



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Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15126711
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F 0.64 Series (BK)

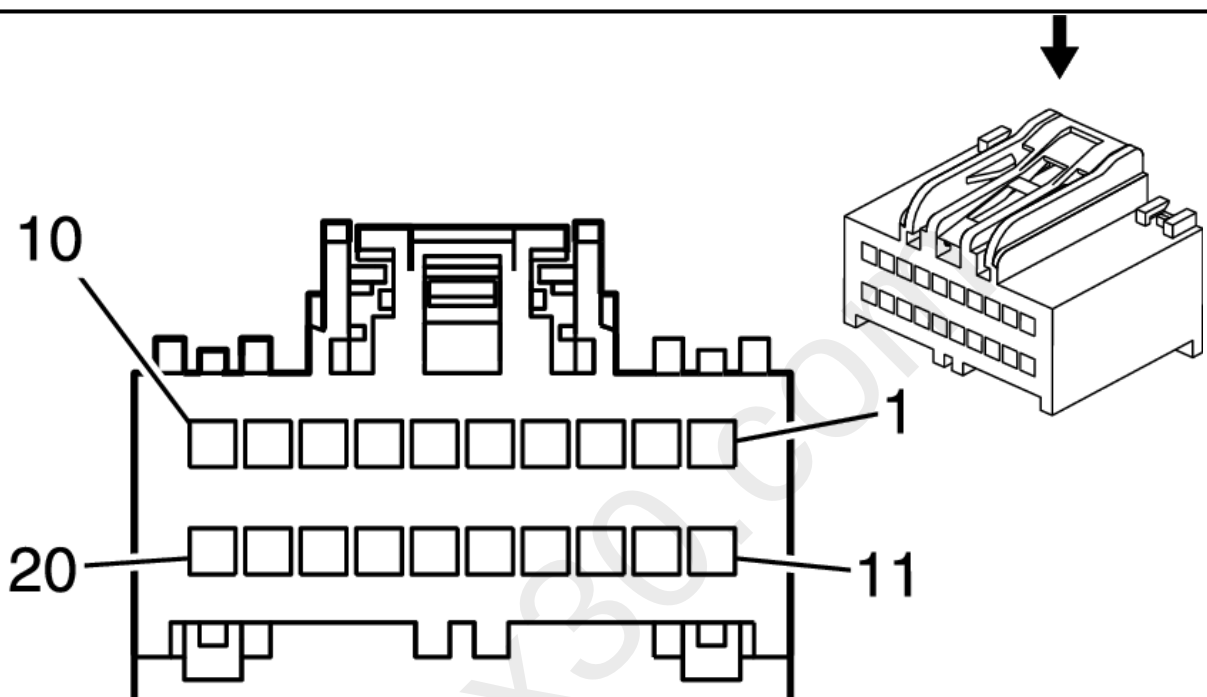
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GY/GN	516	Upper Left Air Temperature Sensor Signal	I	-
2	0.75	YE	3165	Mode Door Stepper Motor Control 1	I	-
3	0.75	WH/RD	3166	Mode Door Stepper Motor Control 2	I	-
4	0.75	GY/BN	3167	Mode Door Stepper Motor Control 3	I	-
5	0.75	GN/WH	3168	Mode Door Stepper Motor Control 4	I	-
6 - 8	-	-	-	Not Occupied	-	-
9	0.75	BK/YE	407	Sensor Low Reference	I	-
10	-	-	-	Not Occupied	-	-
11	0.75	GN	3169	Temp Door Stepper Motor Control 1	I	-
12	0.75	WH/PK	3170	Temp Door Stepper Motor Control 2	I	-
13	0.75	GY/RD	3171	Temp Door Stepper Motor Control 3	I	-
14	0.75	RD/BK	3172	Temp Door Stepper Motor Control 4	I	-
15	0.75	BK/VT	7572	HVAC Motor Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
16	0.75	GY	3173	Air Inlet Door Stepper Motor Control 1	I	-
17	0.75	BU/WH	3174	Air Inlet Door Stepper Motor Control 2	I	-
18	0.75	BN/GN	3175	Air Inlet Door Stepper Motor Control 3	I	-
19	0.75	RD/GN	3176	Air Inlet Door Stepper Motor Control 4	I	-
20	0.75	BK/GY	6137	EVAP Core Temperature Sensor Signal	I	-

K33 HVAC CONTROL MODULE X4



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 13593932
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F USCAR 64 Series (GY)

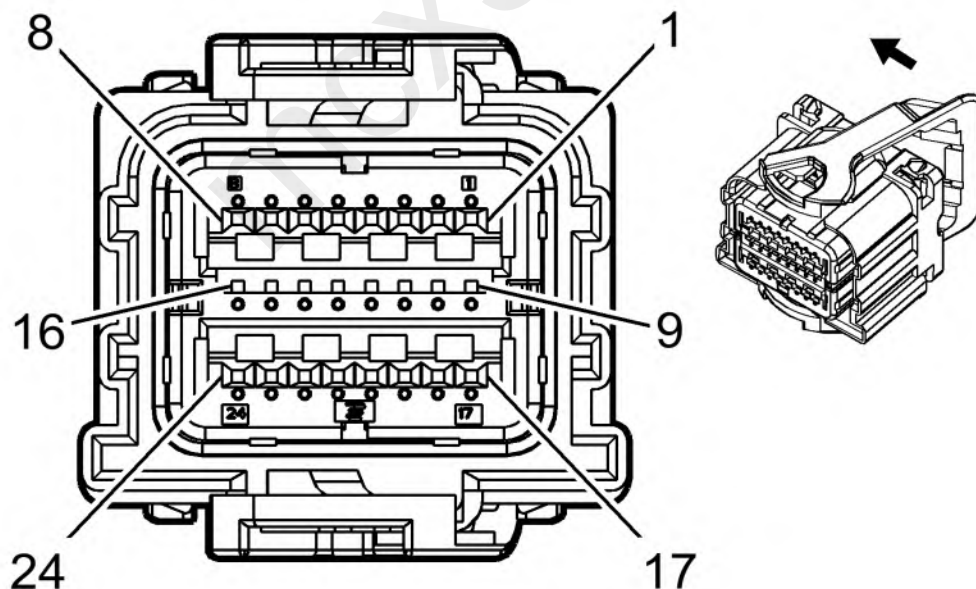
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 4	-	-	-	Not Occupied	-	-
5	0.35	WH	3181	Temp Door Stepper Motor Passenger Control 1	I	-
6	0.35	PU/BU	3182	Temp Door Stepper Motor Passenger Control 2	I	-
7	0.35	GY/WH	3183	Temp Door Stepper Motor Passenger Control 3	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.35	YE/GN	3184	Temp Door Stepper Motor Passenger Control 4	I	-
9	0.35	PU/GY	517	Upper Right Air Temperature Sensor Signal	I	-
10	0.35	GN/WH	5729	Rear Mode Motor Control	I	-
11	0.35	BU	518	Lower Left Air Temperature Sensor Signal	I	-
12	0.35	WH/PU	520	Lower Right Air Temperature Sensor Signal	I	-
13	0.35	GY/WH	3185	Mode Door Stepper Motor Rear Control 1	I	-
14	0.35	BU/WH	3186	Mode Door Stepper Motor Rear Control 2	I	-
15	0.35	GY/WH	3187	Mode Door Stepper Motor Rear Control 3	I	-
16	0.35	GN/GY	3188	Mode Door Stepper Motor Rear Control 4	I	-
17	0.35	WH/GN	3189	Temp Door Stepper Motor Rear Control 1	I	-
18	0.35	GY	3190	Temp Door Stepper Motor Rear Control 2	I	-
19	0.35	BU/PU	3191	Temp Door Stepper Motor Rear Control 3	I	-
20	0.35	YE/BK	3192	Temp Door Stepper Motor Rear Control 4	I	-

K36 INFLATABLE RESTRAINT SENSING AND DIAGNOSTIC MODULE X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13579298
- Service Connector: 19299778
- Description: 24-Way F 0.64 Series, Sealed (YE)

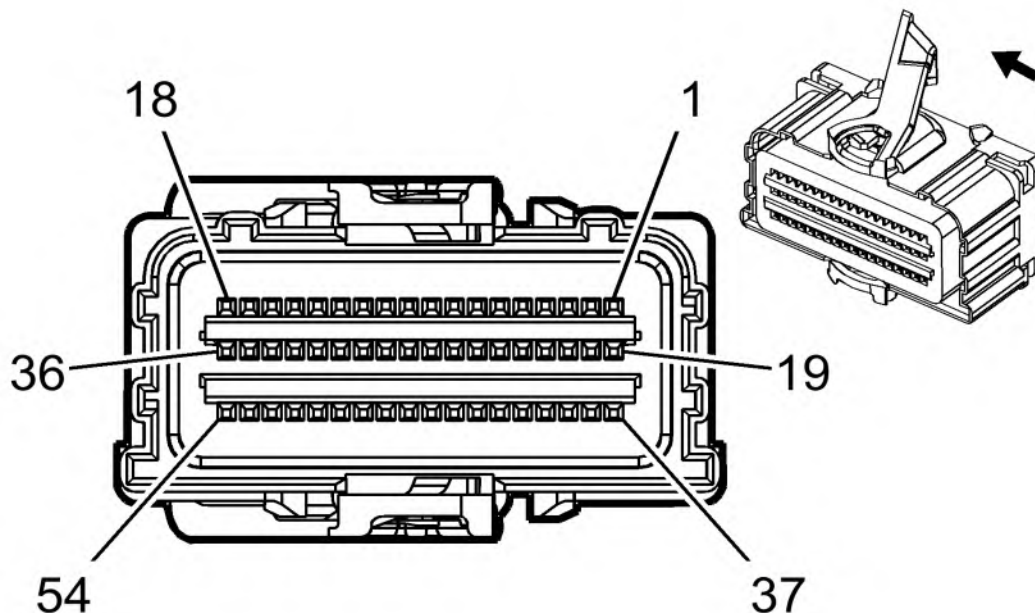
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19331015	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GN	3023	Steering Wheel Module Stage 2 High Control	I	-
2	0.5	WH/OG	3022	Steering Wheel Module Stage 2 Low Control	I	-
3	0.5	BN/OG	3020	Steering Wheel Module Stage 1 Low Control	I	-
4	0.5	OG/VT	3021	Steering Wheel Module Stage 1 High Control	I	-
5	0.5	YE/OG	3025	Passenger IP Module Stage 1 High Control	I	-
6	0.5	OG/WH	3024	Passenger IP Module Stage 1 Low Control	I	-
7	0.5	OG/VT	3026	Passenger IP Module Stage 2 Low Control	I	-
8	0.5	GY/OG	3027	Passenger IP Module Stage 2 High Control	I	-
9	0.5	RD/GN	4440	Battery Positive Voltage	I	-
10	0.35	VT/WH	5234	Passenger Seat Belt Indicator Control	I	-
11	0.35	BU	2307	Passenger Air Bag On Indicator Control	I	-
12	0.35	GN	2308	Passenger Air Bag Off Indicator Control	I	-
13 - 14	-	-	-	Not Occupied	-	-
15	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
16	-	-	-	Not Occupied	-	-
17	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
18	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
19	0.5	BK/WH	1251	Signal Ground	I	-
20	0.35	WH/BK	6106	High Speed GMLAN Serial Data (-) 2	I	-
21 - 24	-	-	-	Not Occupied	-	-

K36 INFLATABLE RESTRAINT SENSING AND DIAGNOSTIC MODULE X2

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Connector Part Information

- Harness Type: Body
- OEM Connector: 2203515-4
- Service Connector: 13589171
- Description: 54-Way F 0.64 Series, Sealed (YE)

Terminal Part Information

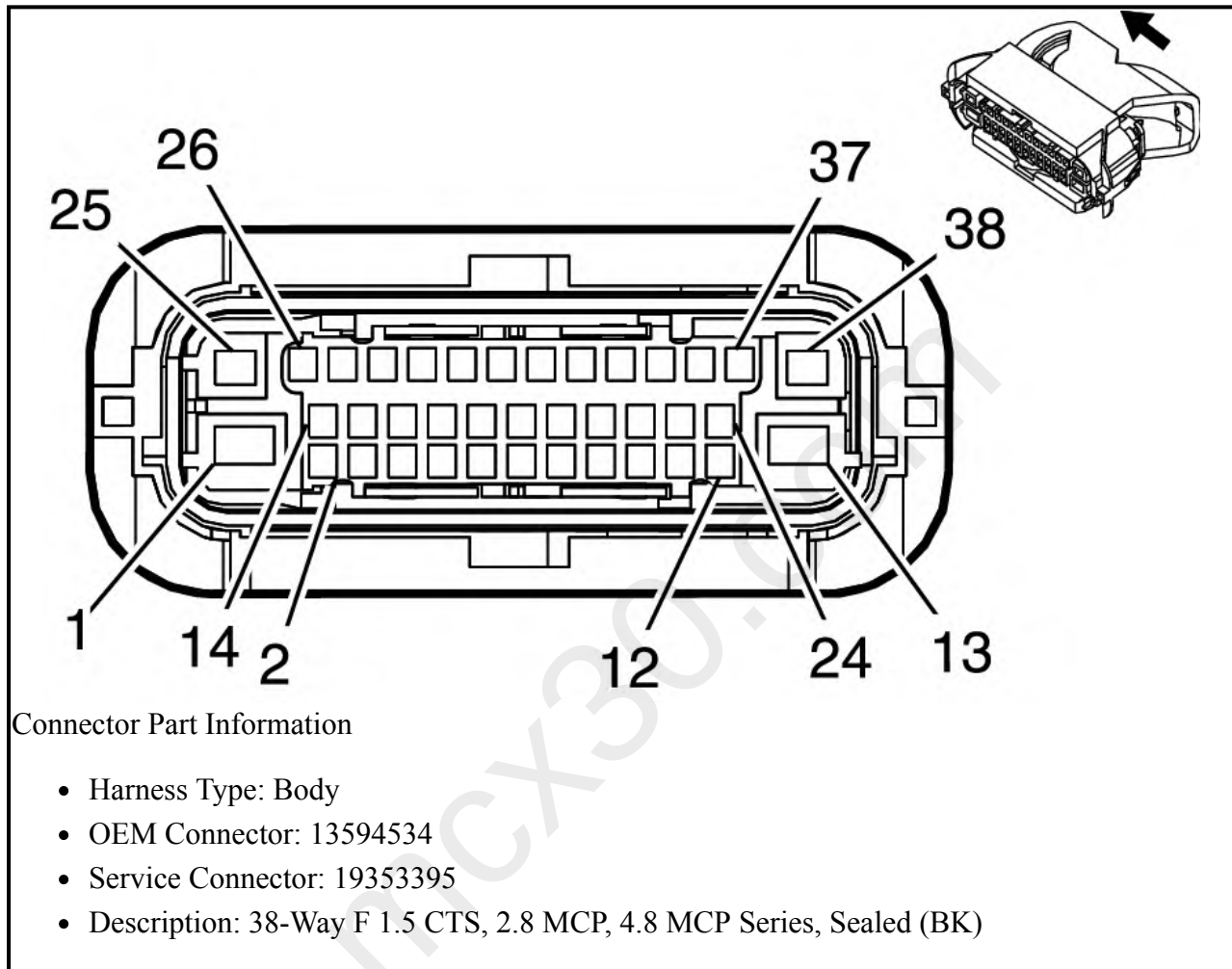
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19331015	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19368490	J-35616-64B (LT BU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
III	Not Required	No Tool Required	No Tool Required	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 8	-	-	-	Not Occupied	-	-
9	0.5	OG/YE	3481	Driver Seat Belt Anchor Pretensioner High Control	I	-
10	0.5	YE/OG	3482	Driver Seat Belt Anchor Pretensioner Low Control	I	-
11	0.5	GY/OG	3480	Passenger Seat Belt Anchor Pretensioner Low Control	I	-
12	0.5	OG/BN	3479	Passenger Seat Belt Anchor Pretensioner High Control	I	-
13	0.5	OG/BU	3068	Driver Side Impact Module High Control	I	-
14	0.5	GN/OG	3069	Driver Side Impact Module Low Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
15	0.5	BN/OG	3067	Passenger Side Impact Module Low Control	I	-
16	0.5	OG/GY	3066	Passenger Side Impact Module High Control	I	-
17	0.5	OG/GN	5019	Left Front Head Curtain Module High Control	I	-
18	0.5	VT/OG	5020	Left Front Head Curtain Module Low Control	I	-
19	0.5	OG/GN	2132	Left Front Side Impact Sensing Module Signal	I	-
20	0.5	BK/OG	6628	Left Front Side Impact Sensing Module Low Reference	I	-
21	0.5	BK/OG	6629	Right Front Side Impact Sensing Module Low Reference	I	-
22	0.5	BN/OG	2134	Right Front Side Impact Sensing Module Signal	I	-
23	0.5	OG/YE	354	Left Front Discriminating Sensor Signal	II	-
24	0.5	BK/OG	5045	Left Front Discriminating Sensor Low Reference	II	-
25	0.5	BK/OG	5600	Right Front Discriminating Sensor Low Reference	II	-
26	0.5	OG/GN	1409	Right Front Discriminating Sensor Signal	II	-
27	0.5	OG/BU	6620	Left Middle Side Impact Sensing Module Signal	I	-
28	0.5	BK/OG	6621	Left Middle Side Impact Sensing Module Low Reference	I	-
29	0.5	BK/OG	6625	Right Middle Side Impact Sensing Module Low Reference	I	-
30	0.5	OG/VT	6624	Right Middle Side Impact Sensing Module Signal	I	-
31 - 32	-	-	-	Not Occupied	-	-
33	0.5	OG/GN	4208	Driver Inboard Side Impact Module Low Control	I	-
34	0.5	OG/BN	4207	Driver Inboard Side Impact Module High Control	I	-
35 - 36	-	-	-	Not Occupied	-	-
37	0.5	OG/WH	3477	Driver Seat Belt Retractor Pretensioner High Control	III	-
38	0.5	GY/OG	3478	Driver Seat Belt Retractor Pretensioner Low Control	III	-
39	0.5	WH/OG	3476	Passenger Seat Belt Retractor Pretensioner Low Control	III	-
40	0.5	OG/GN	3475	Passenger Seat Belt Retractor Pretensioner High Control	III	-
41	0.35	OG/BN	238	Driver Seat Belt Switch Signal	I	-
42	-	-	-	Not Occupied	-	-
43	0.35	BK/OG	1363	Driver Seat Belt Switch Low Reference	I	-
44	0.35	BK/OG	1361	Passenger Seat Belt Switch Low Reference	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
45	0.35	OG/VT	1362	Passenger Seat Belt Switch Signal	I	-
46 - 52	-	-	-	Not Occupied	-	-
53	0.5	OG/GY	5021	Right Front Head Curtain Module High Control	I	-
54	0.5	WH/OG	5022	Right Front Head Curtain Module Low Control	I	-

K38 CHASSIS CONTROL MODULE (M3W)



Terminal Part Information

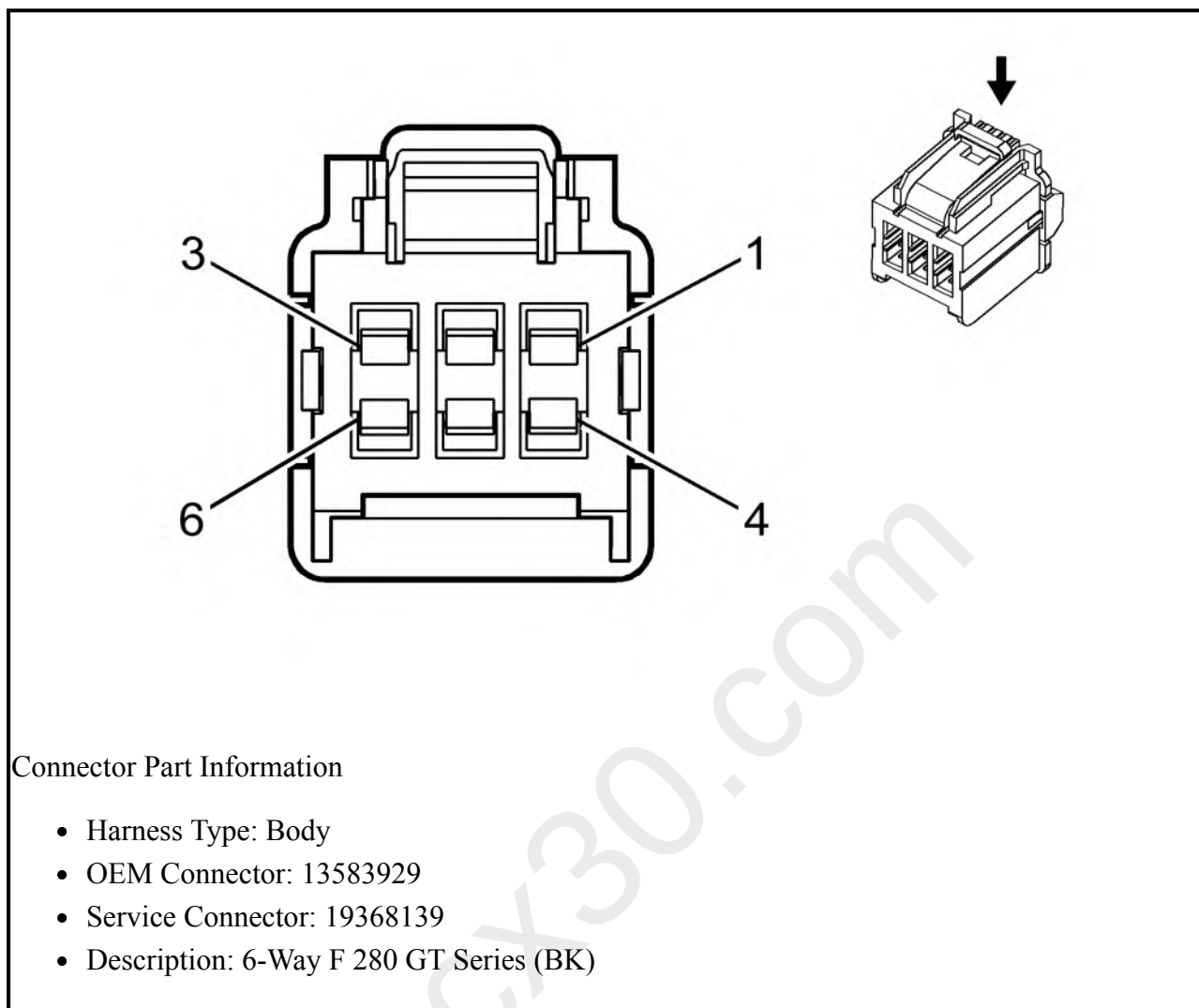
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19119381	J-35616-14 (GN)	J-3125-560	Not Available	Not Available	Not Available	Not Available
II	19119772	J-35616-35 (VT)	J-38125-557	1241388-1	Lear 17	E	C
III	19301775	J-35616-40 (BU)	J-38125-556	1241388-1	Lear 17	E	C
IV	19301776	J-35616-14 (GN)	J-38125-215A	1241388-1	Lear 17	E	C
V	19366579	J-35616-4A (PU)	J-38125-12A	1241388-1	Lear 17	E	C

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/RD	2635	Transmission Shifter Position Sensor 2 Voltage Reference	III	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.35	YE/BU	2633	Transmission Shifter Position Sensor 2 Alpha Signal	I	-
3	0.35	BK/BU	2647	Transmission Shifter Position Sensor 1 Low Reference	I	-
4	0.35	BK/PU	2632	Transmission Shifter Park Position Switch 2 Return	I	-
5	0.35	BK/GN	2636	Transmission Shifter Position Sensor 2 Low Reference	I	-
6	0.35	BK/BN	2649	Transmission Shift Interlock Switch 1 Return	I	-
7	0.35	BK/GY	2630	Transmission Shifter Park Position Switch 1 Return	I	-
8	0.35	BK/GN	2655	Transmission Shift Interlock Switch 2 Return	I	-
9 - 12	-	-	-	Not Occupied	-	-
13	0.5	BK	750	Ground	III	-
14	0.35	PU/BU	2634	Transmission Shifter Position Sensor 2 Beta Signal	I	-
15	0.35	WH/GY	2631	Transmission Shifter Park Position Switch 2 Signal	I	-
16	0.35	WH/GN	2654	Transmission Shift Interlock Switch 2 Signal	I	-
17	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
18	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
19	-	-	-	Not Occupied	-	-
20	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
21	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
22 - 24	-	-	-	Not Occupied	-	-
25	0.35	BU/RD	2646	Transmission Shifter Position Sensor 1 Voltage Reference	V	-
26	0.35	YE/BN	2644	Transmission Shifter Position Sensor 1 Alpha Signal	I	-
27	0.35	PU/GN	2629	Transmission Shifter Park Position Switch 1 Signal	I	-
28	0.35	PU/BN	2645	Transmission Shifter Position Sensor 1 Beta Signal	I	-
29	0.35	WH	2648	Transmission Shift Interlock Switch 1 Signal	I	-
30	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
31	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
32	-	-	-	Not Occupied	-	-
33	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
34	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
35	0.35	GN/GY	4120	Local Interconnect Network Serial Data Bus 20	I	-
36	0.5	PU/BU	7078	Powertrain Main Relay Fused Control 7	IV	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
37	0.5	PU/YE	5985	Accessory Wakeup Serial Data	IV	-
38	0.5	RD/GN	1840	Battery Positive Voltage	II	-

K39 LIFTGATE CONTROL MODULE X2 (TB5/TC2)

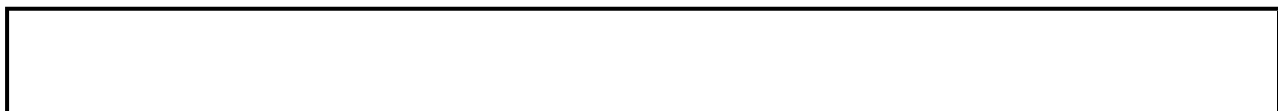


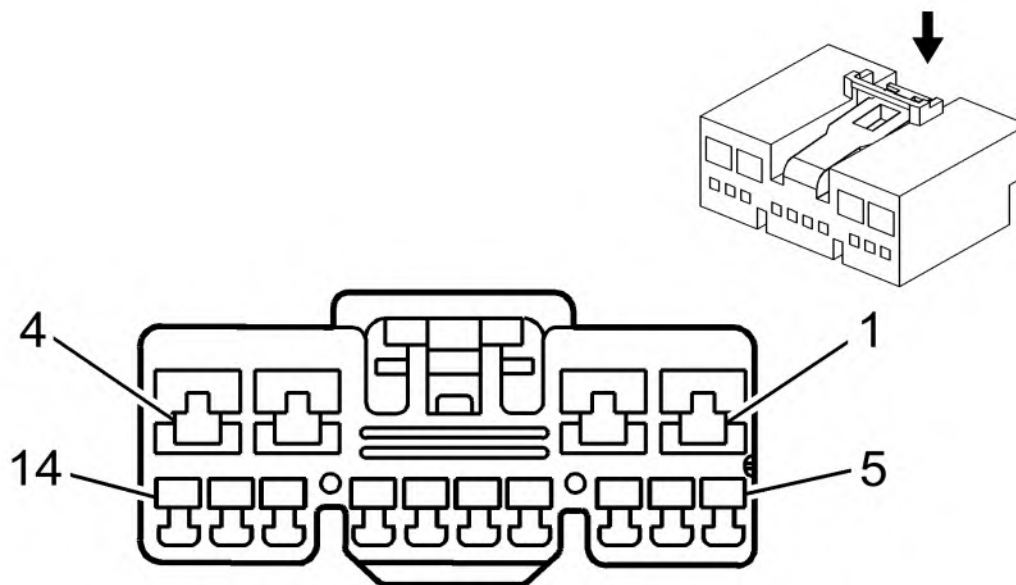
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BU/GY	4682	Rear Closure Cinch Latch Motor Close Control	I	TB5/TC2
2	1	BN	4681	Rear Closure Cinch Latch Motor Open Control	I	TB5/TC2
3	4	RD/GN	1540	Battery Positive Voltage	I	TB5/TC2
4	0.35	RD/BU	840	Battery Positive Voltage	I	TB5/TC2
5	-	-	-	Not Occupied	-	-
6	4	BK	1350	Ground	I	TB5/TC2

K39 LIFTGATE CONTROL MODULE X3 (TB5/TC2)





Connector Part Information

- Harness Type: Body
- OEM Connector: 7283-8397-40
- Service Connector: 19179972
- Description: 14-Way F 0.64, 2.8 YESC Series (L-GY)

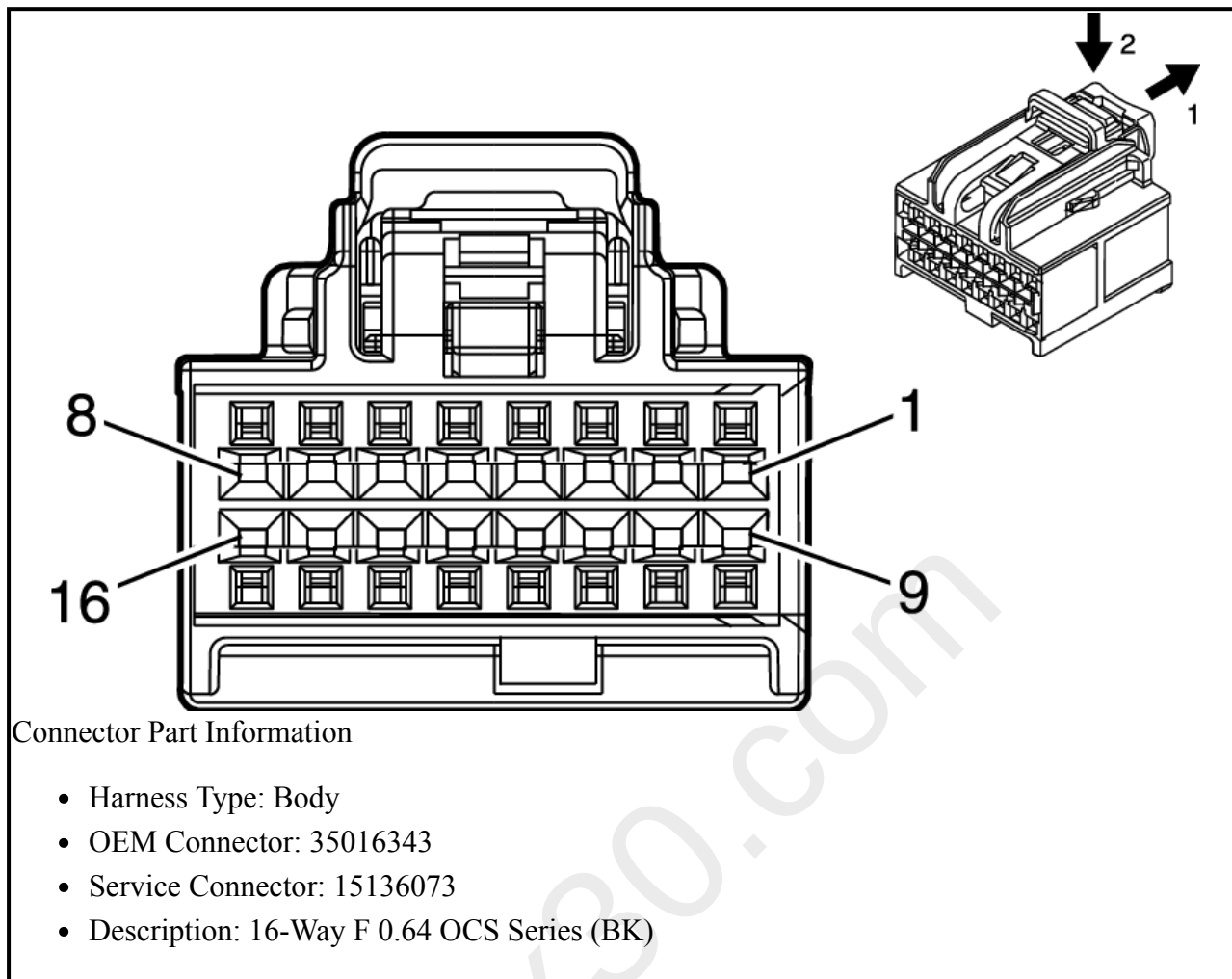
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575847	J-35616-64B (LT BU)	J-38125-553	7116-4720-02	Yazaki 14	H	H
II	13578896	J-35616-64B (LT BU)	J-38125-553	7116-4720-02	Yazaki 14	J	J
III	19368264	J-35616-35 (VT)	J-38125-11A	7116-4720-02	Yazaki 14	H	H

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	BN/WH	5799	Lift Gate Open/Close Motor Close Control	III	TB5/TC2
2	1.5	WH	5798	Lift Gate Open/Close Motor Open Control	III	TB5/TC2
3 - 7	-	-	-	Not Occupied	-	-
8	0.35	BN/RD	5803	Lift Gate Position Sensor 5V Reference	I	TB5/TC2
9	0.35	BU/WH	5805	Lift Gate Position Sensor Signal 1	I	TB5/TC2
10	0.35	BN/YE	5806	Lift Gate Position Sensor Signal 2	I	TB5/TC2
11	0.35	BK/GN	5804	Lift Gate Position Sensor Low Reference	I	TB5/TC2
12	-	-	-	Not Occupied	-	-
13	0.75	BU/YE	4679	Rear Closure Motor Release Control 2	II	TB5/TC2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
14	-	-	-	Not Occupied	-	-

K39 LIFTGATE CONTROL MODULE X1 (W49+(TB5/TC2))



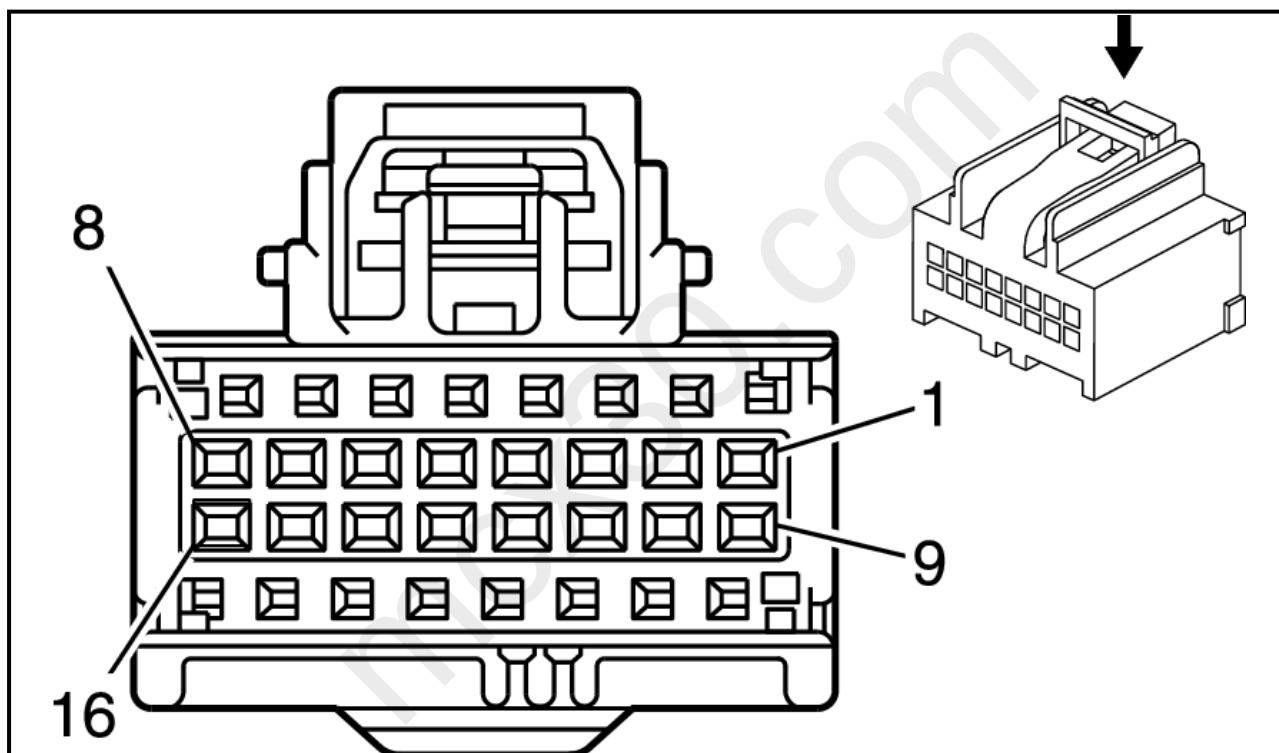
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300660	J-35616-64B (LT BU)	J-38125-12A	Not Available	F 0.64 GEN Y SN	Not Available	Not Available
II	19300660	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	6112	Power Lift Gate On/Off Switch Signal	II	-
2	-	-	-	Not Occupied	-	-
3	0.5	GN	3033	Lift Gate Shut Face Switch Signal	I	-
4	0.35	GN/BK	4659	Rear Closure Open	II	-
5	0.75	BU/BK	4665	Rear Closure Ajar Switch Signal 2	II	-
6	0.35	GY	4668	Rear Closure Ajar Switch Signal 3	II	-
7	0.35	GN	5060	Low Speed GMLAN Serial Data	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.5	WH/BK	6126	Lift Gate Object Sensor 2 Signal	I	-
9	0.35	GY/VT	4678	Rear Closure Ajar Switch Signal 1	II	-
10 - 11	-	-	-	Not Occupied	-	-
12	0.35	GY/BK	6113	Rear Lift Gate Open/Close Switch Signal	II	-
13	0.5	GY/WH	3034	Lift Gate Shut Face Switch LED Control	I	-
14	0.5	YE/BU	5797	Rear Closure Handle Switch Open Signal	I	-
15	0.35	GN/BN	4118	Local Interconnect Network Serial Data Bus 18	II	-
16	0.5	BK/VT	5801	Lift Gate Object Sensor Low Reference	I	-

K39 LIFTGATE CONTROL MODULE X1 (X88+(TB5/TC2))



Connector Part Information

- Harness Type: Body
- OEM Connector: 7283-9076-30
- Service Connector: 15136073
- Description: 16-Way F 0.64 Kaizen Series (BK)

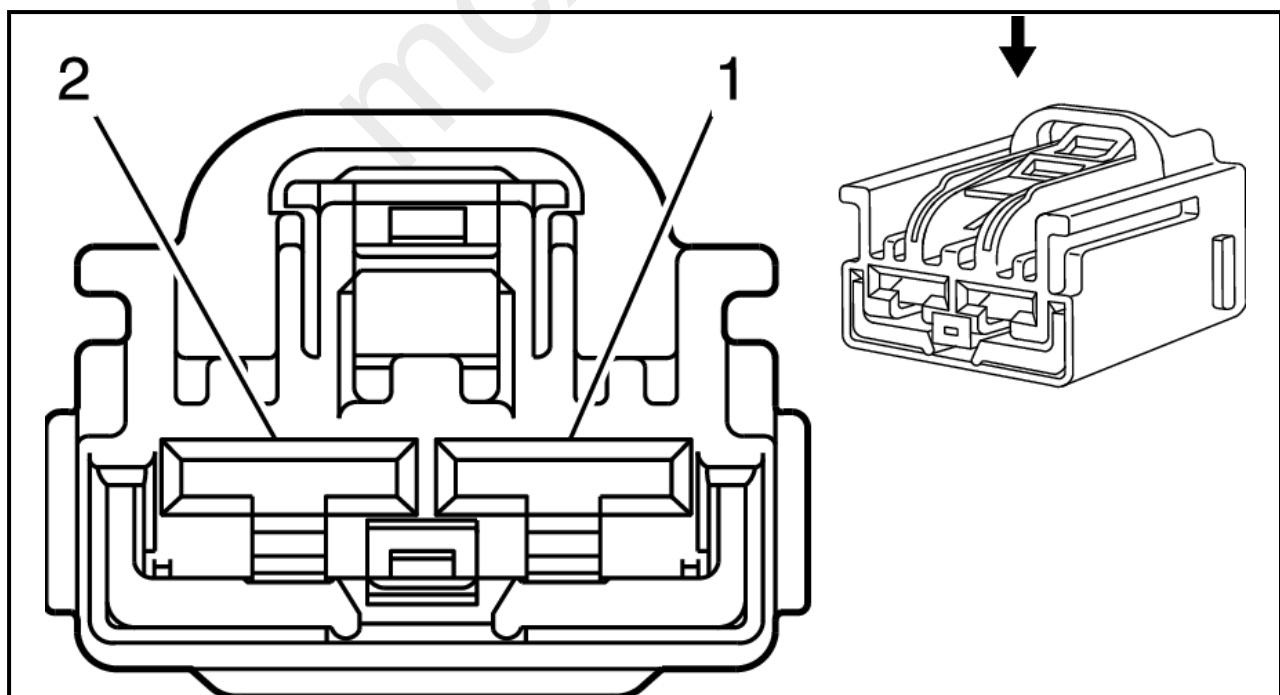
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575742	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
II	13575867	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
III	19119865	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	6112	Power Lift Gate On/Off Switch Signal	II	-
2 - 3	-	-	-	Not Occupied	-	-
4	0.35	GN/BK	4659	Rear Closure Open	II	-
5	0.75	BU/BK	4665	Rear Closure Ajar Switch Signal 2	III	-
6	0.35	GY	4668	Rear Closure Ajar Switch Signal 3	II	-
7	0.35	GN	5060	Low Speed GMLAN Serial Data	II	-
8	-	-	-	Not Occupied	-	-
9	0.35	GY/VT	4678	Rear Closure Ajar Switch Signal 1	II	-
10 - 11	-	-	-	Not Occupied	-	-
12	0.35	GY/BK	6113	Rear Lift Gate Open/Close Switch Signal	II	-
13	0.5	GY/WH	3034	Lift Gate Shut Face Switch LED Control	I	-
14	-	-	-	Not Occupied	-	-
15	0.35	GN/BN	4118	Local Interconnect Network Serial Data Bus 18	II	TC2
16	-	-	-	Not Occupied	-	-

K40D SEAT MEMORY CONTROL MODULE - DRIVER X1 (AAB)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 15226103
- Service Connector: Service by Harness - See Part Catalog

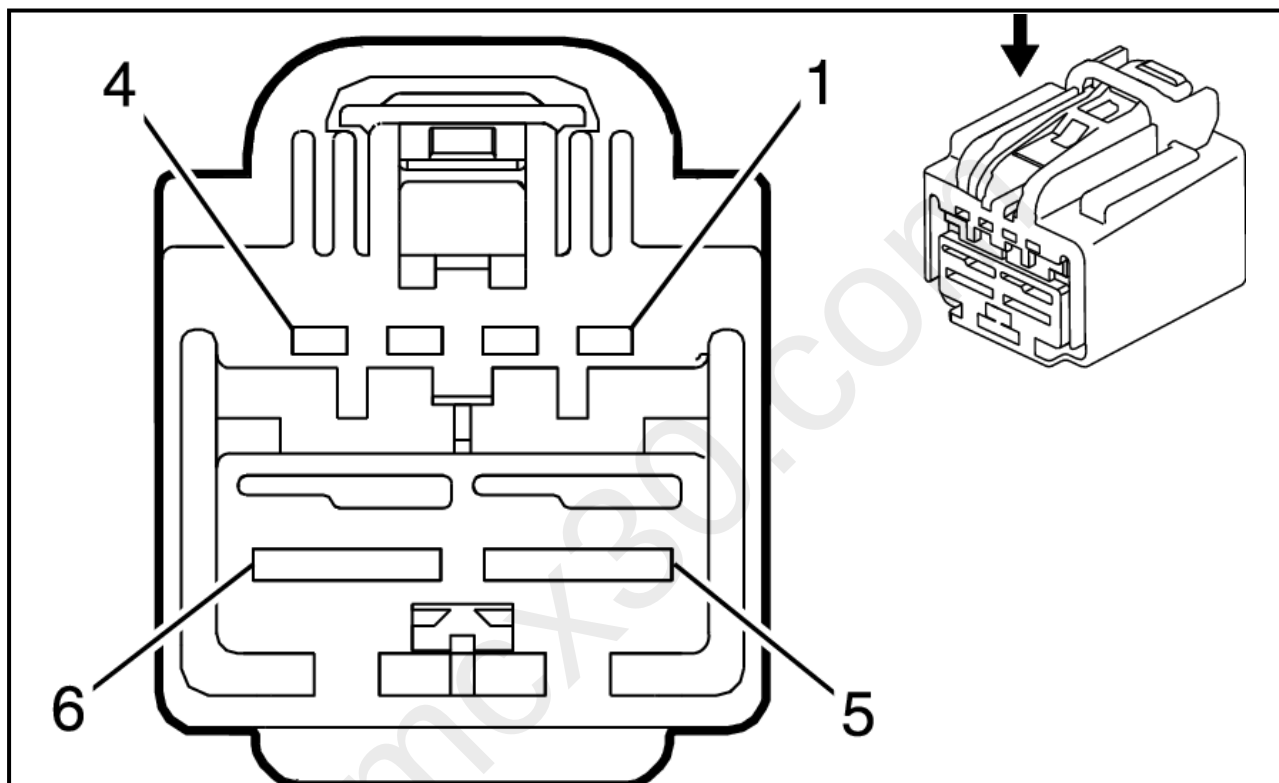
- Description: 2-Way F 6.3 Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	RD/GN	5140	Battery Positive Voltage	I	-
2	2	RD/YE	5040	Battery Positive Voltage	I	-

K40D SEAT MEMORY CONTROL MODULE - DRIVER X2 (AAB)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 15226104
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F YESC Kaizen Series (BK)

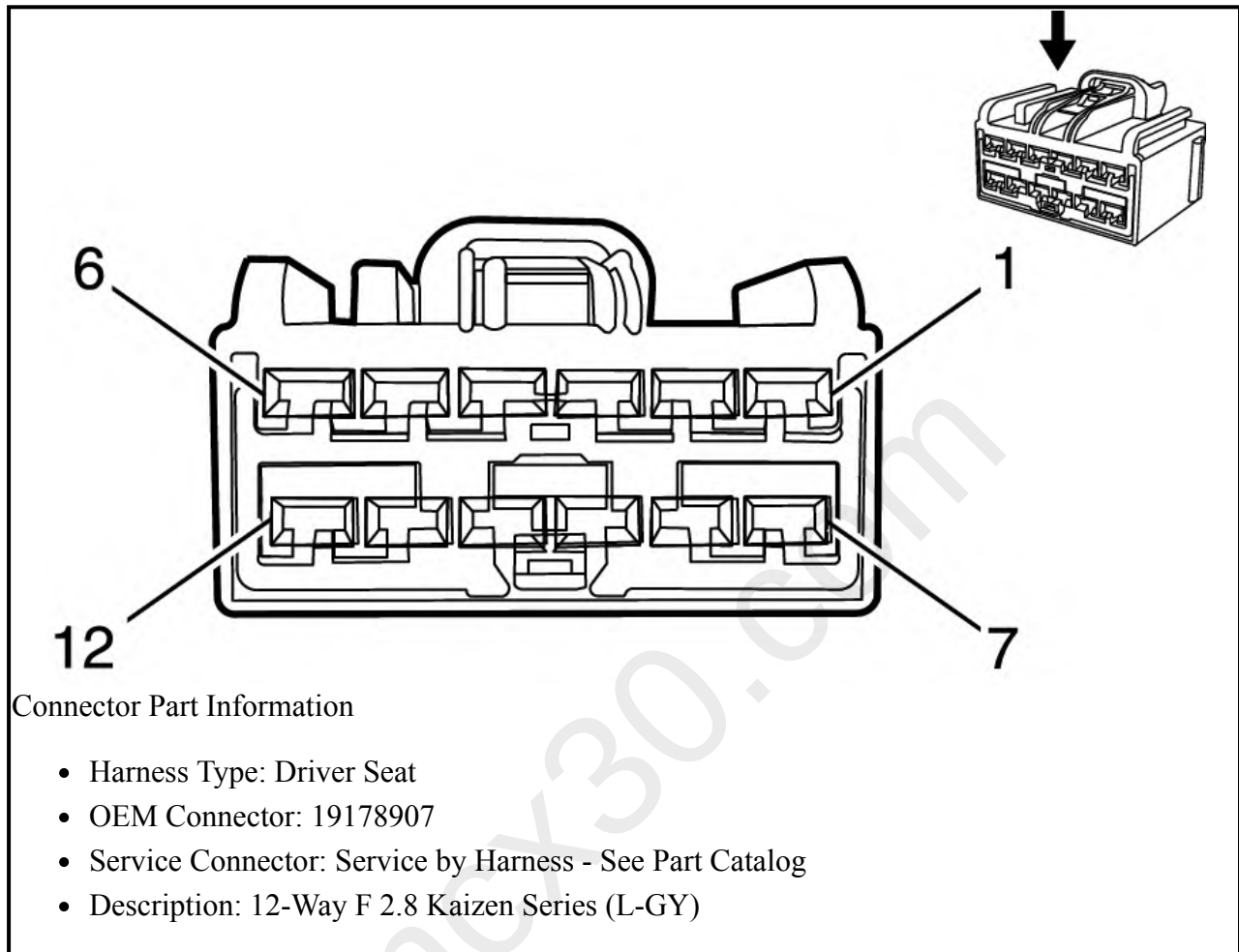
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
2	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	0.35	GN/WH	7530	Local Interconnect Network Serial Data Bus 8	I	-
4	-	-	-	Not Occupied	-	-
5	2	BK	750	Ground	I	-
6	-	-	-	Not Occupied	-	-

K40D SEAT MEMORY CONTROL MODULE - DRIVER X3 (AAB)



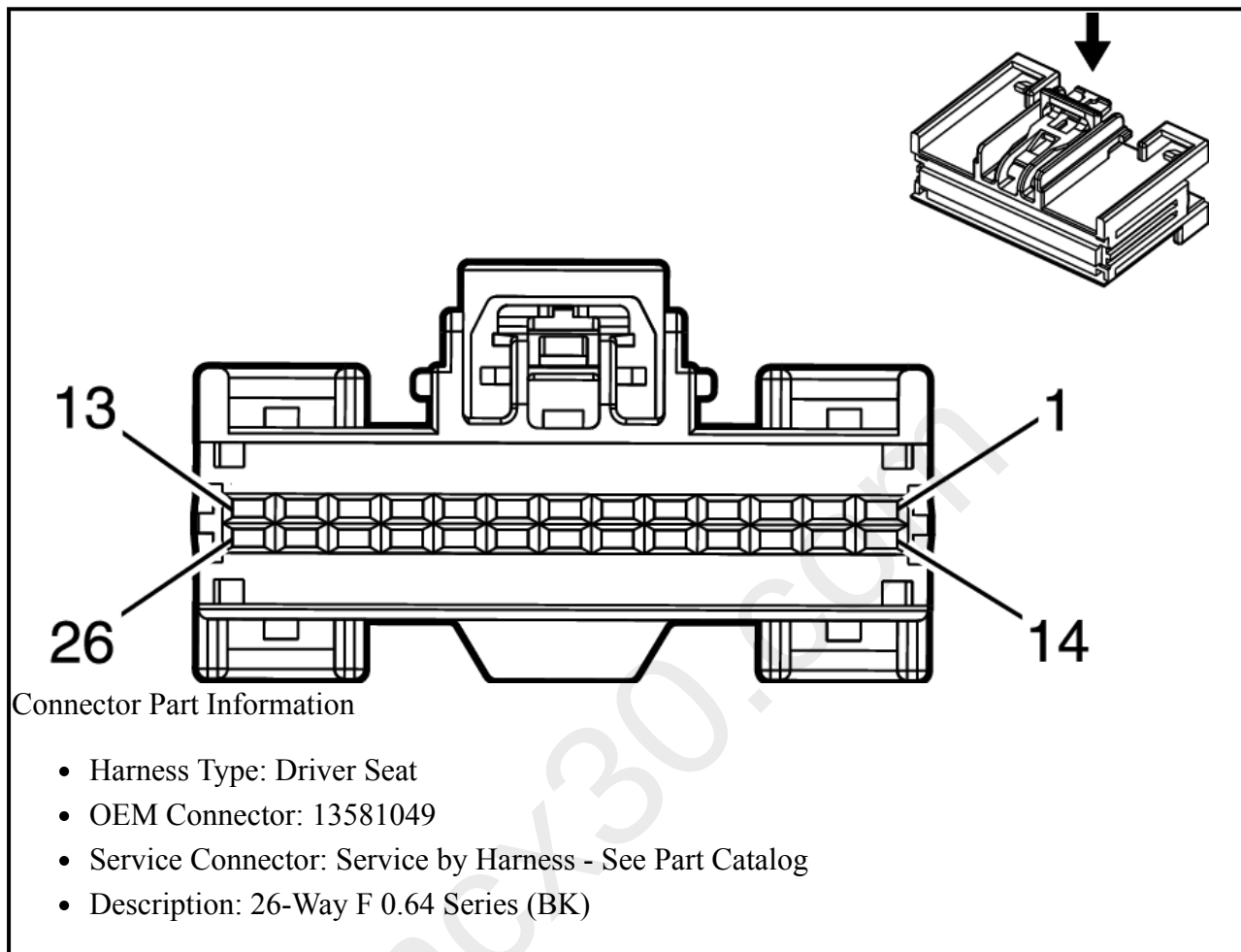
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	GN/YE	276	Driver Power Seat Recline Motor Forward Control	I	-
2	1.5	BU/YE	277	Driver Power Seat Recline Motor Rearward Control	I	-
3	1.5	GN/BN	286	Driver Power Seat Front Vertical Motor Up Control	I	-
4	1.5	BU/VT	287	Driver Power Seat Front Vertical Motor Down Control	I	-
5	1.5	YE	282	Driver Power Seat Rear Vertical Motor Up Control	I	-
6	1.5	GY/BU	283	Driver Power Seat Rear Vertical Motor Down Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7 - 10	-	-	-	Not Occupied	-	-
11	1.5	YE/BU	285	Driver Power Seat Horizontal Motor Forward Control	I	-
12	1.5	GY/GN	284	Driver Power Seat Horizontal Motor Rearward Control	I	-

K40D SEAT MEMORY CONTROL MODULE - DRIVER X5 (AAB)



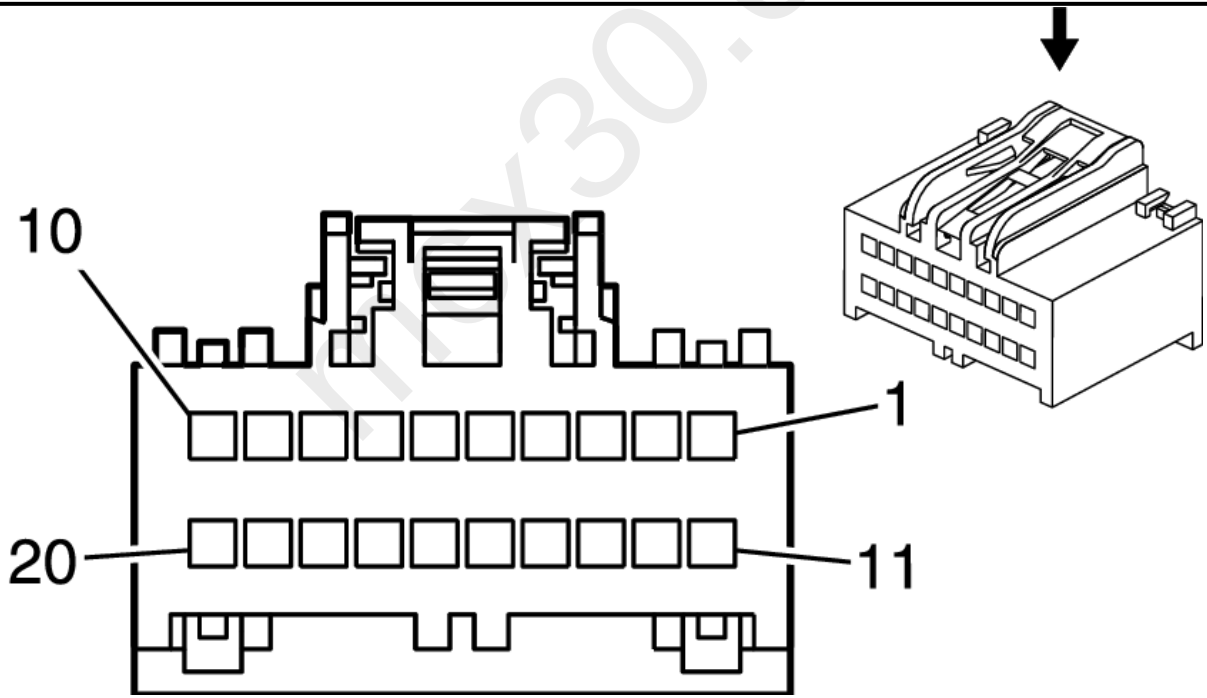
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/RD	3298	Memory Sensor High Reference 2	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	0.35	BN	3038	Right Rear Haptic Seat Motor Control	I	-
5	0.35	YE/BN	3037	Left Rear Haptic Seat Motor Control	I	-
6	-	-	-	Not Occupied	-	-
7	0.35	YE/BN	1522	Power Seat Horizontal Forward Switch Signal	I	-
8	0.35	GY/GN	1523	Power Seat Horizontal Rearward Switch Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
9	0.35	GN/BN	1518	Power Seat Front Vertical Up Switch Signal	I	-
10	0.35	BU/VT	1520	Power Seat Front Vertical Down Switch Signal	I	-
11	0.35	GN	569	Memory Seat Horizontal Motor Position Sensor Signal	I	-
12	0.35	BN/WH	557	Memory Seat Front Vertical Motor Position Sensor Signal	I	-
13 - 18	-	-	-	Not Occupied	-	-
19	0.35	YE	1519	Power Seat Rear Vertical Up Switch Signal	I	-
20	0.35	YE/BU	1521	Power Seat Rear Vertical Down Switch Signal	I	-
21	0.35	GY/BK	1269	Power Seat Recline Forward Switch Signal	I	-
22	0.35	GN/GY	1270	Power Seat Recline Rearward Switch Signal	I	-
23 - 24	-	-	-	Not Occupied	-	-
25	0.35	YE/BU	568	Memory Seat Rear Vertical Motor Position Sensor Signal	I	-
26	0.35	WH/BK	570	Driver Memory Seat Recline Motor Position Sensor Signal	I	-

K40D SEAT MEMORY CONTROL MODULE - DRIVER X6 (AAB)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 15126710
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F USCAR 64 Series (GY)

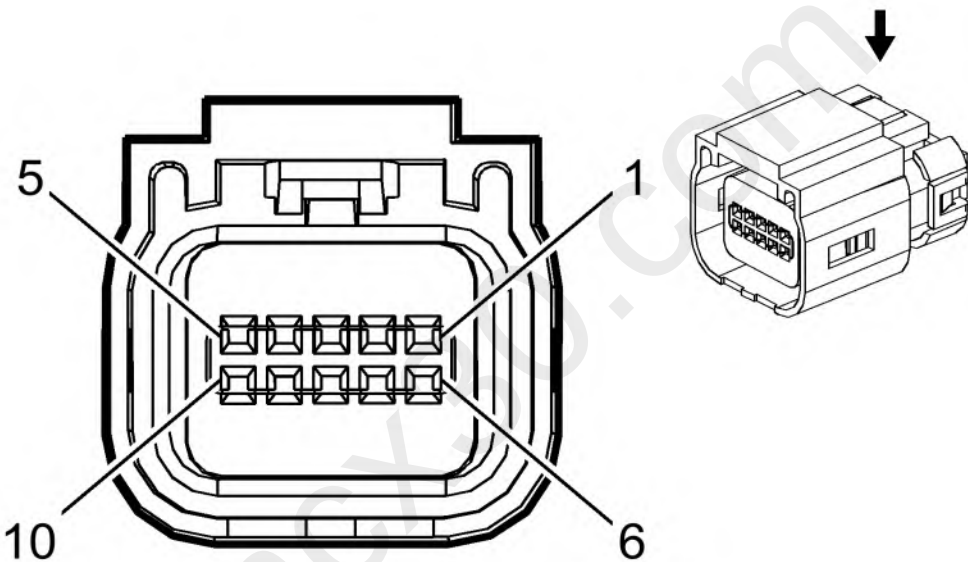
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 10	-	-	-	Not Occupied	-	-
11	0.35	BK/BU	5978	Memory Switch Low Reference	I	-
12	0.35	WH	615	Memory Seat Switch Signal 1	I	-
13 - 14	-	-	-	Not Occupied	-	-
15	0.35	BU/GN	614	Memory Seat Switch Set Signal	I	-
16 - 20	-	-	-	Not Occupied	-	-

K43 POWER STEERING CONTROL MODULE X1



Connector Part Information

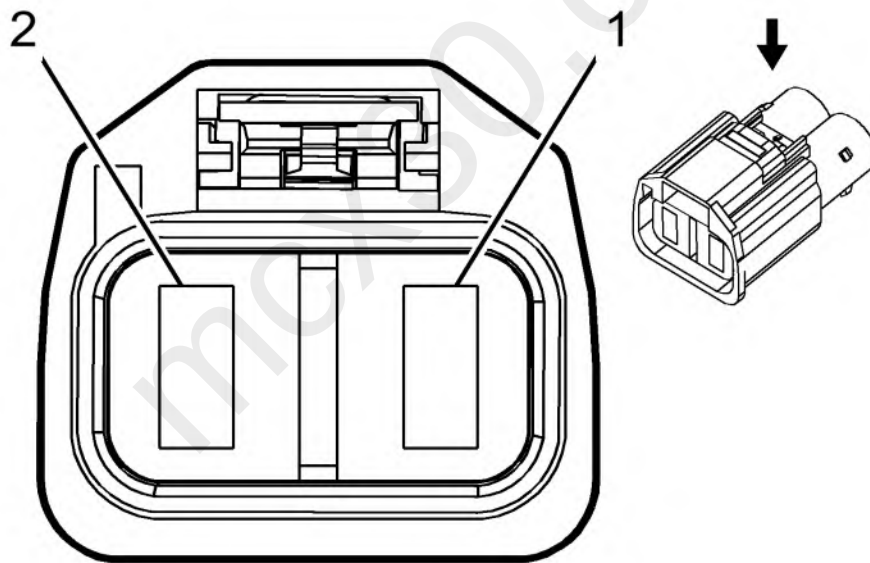
- Harness Type: Engine
- OEM Connector: 19178082
- Service Connector: Pending
- Description: 10-Way F 0.64 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575742	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P
II	19119865	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.75	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
3	0.75	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
4	0.75	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	II	-
5	0.75	WH	6106	High Speed GMLAN Serial Data (-) 2	II	-
6	0.75	WH/BU	5986	Serial Data Communication Enable	II	-
7	0.75	BU	2500	High Speed GMLAN Serial Data (+) 1	I	M3W/M3V
8	0.75	WH	2501	High Speed GMLAN Serial Data (-) 1	I	M3W/M3V
9	0.75	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
10	0.75	WH	6106	High Speed GMLAN Serial Data (-) 2	II	-

K43 POWER STEERING CONTROL MODULE X2



Connector Part Information

- Harness Type: Battery Cable
- OEM Connector: 7287-1990-30
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 9.5 Series, Sealed (BK)

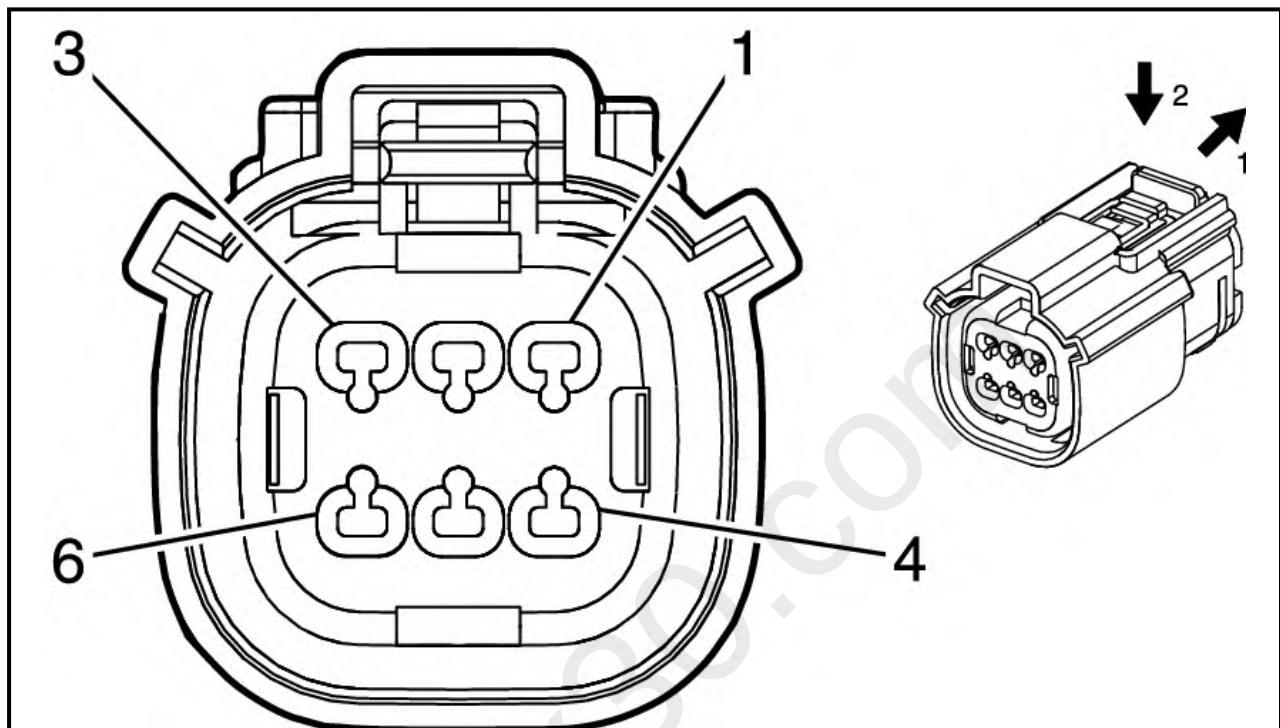
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	16	BK	450	Ground	I	-
2	16	RD/VT	842	Battery Positive Voltage	I	-

K43 POWER STEERING CONTROL MODULE X3



Connector Part Information

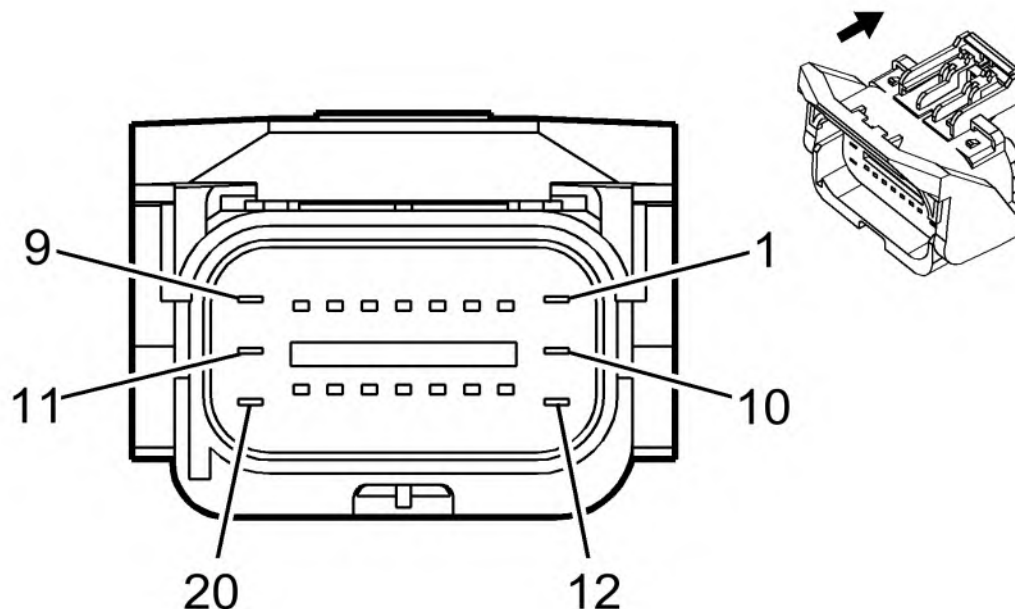
- Harness Type: Power Steering Shaft Torque/Position Sensor
- OEM Connector: 33472-0679
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN	-	-	I	-
2	-	BU	-	-	I	-
3	-	RD	-	-	I	-
4	-	BK	-	-	I	-
5	-	YE	-	-	I	-
6	-	WH	-	-	I	-

K47 REAR DIFFERENTIAL CLUTCH CONTROL MODULE X1 (F48)



Connector Part Information

- Harness Type: Chassis
- OEM Connector: 13586802
- Service Connector: 19354741
- Description: 20-Way F 1.5, 2.8 Series, Sealed (BK)

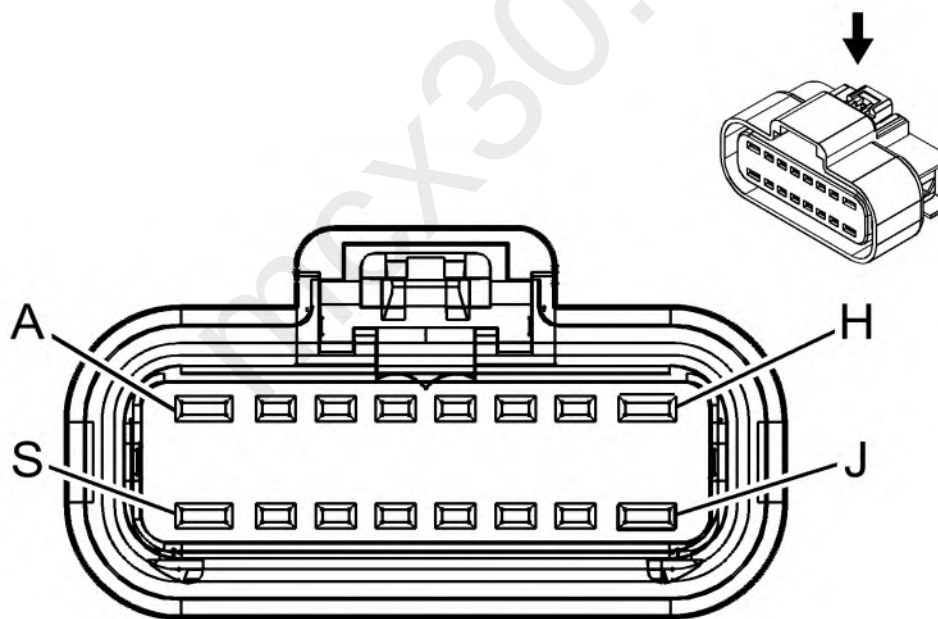
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575424	J-35616-14 (GN)	J-38125-557	Not Available	Not Available	Not Available	Not Available
II	13576371	J-35616-14 (GN)	J-38125-557	Not Available	Not Available	Not Available	Not Available
III	13579769	J-35616-4A (PU)	J-38125-11A	7116-4150-02	Yazaki 9	E	1
IV	13579770	J-35616-4A (PU)	J-38125-11A	7116-4152-02	Yazaki 9	A	5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	BN/GN	3945	All Wheel Drive Power Transfer Motor Control B	IV	-
2	0.5	GY/GN	1561	AWD Indicator Control	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	II	-
6	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	II	-
7	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
8	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
9	2.5	BK	2150	Ground	IV	-
10	0.5	RD/GY	1740	Battery Positive Voltage	III	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11	0.5	WH/BU	5986	Serial Data Communication Enable	III	-
12	2.5	VT/BN	3944	All Wheel Drive Power Transfer Motor Control A	IV	-
13	0.5	BK/VT	3846	All Wheel Drive Power Transfer Unit Position Sensor Low Reference	I	-
14	0.5	GN/BN	3848	All Wheel Drive Power Transfer Unit Position Sensor Signal	I	-
15	0.5	WH/RD	3847	All Wheel Drive Power Transfer Unit Position Sensor Voltage Reference	I	-
16	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	II	-
17	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	II	-
18	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
19	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
20	2.5	RD/BU	1542	Battery Positive Voltage	IV	-

K47 REAR DIFFERENTIAL CLUTCH CONTROL MODULE X2 (F48)



Connector Part Information

- Harness Type: Rear Axle
- OEM Connector: 15326084
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 150, 280 GT Series, Sealed (BK)

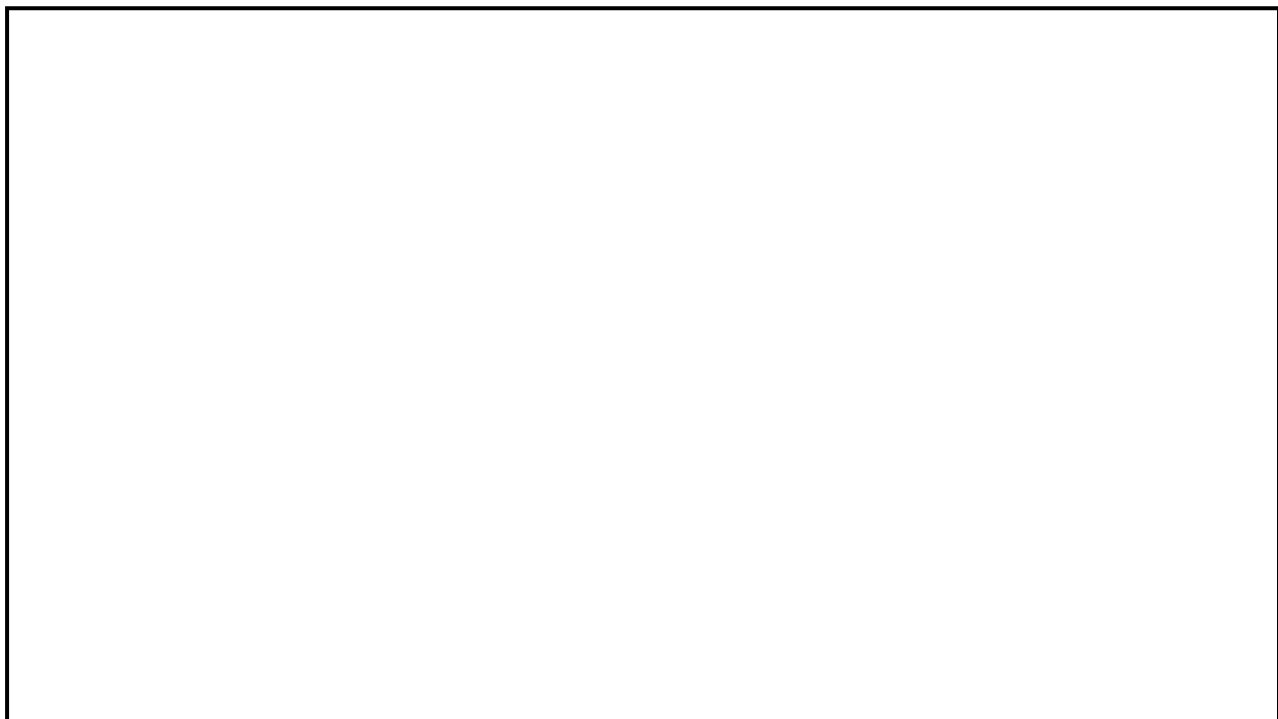
Terminal Part Information

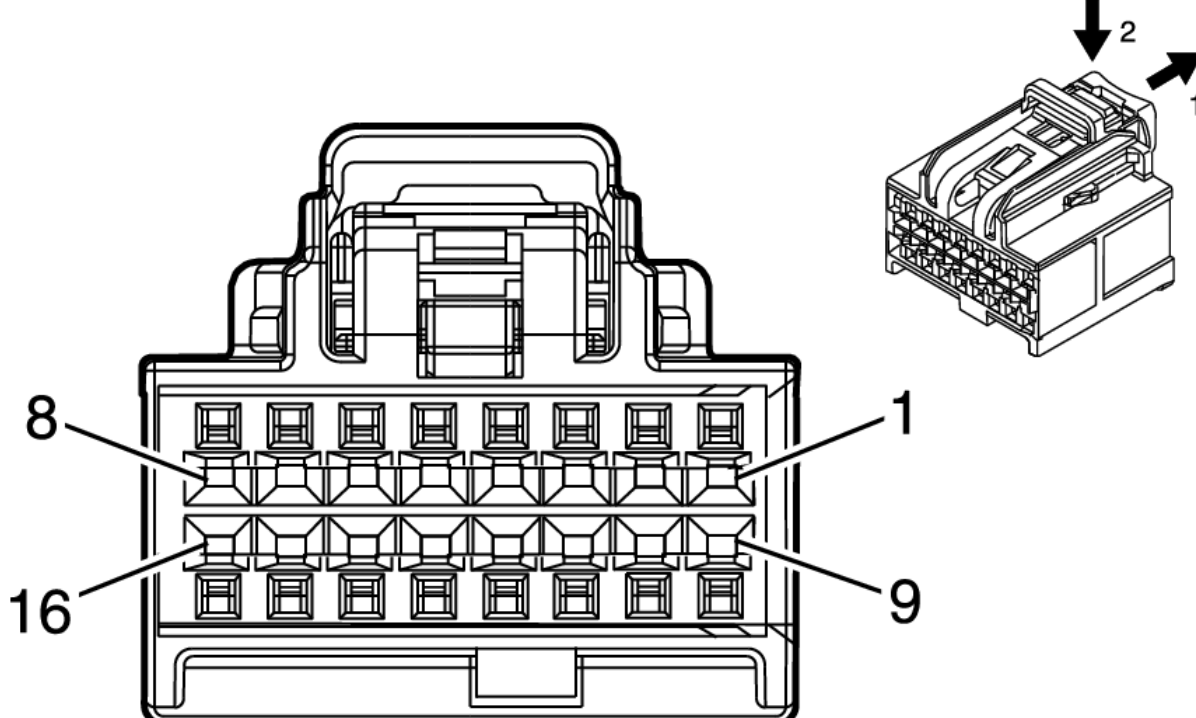
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	2.5	RD/BK	902	Differential Clutch Pump Motor V-Phase	I	-
B	0.5	BU/WH	905	Differential Clutch Pump Motor Hall-Effect Sensor Signal 1	I	-
C	0.5	BU/OG	906	Differential Clutch Pump Motor Hall-Effect Sensor Signal 2	I	-
D	0.5	BU	907	Differential Clutch Pump Motor Hall-Effect Sensor Signal 3	I	-
E	0.5	VT/WH	908	Differential Clutch Pump Motor Hall-Effect Sensor Supply Voltage	I	-
F	0.5	VT	904	Differential Clutch Pump Motor Hall-Effect Sensor Low Reference	I	-
G	-	-	-	Not Occupied	I	-
H	2.5	RD	901	Differential Clutch Pump Motor W-Phase	I	-
J	2.5	RD/WH	903	Differential Clutch Pump Motor U-Phase	I	-
K - N	-	-	-	Not Occupied	-	-
P	0.5	WH/BK	911	Differential Clutch Solenoid Valve 2 Low Control Signal	I	G99
R	0.5	WH/OG	910	Differential Clutch Solenoid Valve 1 Low Control Signal	I	G99
S	1	WH	909	Differential Clutch Solenoid Valve High Control Signal	I	G99

K56 SERIAL DATA GATEWAY MODULE X1





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 35016343
- Service Connector: 15136073
- Description: 16-Way F 0.64 OCS Series (BK)

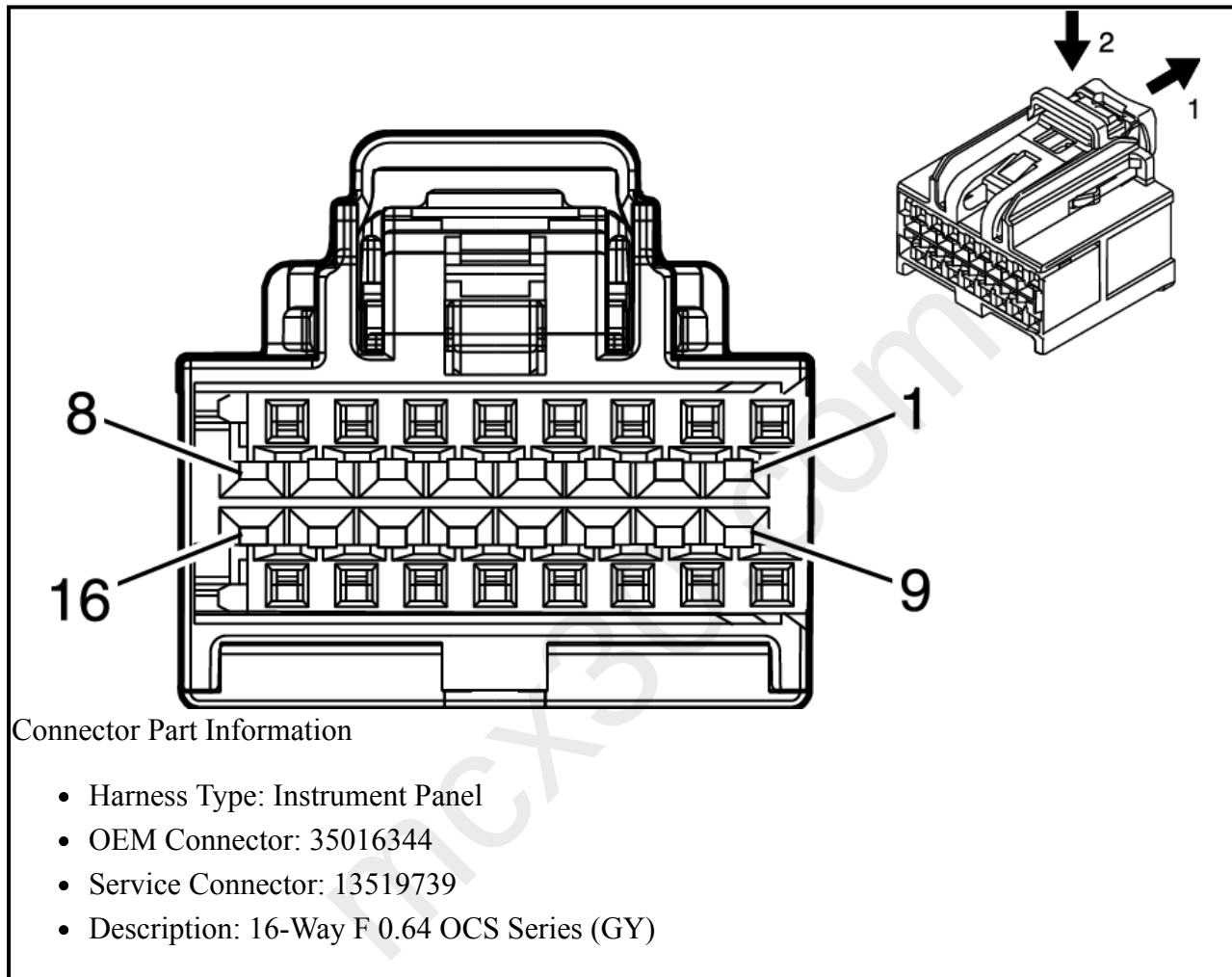
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13587581	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/WH	140	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	VT	1304	High Speed GMLAN Serial Data (+)9	I	-
4	0.35	VT/WH	1305	High Speed GMLAN Serial Data (-)9	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	BK/WH	1751	Signal Ground	I	-
7	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
8	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
9	-	-	-	Not Occupied	-	-
10	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
11	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
12	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
13	0.35	VT	1304	High Speed GMLAN Serial Data (+)9	I	-
14	0.35	VT/WH	1305	High Speed GMLAN Serial Data (-)9	I	-
15	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
16	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-

K56 SERIAL DATA GATEWAY MODULE X2



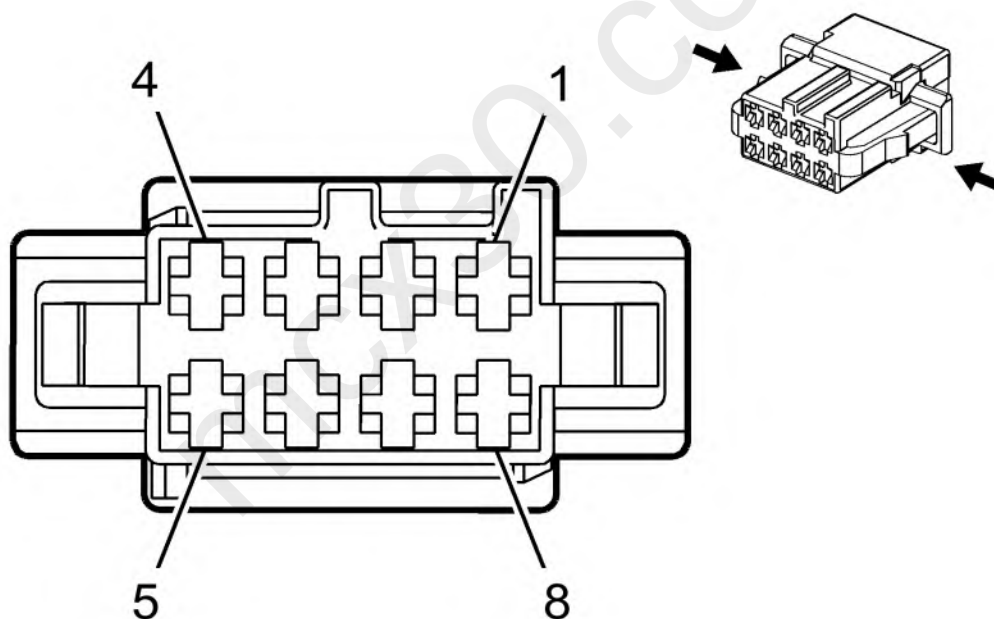
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13587581	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
2	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	BU/GY	3935	High Speed GMLAN Serial Data (+) 8	I	UGN

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	0.35	WH/GY	3936	High Speed GMLAN Serial Data (-) 8	I	UGN
7	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
8	0.35	WH/BK	6106	High Speed GMLAN Serial Data (-) 2	I	-
9 - 10	-	-	-	Not Occupied	-	-
11	0.35	BU/GY	3935	High Speed GMLAN Serial Data (+) 8	I	UGN
12	0.35	WH/GY	3936	High Speed GMLAN Serial Data (-) 8	I	UGN
13	0.35	VT	3935	High Speed GMLAN Serial Data (+) 8	I	UGN
14	0.35	VT/WH	3936	High Speed GMLAN Serial Data (-) 8	I	UGN
15	0.35	GN	6105	High Speed GMLAN Serial Data (+) 2	I	-
16	0.35	YE	6106	High Speed GMLAN Serial Data (-) 2	I	-

K60 STEERING COLUMN LOCK MODULE (N06)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 24466119
- Service Connector: 13576545
- Description: 8-Way F 1.6 Micro-Timer Series (BK)

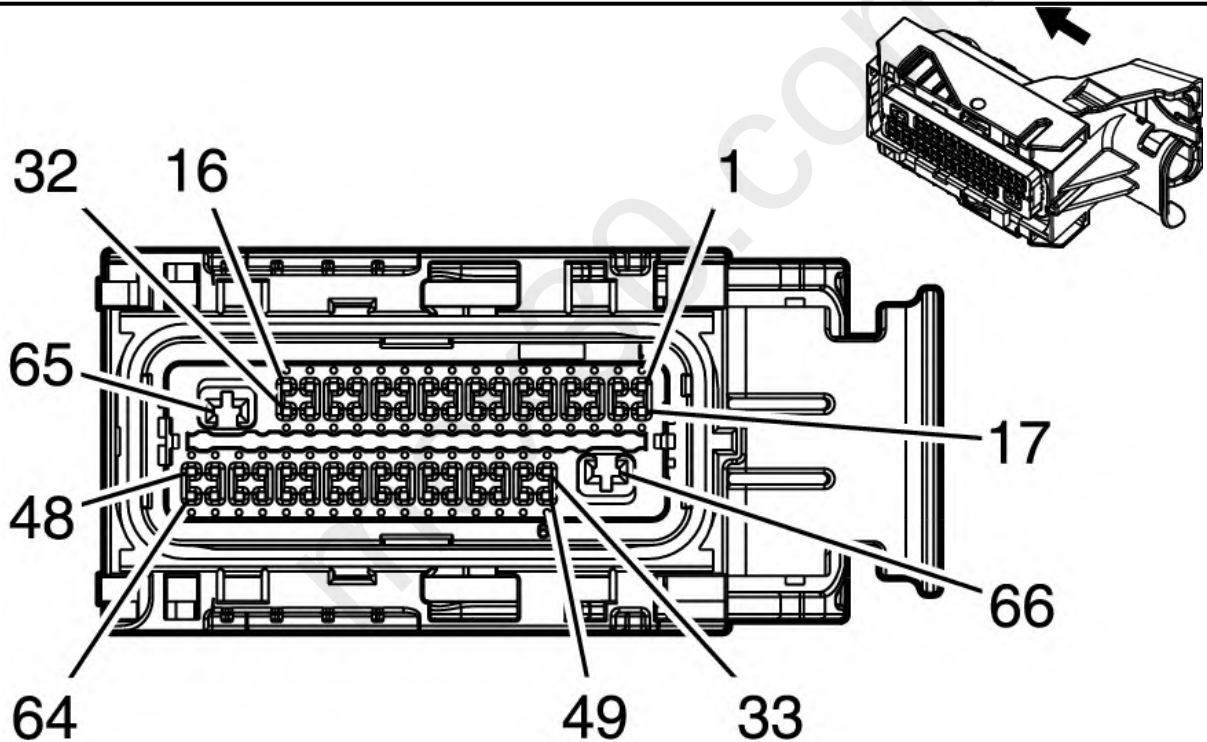
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	BU/VT	5904	Steering Column Lock Status Signal	I	-
3	0.35	BU/VT	807	OFF /Accessory Ignition Voltage	I	-
4	0.35	GN/VT	1601	Steering Column Lock Signal	I	-
5	0.35	RD/GY	4140	Battery Positive Voltage	I	-
6	0.35	BK	1750	Ground	I	-
7	0.35	BK/WH	1751	Signal Ground	I	-
8	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-

K71 TRANSMISSION CONTROL MODULE



Connector Part Information

- Harness Type: Engine
- OEM Connector: 12642692
- Service Connector: 19329822
- Description: 66-Way F 0.64, 2.8 Series, Sealed (BK with BK Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579769	J-35616-4A (PU)	J-38125-11A	7116-4151-02	Yazaki 9	C	1
II	13579770	J-35616-4A (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

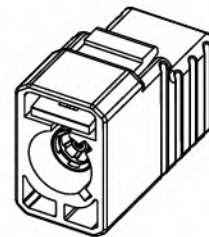
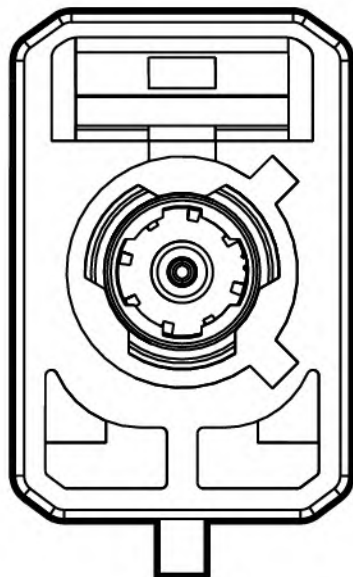
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
III	19330179	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BU	4507	Transmission Clutch H Control	III	-
2	0.5	BU	6401	Clutch B Control	III	-
3	0.5	GY/GN	6403	Clutch D Control	III	-
4	0.5	VT	4509	Transmission Clutch F Control	III	-
5 - 6	-	-	-	Not Occupied	-	-
7	0.5	YE/GN	4170	Transmission Position Sensor B 9V Reference	III	-
8	0.5	YE/BU	4171	Transmission Position Sensor A 9V Reference	III	-
9 - 12	-	-	-	Not Occupied	-	-
13	0.5	GN/VT	4510	Transmission Intermediate Speed Signal	III	-
14	0.5	GY/BU	6358	Output Speed Signal	III	-
15	0.5	GN/YE	6353	Input Speed Signal	III	-
16	-	-	-	Not Occupied	-	-
17	0.5	WH	4508	Transmission Clutch G Control	III	-
18	0.5	BN	6400	Clutch A Control	III	-
19	0.5	GY	6402	Clutch C Control	III	-
20	0.5	YE/BN	6404	Clutch E Control	III	-
21	0.5	GN/WH	6380	TCC On/Off Solenoid A Control	III	-
22	0.5	VT/BK	7553	Park Lock Solenoid Control	III	M3W
23	0.5	WH/GN	1222	1 Shift Solenoid Valve Control	III	-
24	0.5	YE/BK	1223	2 Shift Solenoid Valve Control	III	-
25 - 27	-	-	-	Not Occupied	-	-
28	0.5	BK/BN	586	Transmission Oil Temperature Sensor Low Reference	III	-
29 - 30	-	-	-	Not Occupied	-	-
31	0.75	GN/GY	4120	Local Interconnect Network Serial Data Bus 20	III	M3W
32	-	-	-	Not Occupied	-	-
33	0.5	GN/GY	6387	Transmission High Side Driver 1 Signal Driver	III	-
34	-	-	-	Not Occupied	-	-
35	0.5	VT/BK	2139	Run/Crank Ignition 1 Voltage	III	-
36	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
37	0.5 0.5	BU BU	2500 2500	High Speed GMLAN Serial Data (+) 1 High Speed GMLAN Serial Data (+) 1	III III	LFY LTG
38	0.5 0.5	WH WH	2501 2501	High Speed GMLAN Serial Data (-) 1 High Speed GMLAN Serial Data (-) 1	III III	LFY LTG
39 - 48	-	-	-	Not Occupied	-	-
49	0.5	GY/BN	6388	Transmission High Side Driver 2 Signal	III	-
50	-	-	-	Not Occupied	-	-
51	0.5	VT/YE	5985	Accessory Wakeup Serial Data	III	-
52	-	-	-	Not Occupied	-	-
53	0.75	BU	2500	High Speed GMLAN Serial Data (+) 1	III	M3W/M3V
54	0.75	WH	2501	High Speed GMLAN Serial Data (-) 1	III	M3W/M3V
55 - 58	-	-	-	Not Occupied	-	-
59	0.5	VT/WH	6319	ETRS Out of Park Switch 2 Signal	III	M3W
60	0.5	WH/BK	3705	ETRS Switch Analog Signal 2	III	M3W
61	0.5	WH/YE	6317	ETRS Out of Park Switch Signal	III	M3W
62	0.5	BN	3706	ETRS Switch Analog Signal 1	III	M3W
63	0.5	BN/WH	585	Transmission Oil Temperature Sensor Signal	III	-
64	0.5	GN/YE	5724	Ignition Mode Switch Mode Control	III	M3V
65	1 1.5	BK/WH BK/WH	451 451	Signal Ground Signal Ground	I II	M3V M3W
66	1	RD/GN	1840	Battery Positive Voltage	I	KL9

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X5





Connector Part Information

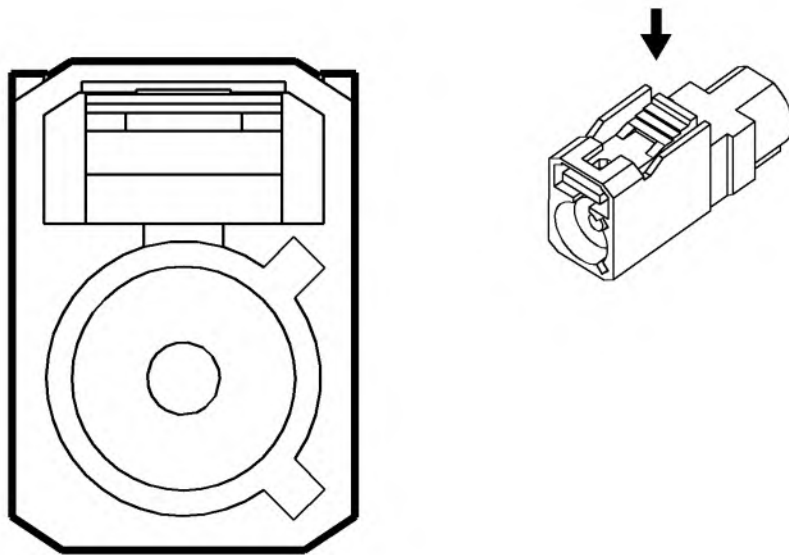
- Harness Type: Radio Antenna Amplifier COAX Jumper harness
- OEM Connector: 13581693
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (VT)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS/Cell) Coaxial Antenna Cell/GPS combined Signal	I	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X7 (UE1/UE3/UI3)



Connector Part Information

- Harness Type: Radio Antenna Amplifier COAX Jumper harness COAX
- OEM Connector: 13585503
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (PU)

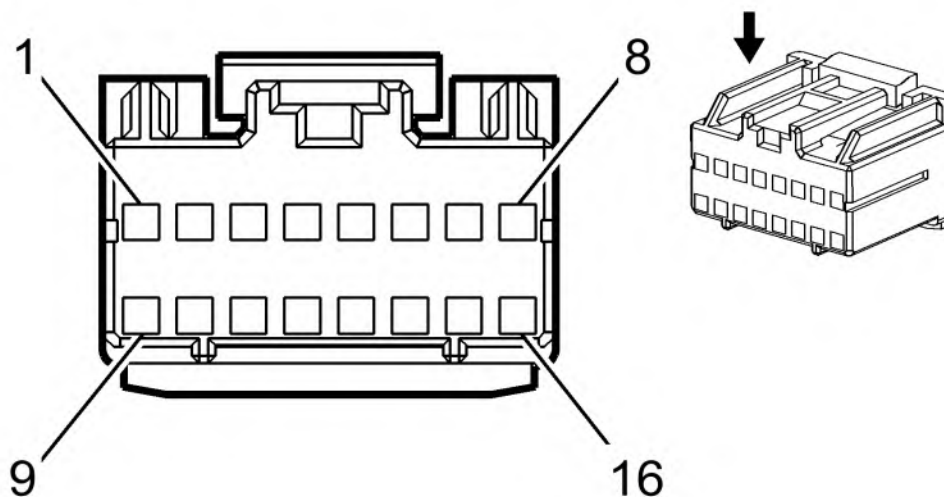
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(AM/FM) Antenna RF Signal	I	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X1 (W49)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 19153138
- Service Connector: 19153138
- Description: 16-Way F 040 Multilock II Series (WH)

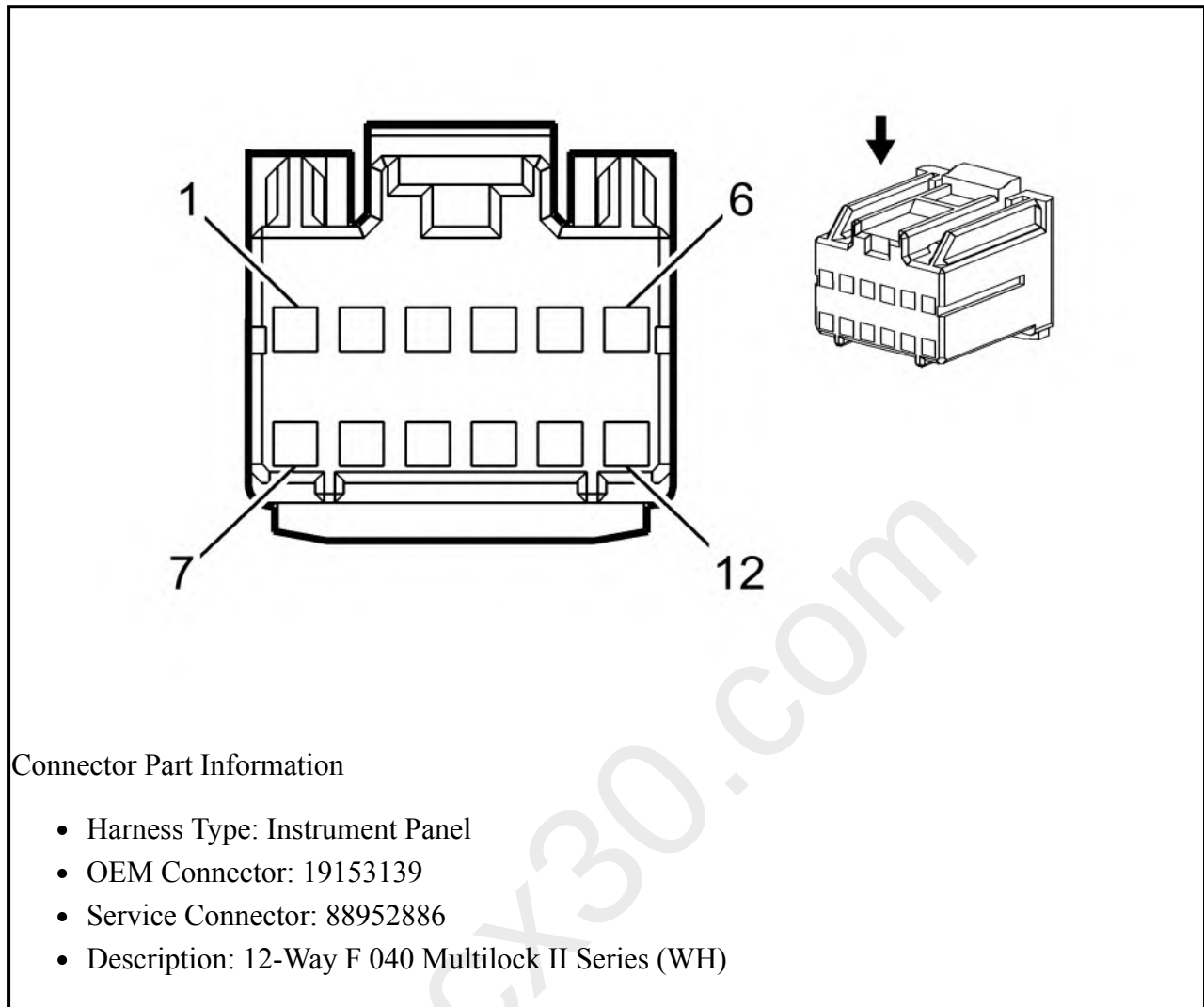
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575803	J-35616-16 (LT GN)	J-38125-559	15445905	Delphi 23	J	J
II	13575804	J-35616-16 (LT GN)	J-38125-559	15445905	Delphi 23	J	J

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	UE1/UI3
2	0.35	BN/WH	2517	Keypad Red LED Control	I	UE1/UI3
3	0.35	YE/VT	2516	Keypad Green LED Control	I	UE1/UI3
4 - 5	-	-	-	Not Occupied	-	-
6	0.35	GN/BK	2515	Keypad Control	I	UE1/UI3
7	0.5	BK/WH	1751	Signal Ground	II	UE1/UI3
8 - 9	-	-	-	Not Occupied	-	-
10	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	UE1+IO5/IO6
11	0.35	GN/WH	2514	Keypad Signal	I	UE1/UI3
12	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	UE1+IO5/IO6
13	0.35	BK/VT	5167	Battery Backup Low Reference	I	UE1
14	0.35	YE/VT	5235	Battery Backup Control	I	UE1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
15	0.5	RD/YE	740	Battery Positive Voltage	II	UE1/UI3
16	-	-	-	Not Occupied	-	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X2 (W49)



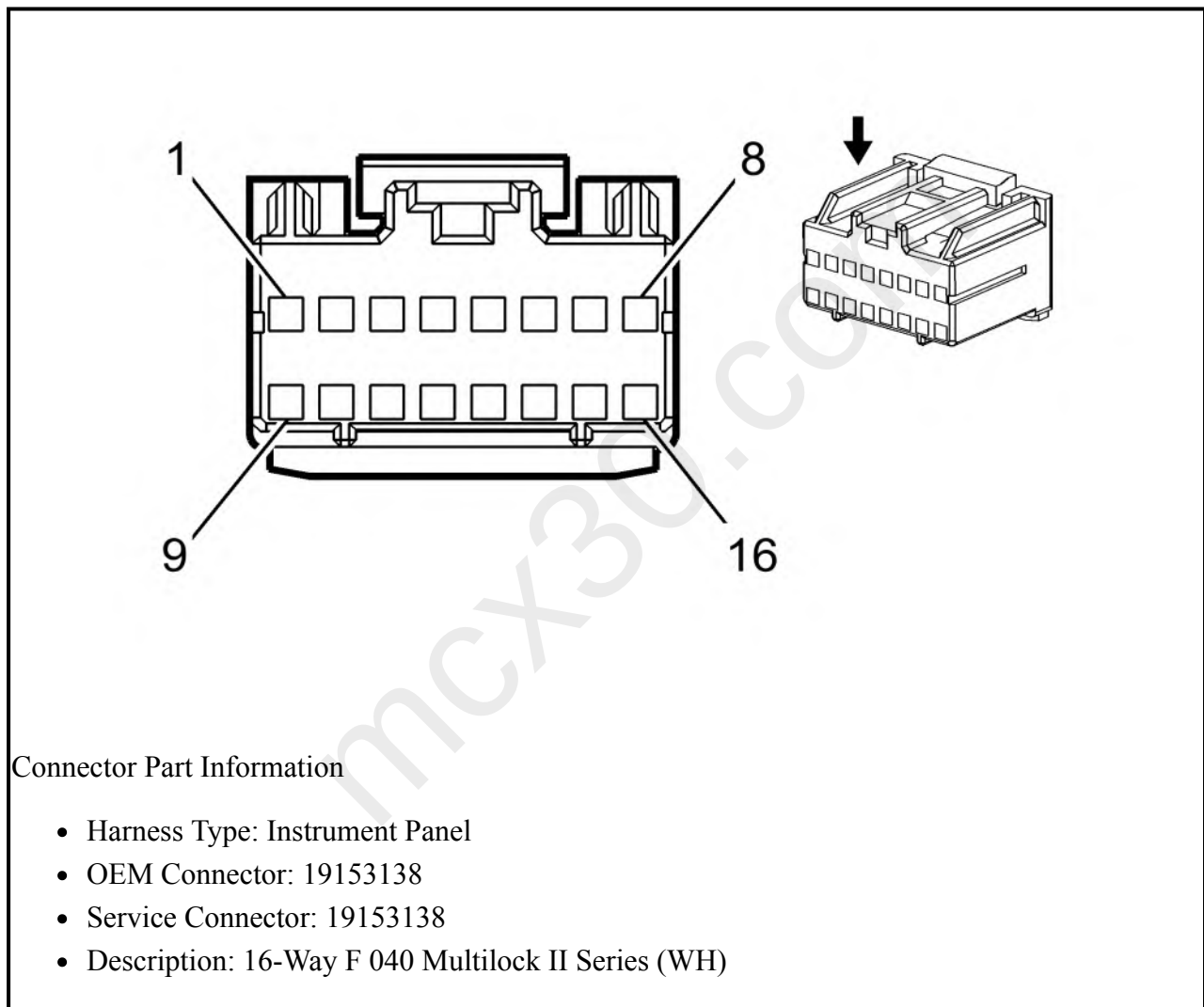
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575803	J-35616-16 (LT GN)	J-38125-559	15445905	Delphi 23	J	J
II	13575804	J-35616-16 (LT GN)	J-38125-559	15445905	Delphi 23	J	J

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	658	Cellular Telephone Voice Signal	I	IO5/IO6+UE1/UI3
2	0.35	BK/YE	659	Cellular Telephone Voice Low Reference	I	IO5/IO6+UE1/UI3
3	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	UE1
4	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	UE1
5	0.5	BARE	1792	Low Reference	II	IO5/IO6+UE1/UI3
6	0.35	GY/YE	5149	Voice Recognition Audio Signal	I	IO5/IO6+UE1/UI3

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.35	WH/BU	5986	Serial Data Communication Enable	I	UE1
8	0.5	BARE	1782	Low Reference	II	IO5/IO6+UE1/UI3
9	0.35	BU	655	Cellular Telephone Microphone Signal	I	IO5/IO6/IOA+UE1/UI3
10	0.35	BK/BN	654	Cellular Telephone Microphone Low Reference	I	IO5/IO6/IOA+UE1/UI3
11	-	-	-	Not Occupied	-	-
12	0.35	BK/GY	5152	Voice Recognition Audio Low Reference	I	IO5/IO6+UE1/UI3

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X1 (X88)



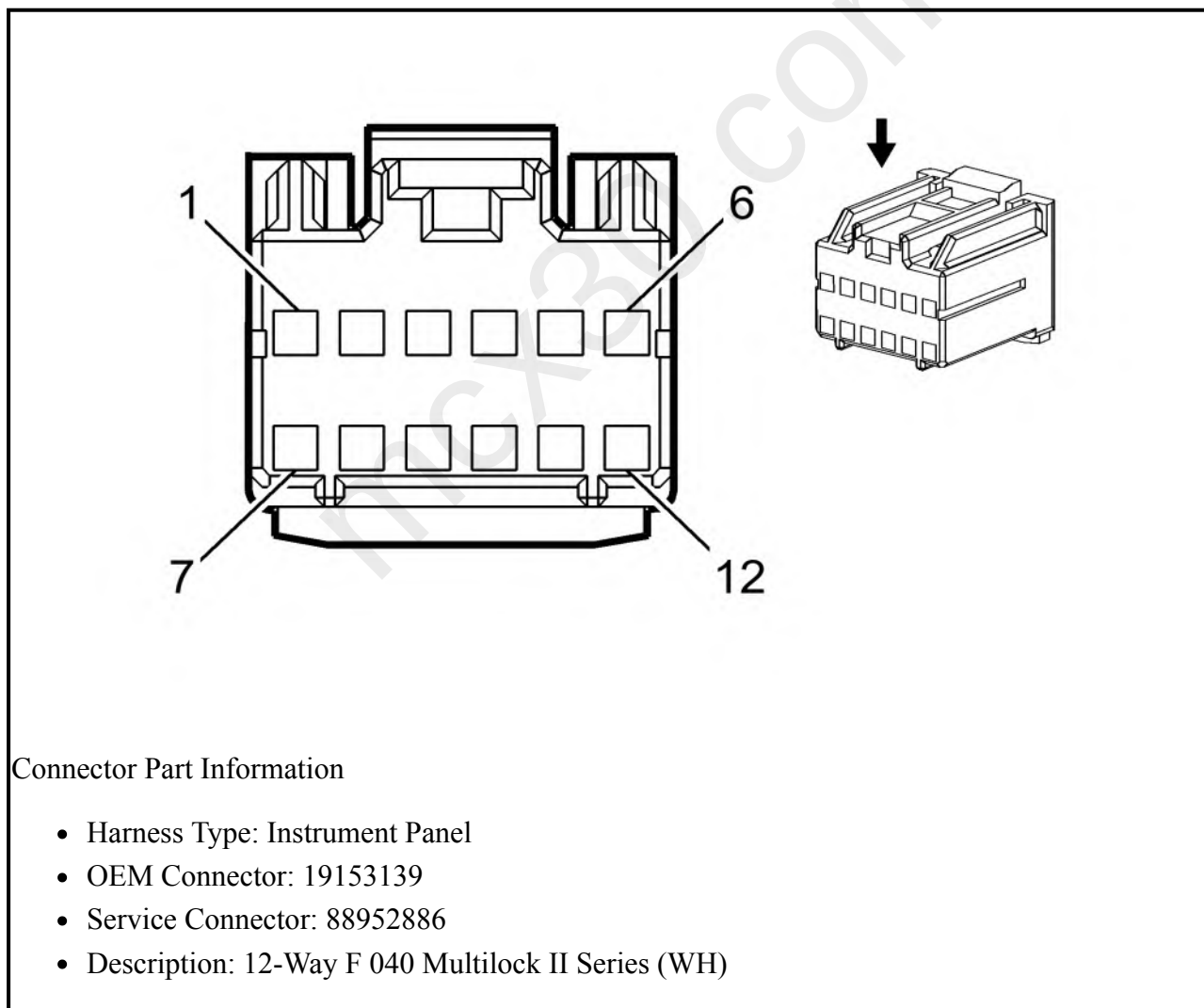
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575803	J-35616-16 (LT GN)	J-38125-559	15445905	Delphi 23	J	J
II	13575804	J-35616-16 (LT GN)	J-38125-559	15445905	Delphi 23	J	J

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	UE1/UI3

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.35	BN/WH	2517	Keypad Red LED Control	I	UE1/UI3
3	0.35	YE/VT	2516	Keypad Green LED Control	I	UE1/UI3
4 - 5	-	-	-	Not Occupied	-	-
6	0.35	GN/BK	2515	Keypad Control	I	UE1/UI3
7	0.5	BK/WH	1751	Signal Ground	II	UE1/UI3
8	-	-	-	Not Occupied	-	-
9	0.5	VT/WH	1159	External Speaker Signal (+)	II	UI3
10	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
11	0.35	GN/WH	2514	Keypad Signal	I	UE1/UI3
12	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
13	0.35	BK/VT	5167	Battery Backup Low Reference	I	UE1
14	0.35	YE/VT	5235	Battery Backup Control	I	UE1
15	0.5	RD/YE	740	Battery Positive Voltage	II	UE1/UI3
16	-	-	-	Not Occupied	-	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X2 (X88)



Terminal Part Information

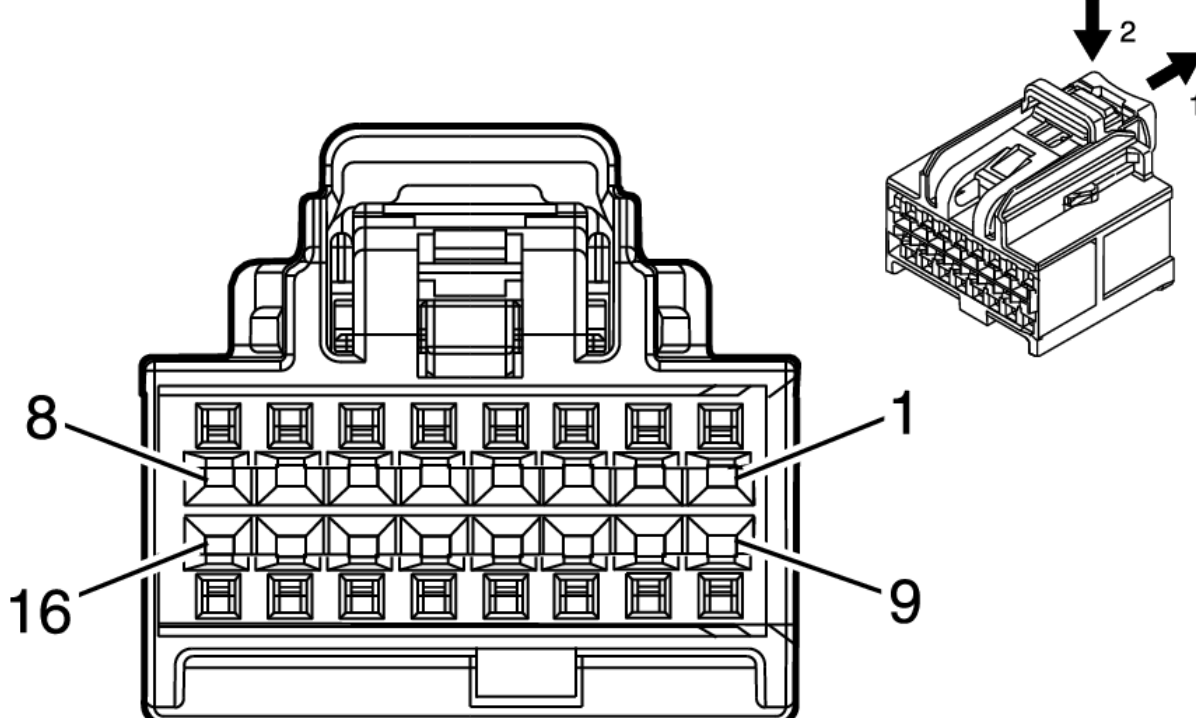
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575803	J-35616-16 (LT GN)	J-38125-559	15445905	Delphi 23	J	J

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
II	13575804	J-35616-16 (LT GN)	J-38125-559	15445905	Delphi 23	J	J

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	658	Cellular Telephone Voice Signal	I	IO5/IO6+UE1/UI3 IOA+UE1/UI3
	0.35	YE	658	Cellular Telephone Voice Signal	I	
2	0.35	BK/YE	659	Cellular Telephone Voice Low Reference	I	IO5/IO6+UE1/UI3 IOA+UE1/UI3
	0.35	BK/YE	659	Cellular Telephone Voice Low Reference	I	
3	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	UE1
4	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	UE1
5	0.5	BARE	1792	Low Reference	II	-
6	0.35	GY/YE	5149	Voice Recognition Audio Signal	I	IO5/IO6+UE1/UI3 IOA+UE1/UI3
	0.35	GY/YE	5149	Voice Recognition Audio Signal	I	
7	0.35	WH/BU	5986	Serial Data Communication Enable	I	UE1
8	0.5	BARE	1782	Low Reference	II	-
9	0.35	BU	655	Cellular Telephone Microphone Signal	I	IO5/IO6/IOA+UE1/UI3
10	0.35	BK/BN	654	Cellular Telephone Microphone Low Reference	I	IO5/IO6/IOA+UE1/UI3
11	0.5	GY/BK	1160	External Speaker Signal (-)	II	UI3
12	0.35	BK/GY	5152	Voice Recognition Audio Low Reference	I	IO5/IO6+UE1/UI3 IOA+UE1/UI3
	0.35	BK/GY	5152	Voice Recognition Audio Low Reference	I	

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X1 (IO5/IO6)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 35016343
- Service Connector: 15136073
- Description: 16-Way F 0.64 OCS Series (BK)

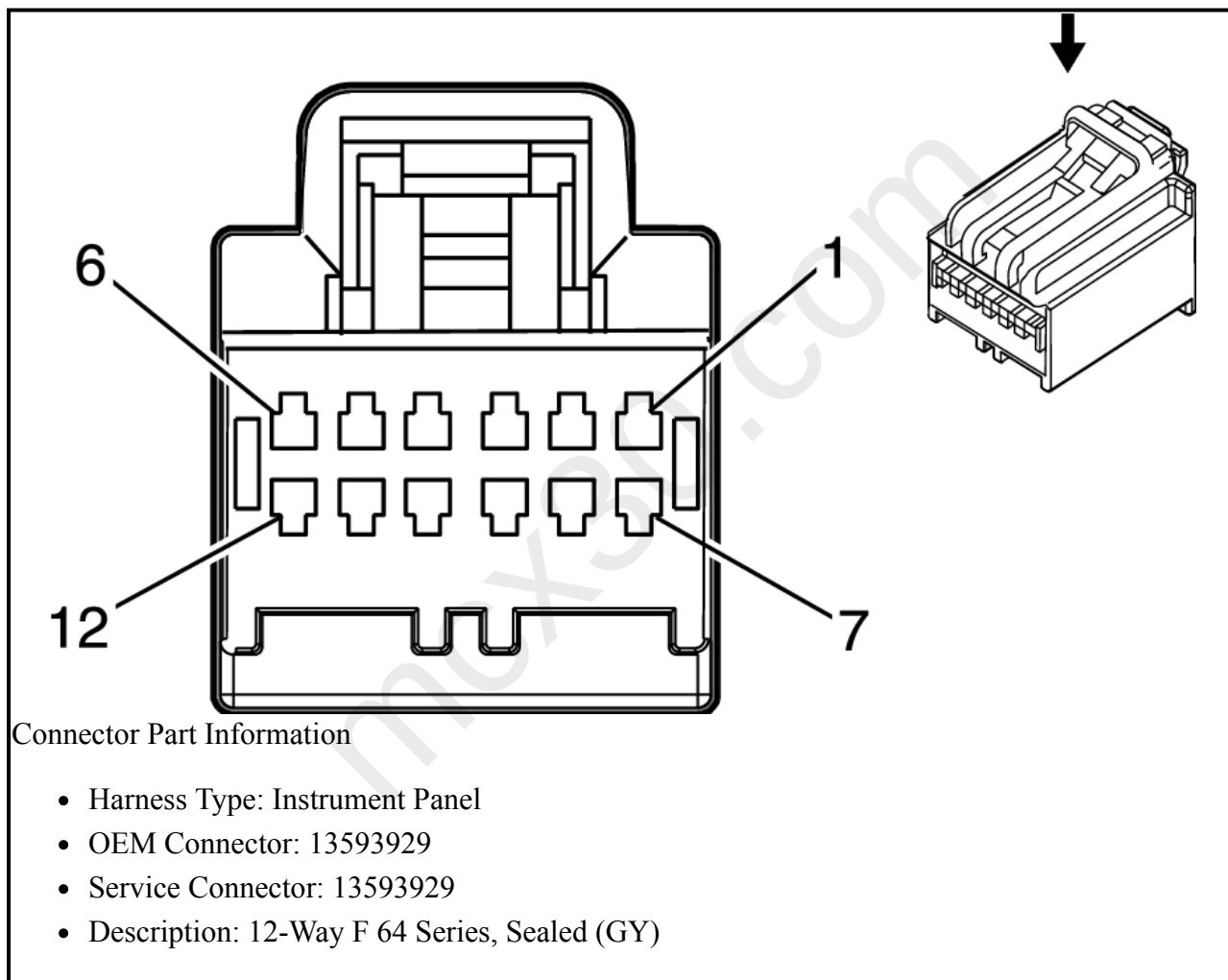
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575742	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
II	13575867	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
III	19119865	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35 0.35	GY/YE BU	5149 655	Voice Recognition Audio Signal Cellular Telephone Microphone Signal	II II	4NA IO5/IO6
2	0.35 0.35	BK/GY BK/BN	5152 654	Voice Recognition Audio Low Reference Cellular Telephone Microphone Low Reference	II II	4NA IO5/IO6
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	WH/BU	5986	Serial Data Communication Enable	II	-
6	-	-	-	Not Occupied	-	-
7	0.75	RD/VT	340	Battery Positive Voltage	III	-
8	0.5	BK	1550	Ground	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
9	0.35	GN/WH	7527	Local Interconnect Network Serial Data Bus 5	II	-
10	-	-	-	Not Occupied	-	-
11	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	II	-
12	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	II	-
13	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	II	-
14	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	II	-
15 - 16	-	-	-	Not Occupied	-	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X2 (IO5/IO6)



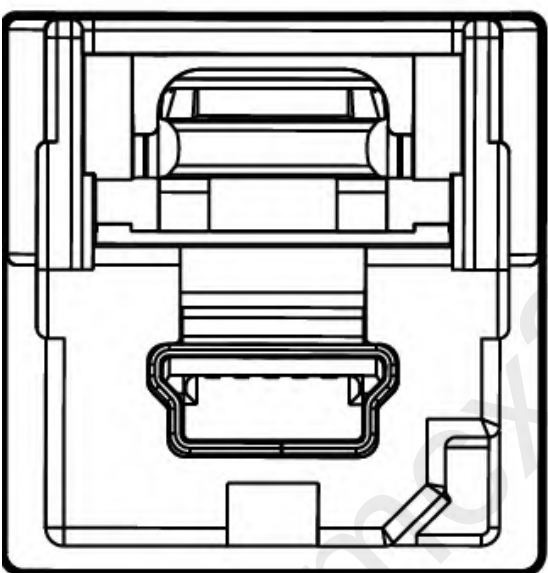
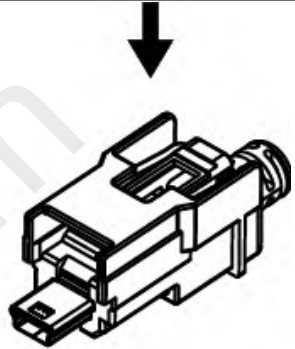
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
II	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/VT	3999	MOST Control	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.35	WH/GN	3997	MOST Serial Data (-)	II	UQA
	0.35	WH/GN	3997	MOST Serial Data (-)	I	-UQA
3	0.35	GY/VT	3998	MOST Serial Data (+)	II	UQA
	0.35	GY/VT	3998	MOST Serial Data (+)	I	-UQA
4	-	-	-	Not Occupied	-	-
5	0.35	GY/YE	6972	Camera Signal 2 +	II	UVH+VBM
	0.35	GY/YE	6972	Camera Signal 2 +	I	UVH-VBM
6	0.35	WH/BU	6973	Camera Signal 2	II	UVH+VBM
	0.35	WH/BU	6973	Camera Signal 2	I	UVH-VBM
7	-	-	-	Not Occupied	-	-
8	0.35	GY/YE	3937	MOST Serial Data (+) 2	II	-
9	0.35	WH/VT	3938	MOST Serial Data (-) 2	II	-
10 - 12	-	-	-	Not Occupied	-	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X3 (IO5/IO6)

Connector Part Information

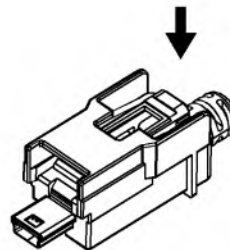
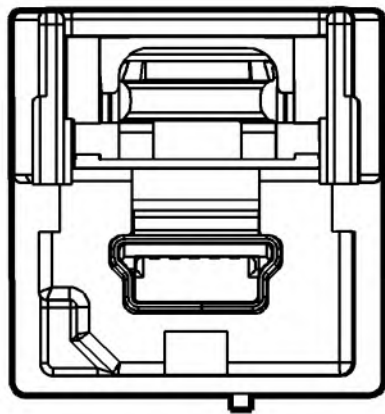
- Harness Type: Instrument Panel USB
- OEM Connector: 13576672
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X4 (IO5/IO6)



Connector Part Information

- Harness Type: Instrument Panel USB
- OEM Connector: 111014-9611
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GN)

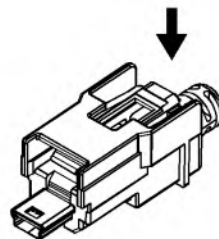
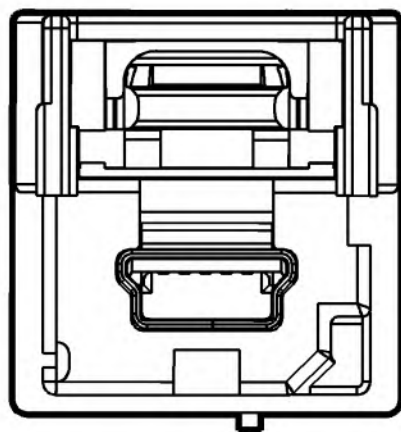
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X5 (IO5/IO6)





Connector Part Information

- Harness Type: Instrument Panel USB
- OEM Connector: 13578154
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BU)

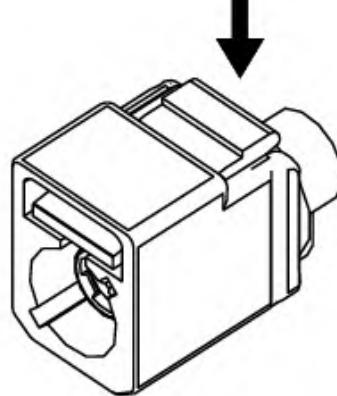
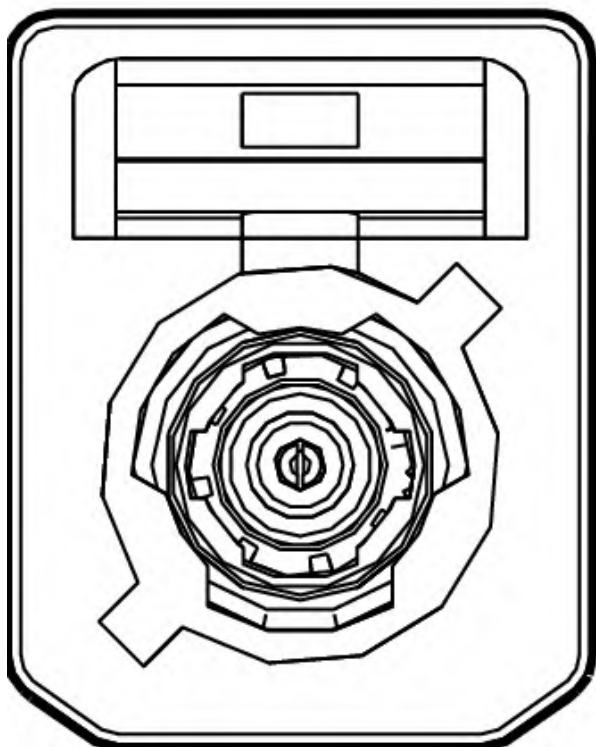
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X7 (IO5/IO6)





Connector Part Information

- Harness Type: Radio Antenna Amplifier COAX Jumper harness COAX
- OEM Connector: 13591270
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BU)

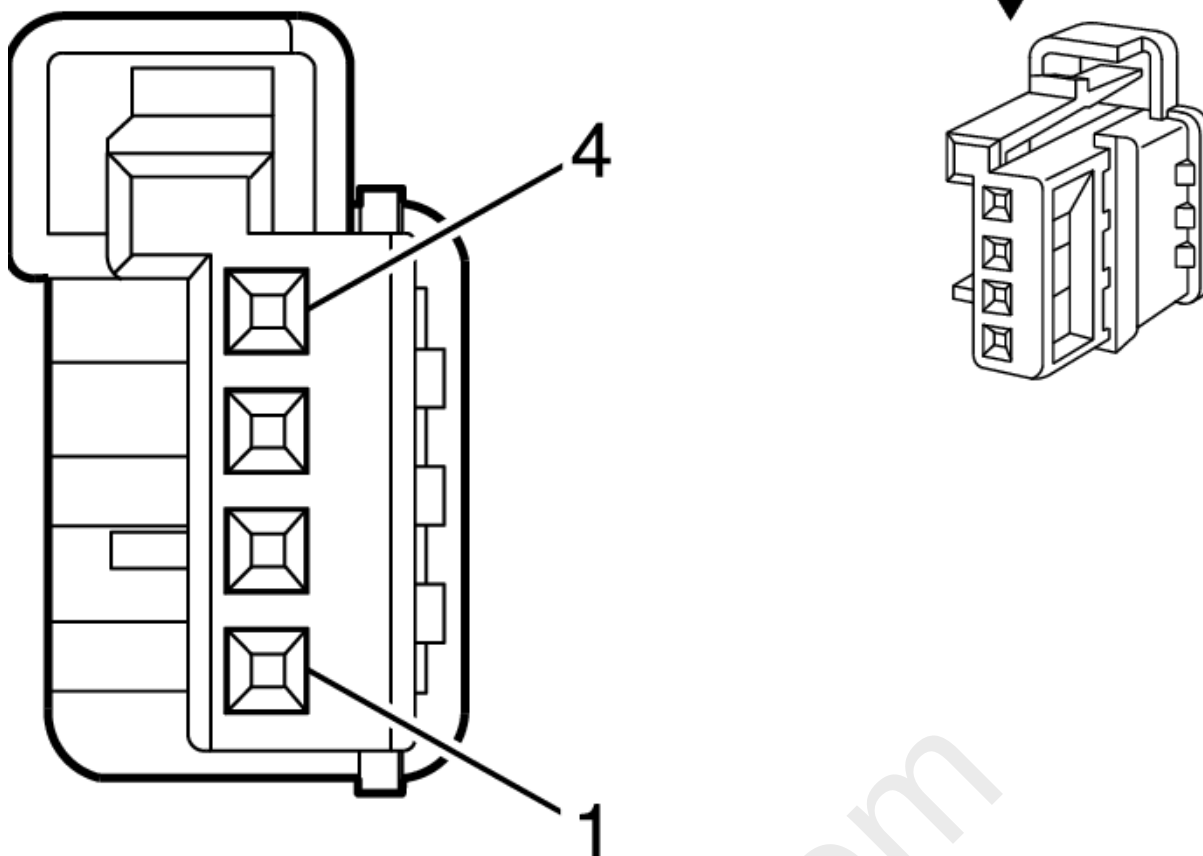
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(AM/FM) Antenna RF Signal	I	-

K77 REMOTE CONTROL DOOR LOCK RECEIVER





Connector Part Information

- Harness Type: Body
- OEM Connector: 13271140
- Service Connector: 13316147
- Description: 4-Way F 0.64 Micro-Quadlock Series (BU)

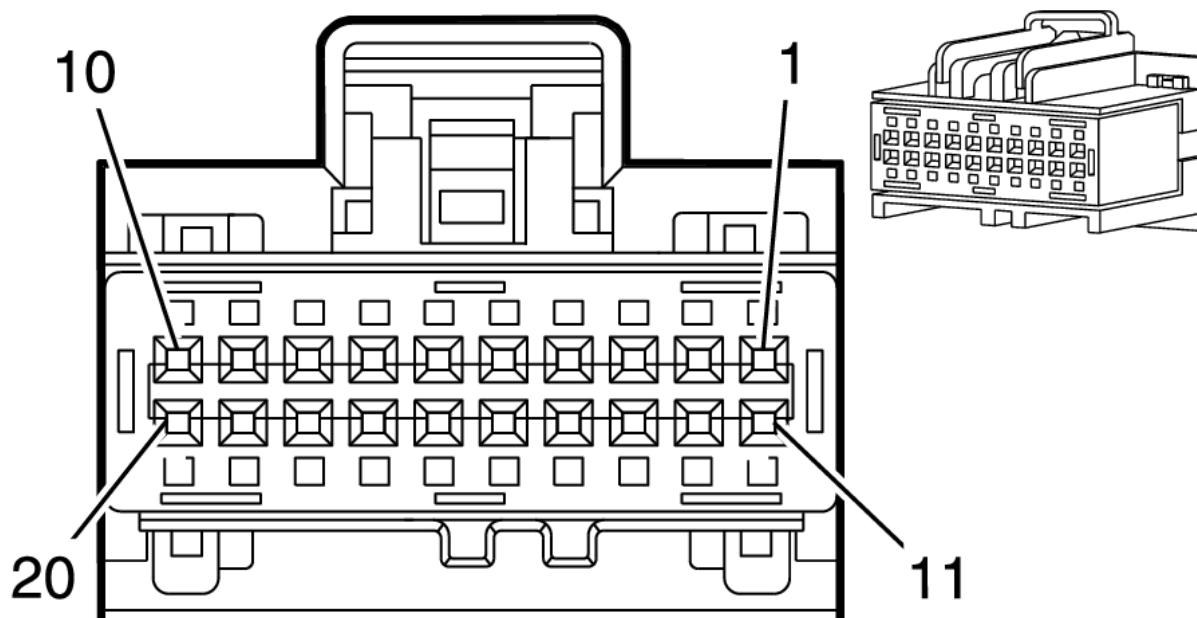
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	3273	Remote Function Actuator Low Reference	I	-
2	0.35	YE/GN	3274	Remote Function Actuator Transmit Signal	I	-
3	0.35	BU/WH	3275	Remote Function Actuator Receive Signal	I	-
4	0.35	GY/WH	3272	Remote Function Actuator Control	I	-

K84 KEYLESS ENTRY CONTROL MODULE X1 (X88)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 31410-0202
- Service Connector: 13593933
- Description: 20-Way F USCAR 64 Series (BN)

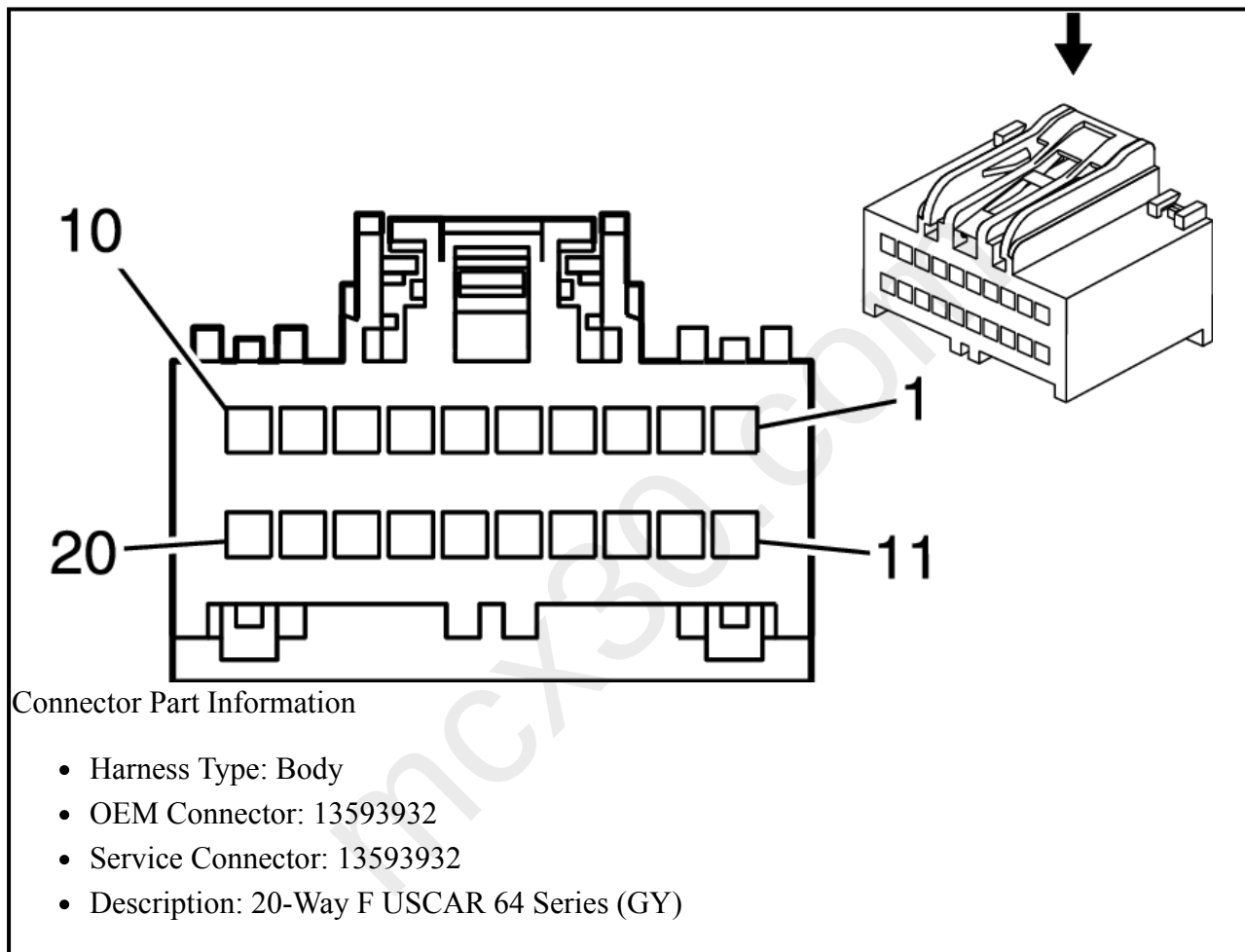
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575742	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P
II	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/VT	1601	Steering Column Lock Signal	II	-
2	0.35	RD/YE	4340	Battery Positive Voltage	II	-
3	0.35	GN	5060	Low Speed GMLAN Serial Data	II	-
4	-	-	-	Not Occupied	-	-
5	0.35	VT/YE	4	Accessory Ignition Voltage	II	-
6	-	-	-	Not Occupied	-	-
7	0.35	GY/GN	4083	RAP Relay 2 Coil Control	II	-
8	-	-	-	Not Occupied	-	-
9	0.35	WH/YE	3574	Driver Door Open Switch Signal	II	-
10	0.35	YE/BU	4086	Pushbutton Start Challenge Active Signal	II	-
11	0.35	GN/BK	3558	Passive Start Switch Signal 2	II	-
12	0.35	BK/GY	3559	Passive Start Switch 2 Low Reference	II	-
13	0.35	VT/BK	3	Run/Crank Ignition 1 Voltage	II	-
14	0.35	BK/WH	1351	Signal Ground	II	-
15	0.35	GY/BK	3555	Passive Start Interior Antenna 2 Signal Lo	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
16	0.35	BN/BK	3552	Passive Start Interior Antenna 1 Signal Hi	II	-
17	0.35	WH	3553	Passive Start Interior Antenna 1 Signal Lo	II	-
18	0.5	WH/GN	3556	Passive Start Interior Antenna 3 Signal Hi	I	-
19	0.5	GN	3557	Passive Start Interior Antenna 3 Signal Lo	I	-
20	0.35	BU	3554	Passive Start Interior Antenna 2 Signal Hi	II	-

K84 KEYLESS ENTRY CONTROL MODULE X2



Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575742	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P
II	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/GY	6158	Right Rear Door Handle Switch Signal	I	-
2	0.5	BN/YE	6157	Left Rear Door Handle Switch Signal	I	-
3 - 5	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	0.35	VT	3560	Passive Entry Driver Door Antenna Signal Hi	II	-
7	0.35	VT/GY	3561	Passive Entry Driver Door Antenna Signal Lo	II	-
8	0.35	GY	2066	Handsfree Projection Lamp Control	II	-
9	0.35	GN/BK	3563	Passive Entry Passenger Door Antenna Signal Lo	II	-
10	-	-	-	Not Occupied	-	-
11	0.35	VT/WH	3571	Passenger Door Handle Switch Signal	II	-
12	0.35	GN/WH	3570	Driver Door Handle Switch Signal	II	-
13 - 15	-	-	-	Not Occupied	-	-
16	0.35	BN/GN	3568	Passive Entry Rear Closure Antenna Signal Hi	II	-
17	-	-	-	Not Occupied	-	-
18	0.35	GN/GY	3569	Passive Entry Rear Closure Antenna Signal Lo	II	-
19	-	-	-	Not Occupied	-	-
20	0.35	GN/YE	3562	Passive Entry Passenger Door Antenna Signal Hi	II	-