

Interconnector - P6L ECO MUX

Main GHARB STEEL				IC02A 16WGY	Engine GHARB STEEL			
Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part
8007	4W BR	3	8055	1	8055	O2	64W BK	1320
1508	5W BK	2	1523	2	1523	K4	64W GY	1320
1509	5W BK	2	1525	3	1525	K3	64W GY	1320
8007	4W BR	2	807	4	807	O1	64W BK	1320
BF00D	8W BK	E3	C142	5	C142	S4	8W BK	BF004
IC20A	9W BR	2B						
C001	16W BK	1						
8007	4W BR	1						
8007	4W BR	4						
FCMB	15W WI	9A	1070	6	1070	1	2W BK	1020A
FCMA	15W BK	3B	8079	7	8079	1	2W YL	8020
BF00D	8W BK	E4	1086	8	1086	1	1W	1010A
2100	4W WI	2	215	9	215	A3	64W GY	1320
2100	4W WI	4	218	10	218	A2	64W GY	1320
IC20A	9W BR	3B	146	11	146	L1	64W GY	1320
				12				
				13				
				14				
				15	X1A3	A3	64W BK	1320
				16	X1A4	A4	64W BK	1320
Main GHARB STEEL				IC02B 16WBK	Engine GHARB STEEL			
Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part
4310	6W BK	5	430	1	430	M4	64W BK	1320
4310	6W BK	6	431	2	431	M3	64W BK	1320
4310	6W BK	3	121	3	121	B5	10W BK	1304
1510	3W BK	1	1510	4	1510	O4	64W BK	1320
1509	5W BK	5						
1506	3W BK	1	9019C	5	9019C	A2	64W BK	1320
C001	16W BK	14						
7020	38W BK	2						
IC23C	16W BK	14	9020C	6	9020C	A1	64W BK	1320
C001	16W BK	6						
7020	38W BK	14						
IC23C	16W BK	15	1411A	7	141	B1	64W BK	1320
C001	16W BK	7						
FCMA	15W BK	7A	410	8	410	2	2W GY	4110
FCMA	15W BK	6A	220	9	220	2	2W GY	2200
7045	2W BR	2	7045	10	7045	A4	64W GY	1320
1261	4W BK	1	1377	11	1377	J1	64W BK	1320
1261	4W BK	2	1379	12	1379	J2	64W BK	1320
1261	4W BK	3	1378	13	1378	J4	64W BK	1320
1261	4W BK	4	1380	14	1380	J3	64W BK	1320
8208	4W WI	2	822	15	822	B2	64W BK	1320
E001			E221	16	E220	1	2W GY	2200
2620	2W BR	2						
2610	3W GY	3						
2670	2W GY	2						
2320	2W GY	1						
8611	2W BK	2						
2340	2W BR	2						
5015	5W YL	1						
RB002	10W BK	4A						

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Main Crouse					IC02A 10w GY	Engine Crouse				
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function
Gas Pressure Switch	8007	4W BR	3	8055	1	8055	B23	90W BK	1320	Gas Pressure Switch
Fan Relay	RB003	10W WI	2A	1523	2	1523	A9	90W BK	1320	Fan Relay Low Speed
Fan Relay	RB003	10W WI	2B	1525	3	1525	A10	90W BK	1320	Fan Relay High Speed
Gas Pressure Switch	8007	4W BR	2	807	4	807	B87	90W BK	1320	Gas Pressure Switch
Gas Pressure Switch	8007	4W BR	1	C142	5	C142	B29	90W BK	1320	V IGN
Gas Pressure Switch	8007	4W BR	4							
OBD Connector Power	C001	16W BK	1							
Immobilizer Power	8208	8W BK	4							
ICN	IC20A	9W BR	2B							
F34	BF00D	8W BK	E3							
Alternator	FCM	15W WI	9A	1070	6	1070	1	2W BK	1020A	Alternator
Compressor Clutch Command	FCM	15W BK	3B	8079	7	8079	1	2W YL	8020	Compressor Clutch Command
F33	BF00D	8W BK	E4	1086	8	1086	1	1W	1010A	Starter
Not Used					9					Not Used
Not Used					10					Not Used
Main Crouse					IC02A 16w GY	Engine Crouse				
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function
Not Used					1					Not Used
Gas Pressure Switch	8007	4W BR	3	8055	2	8055	B23	90W BK	1320	Gas Pressure Switch
Fuel Guage	4310	6W BK	6	430	3	430	B46	90W BK	1320	Fuel Guage
Fuel Guage	4310	6W BK	5	431	4	431	B82	90W BK	1320	Fuel Guage
Fuel Pump	4310	6W BK	3	121	5	121A	B3	10W BK	RLYb	Fuel Pump Relay
Fan Relay	RB003	10W BK	2A	1523	6	1523	A9	90W BK	1320	Fan Relay Low Speed
Fan Relay	RB003	10W BK	2B	1525	7	1525	A10	90W BK	1320	Fan Relay High Speed
Fan	1510	3W BK	1	1510	8	1510	A45	90W BK	1320	Cooling Fan Diagnosis Signal Input
Fan Resistor	1506	3W BK	1							
Fan Relay	RB003	10W BK	5B							
Diagnostic Connector CAN L	C001	16W BK	14	9019C	9	9019C	B57	90W BK	1320	ECU CAN L
ABS CAN L	7020	38W BK	14							
Immobilizer CAN L	8208	8W BK	6							
CAN L	IC23C	16W BK	14							
Diagnostic Connector CAN H	C001	16W BK	6	9020C	10	9020C	B88	90W BK	1320	ECU CAN H
ABS CAN H	7020	38W BK	26							
Immobilizer CAN H	8208	8W BK	5							
CAN H	IC23C	16W BK	15							
Gas Pressure Switch	8007	4W BR	2	807	11	807	B87	90W BK	1320	Gas Pressure Switch
Gas Pressure Switch	8007	4W BR	1	C142	12	C142	B29	90W BK	1320	V IGN (After Switch)
Gas Pressure Switch	8007	4W BR	4							
OBD Connector Power	C001	16W BK	1							
Immobilizer Power	8208	8W BK	4							
ICN Power	IC20A	9W BR	2B							
F34	BF00D	8W BK	E3							
OBD Connector	C001	16W BK	7	1411A	13	1411	B56	90W BK	1320	OBD Connector
Oil Pressure Sensor	FCM	15W BK	7A	410	14	410	2	2W GY	4110	Engine Oil Pressure Sensor
Reverse Gear Switch	FCM	15W BK	6A	220	15	220	2	2W GY	2200	Reverse Gear Switch
Alternator	FCM	15W WI	9A	1070	16	1070	1	2W BK	1020A	Alternator

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Main Crouse					IC02B 10w BK	Engine Crouse					
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function	
Fuel Guage	4310	6W BK	6	430	1	430	B46	90W BK	1320	Fuel Guage	
Fuel Guage	4310	6W BK	5	431	2	431	B82	90W BK	1320	Fuel Guage	
Fuel Pump	4310	6W BK	3	121	3	121A	B3	10W BK	RLYb	Fuel Pump Relay	
Fan	1510	3W BK	1	1510	4	1510	A45	90W BK	1320	FAN	
Fan Resistor	1506	3W BK	1								
Fan Relay	RB003	10W BK	5B								
Diagnostic Connector CAN L	C001	16W BK	14	9019C	5	9019C	B57	90W BK	1320	ECU CAN L	
ABS CAN L	7020	38W BK	14								
Immobilizer CAN L	8208	8W BK	6								
CAN L	IC23C	16W BK	14	9020C	6	9020C	B88	90W BK	1320	ECU CAN H	
Diagnostic Connector CAN H	C001	16W BK	6								
ABS CAN H	7020	38W BK	26								
Immobilizer CAN H	8208	8W BK	5	1411A	7	1411	B56	90W BK	1320	OBD Connector	
CAN H	IC23C	16W BK	15								
OBD Connector	C001	16W BK	7	410	8	410	2	2W GY	4110	Engine Oil Pressure Sensor	
Oil Pressure Sensor	FCM	15W BK	7A	220	9	220	2	2W GY	2200	Reverse Gear Switch	
Reverse Gear Switch	FCM	15W BK	6A		10						

Main Crouse					IC02B 6w BK	Engine Crouse					
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function	
Compressor Clutch Command	FCM	15W BK	3B	8079	1	8079	1	2W YL	8020	Compressor Clutch Command	
Not Used					2					Not Used	
F33	BF00D	8W BK	E4	1086	3	1086	1	1W	1010A	Starter	
Not Used					4					Not Used	
Not Used					5					Not Used	
Not Used					6					Not Used	

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Main					IC23B 6w BK	Interior				
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function
Bonnet Switch	8611	2W BK	1	8601	1	8601	6	40W BK	BCM	Bonnet Switch Statuses
Rar Wash Pump Relay (-)	FCM	15W WI	A4	521	2	521A	A2	10W GY	RB00A	Rar Wash Pump Relay (-)
Horn Relay (RLY2)	RB001	10W GY	A2	253	3	253	24	40W BK	BCM	Horn Command
OBD Connector For Radio Code	C001	16W BK	11	9008	4	9008	15	16W BK	8410E	Radio
Front Wash Pump	5115	2W GN	2	513	5	E513(S D)	7	14W BK	IC72	RLH Door Lock Assembly Ground
							EC23			
							2	4W GN	3010	Roof Lamp Ground
							4	40W BK	BCM	Ground
							10	16W BK	IC70	FLH Door Ground
							B1	15W WI	BCM	Ground
							1	2W WI	4730	Seat Belt Switch Ground
							2	2W BR	4400	Hand Brake Switch Ground
							A2	10W WI	RB00B	Heater Relay Ground
							A3	10W GY	RB00A	Wash Pump Relay (HB)
Wiper Relay (Relay RLY4)	RB002	10W BK	A1	B102A	6	B091	A5	10W GY	RB00D	Rear Wiper Relay (HB)
Wiper Relay (Relay RLY4)	RB002	10W BK	A5							
Wiper Relay (Relay RLY3)	RB002	10W BK	B1							
F12	BF003	8W BK	E1							

Engine					IC22A 6w BK	Injector				
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function
Engine ECU (-)	1320	90W BK	B59	1321	1	1321	1	2W BK	1331	Injector 1 (ECU Earth)
Engine ECU (-)	1320	90W BK	B89	1322	2	1322	1	2W BK	1332	Injector 2 (ECU Earth)
Oxygen Sensor	1350B	4W BK	3	1200	3	1320	2	2W BK	1331	Injector 1 (+)
Ignition Coil	1135	6W BK	2				2	2W BK	1332	Injector 2 (+)
Canister Discharge Electrovalve	1215	2W BR	2				2	2W BK	1333	Injector 3 (+)
Main Relay	RLYb	10W BK	A5				2	2W BK	1334	Injector 4 (+)
Engine ECU (+)	1320	90W BK	A66							
Not Used					4					Not Used
Engine ECU (-)	1320	90W BK	B90	1323	5	1323	1	2W BK	1333	Injector 3 (ECU Earth)
Engine ECU (-)	1320	90W BK	B60	1324	6	1324	1	2W BK	1334	Injector 4 (ECU Earth)

Main					IC20A 9w BR	Dashboard						
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function		
Not Used					1A					Not Used		
Not Used					2A					Not Used		
Not Used					4A					Not Used		
Not Used					5A					Not Used		
Interior Fuse Box (F36)	BF00D	8W BK	E1	BB4C	1B	BB4C	1	18W WI	ICN	ICN power		
Diagnostic Connector Power	C001	16W BK	16									
Interior Relays	IC23C	16W BK	9						B111	1	18W WI	7215
Immobilizer Power	8208	8W BK	1	A038	2B	A038	9	18W WI	ICN	ICN (Ignition)		
Gas Pressure Switch Power (Ignition)	8007	4W BR	1									
Gas Pressure Switch Power (Ignition)	8007	4W BR	4									
Diagnostic Connector (Ignition)	C001	16W BK	1									
Immobilizer (Ignition)	8208	8W BK	4									
ICN (Ignition)	IC02A	16W GY	12									
ICN (Ignition)	IC02A	10W GY	5									
Pressostat/ECU(Ignition) (F34)	BF00D	8W BK	E3									
Immobilizer Power (Ignition)	8208	8W BK	3	146A	3B	146A	13	18W WI	ICN	Immobilizer Ignition (blinking)		
Not Used					4B					Not Used		
Not Used					5B					Not Used		

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Main					IC23C 16w BK	Interior					
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function	
Interior Fuse Box (F9 or F10)	BF003	8W BK	E4	B09	1	B12	S1	8W BK	BF00C	F31	
Head lamp Height Adjuster	6600	6W BK	4	V09	2	V091	S2	8W BK	BF00C	F32	
							1	2W YL	3053	Cigar Lighter Lamp	
RH Front Side Lamp	2625	2W BR	1	V09	2	V091	4	9W YL	6120	Isolator Switch Backlight	
							3	16W BK	IC82	Plate Number Lamps (HB)	
LH Front Side Lamp	2620	2W BR	1	V09	2	V091	A7	15W WI	BCM	Side Lamp	
							5	12W WI	8410B	Radio Backlight	
FLH Repeater Flasher	2320	2W GY	2	2332	3	2333B	1	3W BK	8100	Cigar Lighter	
LH Side Repeater Flasher	2340	2W BR	1	2333			1	2W BK	2633	RH Plate Number Lamp (SD)	
FRH Repeater Flasher	2325	2W GY	2	2342	4	2343B	1	2W BK	2636	LH Plate Number Lamp (SD)	
RH Side Repeater Flasher	2345	2W BR	1	2343			1	6W BK	2635	Rear RH Side Lamp	
Stop Lamp Switch	2100	4W WI	1	211	5	A21	5	6W BK	2630	Rear LH Side Lamp	
ACC	FCM	15W WI	6B	A22			1	6W BK	2630	Rear LH Indicator	
CAN H	FCM	15W BK	2A	9022	6	9022	A8	15W WI	BCM	LH Indicators	
CAN L	FCM	15W BK	1A	9021			6	6W BK	2635	Rear RH Indicator	
Interior Fuse Box (F3)	BF001	8W BK	E2	B03	8	B2	A9	15W WI	BCM	RH Indicators	
Interior Fuse Box (F36)	BF00D	8W BK	E1	BB4E			E1	8W BK	BF00A	Radio / ICN / BCM / FCM (F24)	
Diagnostic Connector Power Supply	C001	16W BK	16	BB4E	9	B08B	A1	10W WI	RB00B	Heater Blower Relay	
Immobilizer Power Supply	8208	8W BK	1	BB4E			1	16W BK	IC23A	ICN & MFD	
ICN & MFD Power Supply	IC20A	9W BR	1B	BB4E	10	211	4	8W BK	8410A	Radio	
Stop Switch	2100	4W WI	2	210			2	40W BK	BCM	ACC Power	
Stop Switch (ABS Mobis)	7020	38W BK	30	2103	11	511A	2	40W BK	BCM	ACC Power	
Stop Switch (ABS Mando MG80)	7020	38W BK	16	2103			10	16W BK	IC23A	CAN H	
Stop Switch (ABS Mando MG60)	7020	38W BK	23	2103	12	513	20	20W WI	8410C	Radio CAN H (Crouse Radio)	
Front Wash Pump Relay	FCM	15W WI	7A	511			17	20W WI	8410C	Radio CAN L (Crouse Radio)	
Front Wash Pump	5115	2W GN	1	512	13	6220	7	16W BK	IC23A	CAN L	
Diagnostic Connector (Airbag)	C001	16W BK	13	6220			S4	8W WI	BF00B	F25	
Diagnostic Connector CAN L	C001	16W BK	14	6220	14	9019	S3	8W BK	BF00C	F30	
ABS CAN L (MG60 & Mobis)	7020	38W BK	14	6220			S4	8W BK	BF00C	F29	
ABS CAN L (MG80)	7020	38W BK	2	6220	15	9020	B1	10W GY	RB00A	Front Wash Pump Relay	
Immobilizer CAN L	8208	8W BK	6	6220			B5	10W GY	RB00A	Front Wash Pump Relay	
CAN L	IC02A	16W GY	9	6220	16	B1	A1	10W GY	RB00A	Rear Wash Pump Relay (HB)	
CAN L	IC02B	10W BK	5	6220			A5	10W GY	RB00A	Rear Wash Pump Relay (HB)	
Diagnostic Connector CAN H	C001	16W BK	6	6220	16	B1	B1	10W WI	RB00B	Rear Screen Heater Relay	
ABS CAN H (MG60 & Mobis)	7020	38W BK	26	6220			211	2	2W GN	2110	Additional Stop Lamp (SD)
ABS CAN H (MG80)	7020	38W BK	14	6220	16	B1	211	2	16W BK	IC82	Additional Stop Lamp (HB)
Immobilizer CAN H	8208	8W BK	5	6220			2110	12	40W BK	BCM	Brake Pedal Switch
CAN H	IC02A	16W GY	10	6220	16	B1	B2	10W GY	RB00A	Front Wash Pump Relay	
CAN H	IC02B	10W BK	6	6220			B3	10W GY	RB00A	Front Wash Pump Relay	
Interior Fuse Box (F4)	BF001	8W BK	E1	B04	16	B1	S1	8W WI	BF00B	F28	
							S2	8W WI	BF00B	F27	
							S3	8W WI	BF00B	F26	

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Dashboard					IC23A 16w BK	Interior					
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function	
MFD Power	7215	18W WI	2	B155	1	B155	E1	8W BK	BF00A	F24	
ICN Power	ICN	18W WI	14				A1	10W WI	RB00B	Heater Blower Relay	
Hazard Switch Command	2300	6W BK	6	230	2	230	5	16W BK	IC23C	ACC Power	
Hazard Switch LED	2300	6W BK	4	230A	3	230B	12	8W BK	8410E	Radio ACC Power	
Evaporator Sensor Information	7215	18W WI	8	8051	4	8051	2	40W BK	BCM	ACC Power	
Screen Heater Switch	8080	7W GY	7	8116	5	8116	15	40W BK	BCM	Hazard Switch Command	
Aircondition Switch	8080	7W GY	2	8054	6	8054	18	40W BK	BCM	Hazard Switch LED	
CAN L	7215	18W WI	14	9051	7	9051	1	6W BK	IC8060A	Evaporator Sensor Information	
Master Lock Switch	2300	6W BK	5	622	8	622	29	40W BK	BCM	Screen Heater Switch	
Rear Screen Heater Switch	8080	7W GY	5	811	9	811A	35	40W BK	BCM	Aircondition Switch	
CAN H	7215	18W WI	10	9052	10	9052	1	18W WI	BCM	CAN L	
V ECO	8080	7W GY	1	B060	11	B060	7	16W BK	IC23C	CAN L	
Not Used					12		9021	7	16W BK	IC23C	CAN L
Outside Temperature Sensor	7215	18W WI	9	720	13	720	36	40W BK	BCM	Master Lock Switch	
Displaying Airbag Status On ICN	ICN	18W WI	12	6560	14	6560	1	16W BK	IC82	Rear Screen Heater HB	
Displaying Airbag Status On ICN	ICN	18W WI	11	6561	15	6561	B5	10W WI	RB00B	Rear Screen Heater Relay	
Master Lock Switch LED	2300	6W BK	1	622A	16	622A	4	16W BK	IC71	FRH View Mirror Heater	
							1	1W BK	8120B	Rear Screen Heater (SD)	
							4	16W BK	IC70	FLH View Mirror Heater	
							2	18W WI	BCM	CAN H	
							6	16W BK	IC23C	CAN H	
							4	6W BK	IC80	Only For With Rear Sensor Vehicles	
							A5	15W WI	BCM	V ECO	
							3	4W GN	3010	V ECO For Roof Lamp	
							1	9W YL	6120	V ECO For Isolator Switch	
							1	2W WI	3105	V ECO Boot Lamp	
							A1	10W BK	RB00C	V ECO For Front Window lift Switch Relay	
										Not Used	
										Not Used	
										Outside Temperature Sensor	
										Displaying Airbag Status On ICN	
										Displaying Airbag Status On ICN	
										Master Lock Switch LED	

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Interior					IC70 16w BK	Frant Door LH											
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function							
FLH Electric Window Motor	6036P	7W BK	A4	6021	1	6071	1	2W GY	6040	FLH Electric Window Motor							
Doors Unlock	BCM	15W WI	B2	6211	2	6211	5	6W BR	6202	FLH Door Lock Assembly							
FRH Door Lock Assembly	IC71	16W BK	2														
RLH Door Lock Assembly	IC72	14W BK	12														
RRH door Lock assembly	IC73	14W BK	12														
Boot Lock Motor (HB)	IC82	16W BK	6														
Boot Lock Motor (SD)	6260	2W WI	1														
FLH Door Lock (Switch)	BCM	40W BK	7	6207	3	6208	4	6W BR	6202	FLH Door Lock Assembly							
Rear Screen Heater (HB)	IC82	16W BK	1	813	4	813	2	10W BK	6410	FLH View Mirror Heater							
Rear Screen Heater Relay	RB00B	10W WI	B5														
FRH View Mirror Heater	IC71	16W BK	4														
Rear Screen Heater (SD)	8120B	1W BK	1														
Rear Screen Heater Switch	IC23A	16W BK	9														
Radio (Crouse)	8410B	8W WI	6	8411	5	8431	2	2W BK	8420	FLH Door Speaker							
Radio (RDE)	8410A	8W BK	6	8411	6	720	3	10W BK	6410	FLH View Mirror							
Not Used					7	E720	4	10W BK	6410	FLH View Mirror							
FLH Window Winder Command	6036P	7W BK	B3	6011	8	6061	2	2W GR	6040	FLH Window Winder Motor							
Not Used					9					Not Used							
RLH Door Lock Assembly Ground	IC72	14W BK	7	EC20 C	10	E22A	2	6W BR	6202	FLH Door Lock Assembly Gruond							
Roof Lamp Gruond	3010	4W GN	2														
BCM Ground	BCM	40W BK	4														
Heater Blower Relay Gruond	RB00B	10W WI	A2														
BCM Ground	BCM	15W WI	B1														
Seat Belt Switch Gruond	4730	2W WI	1														
Hand Brake Switch Gruond	4400	2W BR	2														
Front Wash Pump Ground (SD)	IC23B	6W BK	5														
Front Window Lift and Mirros Switch	6036C	18W BK	3								6401	11	6411	5	10W BK	6410	FLH View Mirror
Front Window Lift and Mirros Switch	6036C	18W BK	1								6402	12	6412	7	10W BK	6410	FLH View Mirror
Radio (Crouse)	8410B	8W WI	5	8410	13	8430	1	2W BK	8420	FLH Door Speaker							
Radio (RDE)	8410A	8W BK	5	8410													
FLH Door Lock (Switch)	BCM	40W BK	9	6219	14	6217	1	6W BR	6202	FLH Door Lock Assembly(Switch)							
Door Lock	BCM	15W WI	B3	6201	15	620	3	6W BR	6202	FLH Door Lock Assembly(Switch)							
FRH Door Lock Assembly	IC71	16W BK	15														
RLH Door Lock Assembly	IC72	14W BK	5														
RRH door lock Assembly	IC73	14W BK	5														
Boot Lock Motor Only For HB	IC82	16W BK	5														
Electrical Mirror Switch	6036C	18W BK	5	6400	16	6410	6	10W BK	6410	FLH View Mirror							

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شرکت دیجیتالی خودرو سامان (مسئولیت محدود)

خودرو در ایران

Interconnector – P6L ECO MUX

Interior					IC71 16w BK	Frant Door RH				
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function
FRH Electric Window Motor	6036P	7W BK	B1	6071	1	6071	1	2W GY	6045	FRH Electric Window Motor
Doors Unlock	BCM	15W WI	B2	6212	2	6211	5	6W BR	6207	FRH Door Lock Assembly
FLH Door Lock Assembly	IC70	16W BK	2							
RLH Door Lock Assembly	IC72	14W BK	12							
RRH door Lock assembly	IC73	14W BK	12							
Boot Lock Motor (HB)	IC82	16W BK	6							
Boot Lock Motor (SD)	6260	2W WI	1							
FRH Door Lock (Switch)	BCM	40W BK	8	6208	3	6208	4	6W BR	6207	FRH Door Lock Assembly
Rear Screen Heater HB	IC82	16W BK	1	814	4	813	2	10W BK	6415	FRH View Mirror Heater
Rear Screen Heater Relay	RB00B	10W WI	B5							
FLH View Mirror Heater	IC70	16W BK	4							
Rear Screen Heater SD	8120B	1W BK	1							
Rear Screen Heater Switch	IC23A	16W BK	9							
Radio (Crouse)	8410B	8W WI	4	8431	5	8431	2	2W BK	8425	FRH Door Speaker
Radio (RDE)	8410A	8W BK	4	8431	6	720	3	10W BK	6415	FRH View Mirror
Outside Temperature Sensor	IC23A	16W BK	13	720						
Ground	EC22			E720	7	E720	4	10W BK	6415	FRH View Mirror Ground
RRH Door Lock Assembly Ground	IC73	14W BK	7							
FRH Door Lock Assembly Ground	IC71	16W BK	10							
Radio Ground	8410E	8W BK	9							
RLH Window Lift Switch Ground	6100	7W GN	B3							
RLH Window Lift Switch Ground	6100	7W GN	A4							
RRH Window Lift Switch Ground	6105	8W BK	A1							
RRH Window Lift Switch Ground	6105	8W BK	A4							
RRH Window Lift Switch Ground	6105	8W BK	B3							
RLH Window Lift Switch Ground	6100	7W GN	A1							
Cigar Lighter Lamp Ground	3053	2W YL	2	6061	8	6061	2	2W GR	6045	FRH Window Winder Motor
Cigar Lighter Ground	8100	3W BK	3							
Front Window Lift And Mirror	6036P	7W BK	B2	6061	9					Not Used
Ground	EC22			EC22P	10	E22A	2	6W BR	6207	FRH Door Lock Assembly Ground
RRH Door Lock Assembly Ground	IC73	14W BK	7							
FRH Door Lock Assembly Ground	IC71	16W BK	7							
Radio Ground	8410E	8W BK	9							
RLH Window Lift Switch Ground	6100	7W GN	B3							
RRH Window Lift Switch Ground	6100	7W GN	A4							
RRH Window Lift Switch Ground	6105	8W BK	A1							
RRH Window Lift Switch Ground	6105	8W BK	A4							
RRH Window Lift Switch Ground	6105	8W BK	B3							
RLH Window Lift Switch Ground	6100	7W GN	A1							
Cigar Lighter Lamp Ground	3053	2W YL	2	E22B	1	10W BK	6415	FRH View Mirror Ground		
Cigar Lighter Ground	8100	3W BK	3							
Front Window Lift and Mirros Switch	6036C	18W BK	4	6411	11	6411	5	10W BK	6415	FRH View Mirror
Front Window Lift and Mirros Switch	6036C	18W BK	2	6412	12	6412	7	10W BK	6415	FRH View Mirror
Radio (Crouse)	8410B	8W WI	3	8430	13	8430	1	2W BK	8425	FRH Door Speaker
Radio (RDE)	8410A	8W BK	3	8430						
FRH Door Lock (Switch)	BCM	40W BK	10	6217	14	6217	1	6W BR	6207	FRH Door Lock Assembly(Switch)
Door Lock	BCM	15W WI	B3	6202	15	620	3	6W BR	6207	FRH Door Lock Assembly(Switch)
FLH Door Lock Assembly	IC70	16W BK	15							
RLH Door Lock Assembly	IC72	14W BK	5							
RRH door lock Assembly	IC73	14W BK	5							
Boot Lock Motor Only For HB	IC82	16W BK	5							
Front Window Lift and Mirros Switch	6036C	18W BK	14							

Interconnector – P6L ECO MUX

Interior					IC72 14w BK	Rear Door LH				
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function
Radio (Crouse)	8410B	8W WI	7	8450A						
Radio (HB And SD) Radio (RDE)	8410A	8W BK	7	8450A	1	8470	1	2W BK	8430	RLH Door Speaker
Radio (Rear Speaker) (SD)	8430A	2W BK	1	8450B						
Radio (HB And SD) Radio	8410B	8W WI	8	8451A						
Radio (HB And SD) Radio (RDE)	8410A	8W BK	8	8451A	2	8471	2	2W BK	8430	RLH Door Speaker
Radio (Rear Speaker) (SD)	8430A	2W BK	2	8451B						
Not Used					3					Not Used
Not Used					4					Not Used
Door Lock	BCM	15W WI	83							
FRH Door Lock Assembly	IC71	16W BK	15							
FLH Door Lock Assembly	IC70	16W BK	15	6203	5	620	5	5W BR	6212	RLH Door Lock Assembly
RRH door lock Assembly	IC73	14W BK	5							
Boot Lock Motor Only For HB	IC82	16W BK	5							
Not Used					6					Not Used
FLH Door Lock Assembly Ground	IC70	16W BK	10							
Ground		EC23								
Roof Lamp Ground	3010	4W GN	2							
			4							
BCM Ground	BCM	40W BK		E220	7	MC20S	3	5W BR	6212	RLH Door Lock Assembly Ground
Heater Blower Relay Ground	RB00B	10W WI	A2							
BCM Ground	BCM	15W WI	B1							
Seat Belt Switch Ground	4730	2W WI	1							
Hand Brake Switch Ground	4400	2W BR	2							
Front Wash Pump Ground (SD)	IC23B	6W BK	5							
RLH Window Lift Switch	6100	7W GN	B4	6111	8	6161	2	2W GY	6130	RLH Window Winder Mototr
RLH Window Lift Switch	6100	7W GN	B1	6121	9	6171	1	2W GY	6130	RLH Window Winder Mototr
Not Used					10					Not Used
Not Used					11					Not Used
Doors Unlock	BCM	15W WI	B2							
FRH Door Lock Assembly	IC71	16W BK	2							
FLH Door Lock Assembly	IC70	16W BK	2							
RRH door Lock assembly	IC73	14W BK	12	6213	12	6211	4	5W BR	6212	RLH Door Lock Assembly
Boot Lock Motor (HB)	IC82	16W BK	6							
Boot Lock Motor (SD)	6260	2W WI	1							
Not Used					13	622	2	5W BR	6212	RLH Door Lock Assembly
RLH Door Switch Input	BCM	40W BK	20	6288	14	6287	1	5W BR	6212	RLH Door Lock Assembly

Interconnector – P6L ECO MUX

Interior					IC73 14w BK	Rear Door RH				
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function
Radio (HB And SD) Radio	8410B	8W WI	1	8470A	1	8470	1	2W BK	8435	RRH Door Speaker
Radio (HB And SD) Radio (RDE)	8410A	8W BK	1	8470A						
Radio (Rear Speaker) (SD)	8435A	2W BK	1	8470B						
Radio (HB And SD) Radio	8410B	8W WI	2	8471A						
Radio (HB And SD) Radio (RDE)	8410A	8W BK	2	8471A						
Radio (Rear Speaker) (SD)	8435A	2W BK	2	8471B	2	8471	2	2W BK	8435	RRH Door Speaker
Not Used					3					Not Used
Not Used					4					Not Used
Door Lock	BCM	15W WI	83	6204	5	620	5	5W BR	6217	RRH Door Lock Assembly
FRH Door Lock Assembly	IC71	16W BK	15							
FLH Door Lock Assembly	IC70	16W BK	15							
RLH door lock Assembly	IC72	14W BK	5							
Boot Lock Motor Only For HB	IC82	16W BK	5							
Not Used					6					Not Used
Ground		EC22								
FRH Door Lock Assembly Ground	IC71	16W BK	7	E221	7	MC20S	3	5W BR	6217	RRH Door Lock Assembly Ground
FRH Door Lock Assembly Ground	IC71	16W BK	10							
Radio Ground	8410E	8W BK	9							
RLH Window Lift Switch Ground	6100	7W GN	B3							
RLH Window Lift Switch Ground	6100	7W GN	A4							
RRH Window Lift Switch Ground	6105	8W BK	A1							
RRH Window Lift Switch Ground	6105	8W BK	A4							
RRH Window Lift Switch Ground	6105	8W BK	B3							
RLH Window Lift Switch Ground	6100	7W GN	A1							
Cigar Lighter Lamp Ground	3053	2W YL	2							
Cigar Lighter Ground	8100	3W BK	3							
RRH Window Lift Switch	6105	8W BK	B4	6161	8	6161	2	2W GY	6135	RRH Window Winder Mototr
RRH Window Lift Switch	6105	8W BK	B1	6171	9	6171	1	2W GY	6135	RRH Window Winder Mototr
Not Used					10					Not Used
Not Used					11					Not Used
Doors Unlock	BCM	15W WI	B2	6214	12	6211	4	5W BR	6217	RRH Door Lock Assembly
FRH Door Lock Assembly	IC71	16W BK	2							
FLH Door Lock Assembly	IC70	16W BK	2							
RLH door Lock assembly	IC72	14W BK	12							
Boot Lock Motor (HB)	IC82	16W BK	6							
Boot Lock Motor (SD)	6260	2W WI	1							
Not Used					13	622	2	5W BR	6217	RRH Door Lock Assembly
RRH Door Switch Input	BCM	40W BK	19	6287	14	6287	1	5W BR	6217	RRH Door Lock Assembly

Interconnector – P6L ECO MUX

Interior					IC77 2w GN/BU	Passenger Airbag					
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function	
Only For Vehicle With Passenger	6750	50W BU	18	6510	1	6510	1	2W BK	6564	Passenger Airbag module	
Only For Vehicle With Passenger	6750	50W BU	19	6511	2	6511	2	2W BK	6564	Passenger Airbag module	

Rear Bumper					IC80 6w BK	Interior ((With Rear Sensor Vehicle))							
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function			
RH Reverse Sensor Ground	7512	4W BK	4	E021	1	E80	EC21			Ground			
LH Reverse Sensor Ground	7510	4W BK	4				3	6W BK	2635	RH Rear Lamp Ground			
Rear Fog Lamp Ground	2011	2W GY	1	V600	2	202	4	6W BK	2630	LH Rear Lamp Ground (HB)			
Rear Fog Lamp	2011	2W GY	2				1	2W BR	3100	Trunk Switch (HB)			
Reverse Sensor (Lin Network)	7510	4W BK	1				L750	3	L750	A6	15W WI	BCM	Rear Fog Lamp
RH Reverse Sensor	7512	4W BK	2				V600	4	V600	11	16W BK	IC23A	V ECO
										A5	15W WI	BCM	V ECO
LH Reverse Sensor	7510	4W BK	2							3	4W GN	3010	V ECO For Roof Lamp
										1	9W YL	6120	V ECO For Isolator Switch
Not Used											5		
Not Used					6								Not Used
										A1	10W BK	RB00C	V ECO For Front Window lift Switch Relay
													Not Used

Interconnector – P6L ECO MUX

Interior ((Only HB))					IC82 16w BK	Tailgate				
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function
FLH View Mirror Heater	IC70	16W BK	4	811	1	811	1	1W BK	8120B	Rear Screen Heater (HB)
Rear Screen Heater Relay	RB00B	10W WI	B5							
FRH View Mirror Heater	IC71	16W BK	4							
Rear Screen Heater Switch	IC23A	16W BK	9							
Brake Pedal Switch	IC23C	16W BK	10	211	2	214	1	3W BK	2110	Additional Stop Lamp
Cigar Lighter Lamp	3053	2W YL	1	V094	3	V1806	1	2W BK	2636	Number Plate Lamp
Isolator Switch Backlight	6120	9W YL	4							
Side Lamp	IC23C	16W BK	2							
Side Lamp	BCM	15W WI	A7							
Radio Backlight	8410B	12W WI	5							
Cigar Lighter	8100	3W BK	1	312	4	319	1A	2W BK	3100	Contact Switch For Trunk
Rear RH Side Lamp	2635	6W BK	1							
Rear LH Side Lamp	2630	6W BK	5							
Trunk Lid Lamp (Only For Vehicle With Rear Camera)	3105	2W WI	2	6205	5	6206	1	2W WI	6260	Boot Lock Motor
Trunk Lid Switch (Only For Vehicle With Rear Camera)	BCM	40W BK	5							
Door Lock	BCM	15W WI	B3							
FRH Door Lock Assembly	IC71	16W BK	15							
RLH Door Lock Assembly	IC72	14W BK	5							
RRH door lock Assembly	IC73	14W BK	5							
FRH Door Lock Assembly	IC70	16W BK	15							
Doors Unlock	BCM	15W WI	B2							
FRH Door Lock Assembly	IC71	16W BK	2							
RLH Door Lock Assembly	IC72	14W BK	12							
RRH door Lock assembly	IC73	14W BK	12	6215	6	6216	2	2W WI	6260	Boot Lock Motor
FLH Door Lock Assembly	IC70	16W BK	2							
Not Used					7					Not Used
Not Used					8					Not Used
Rear Wiper Relay	RB00D	10W GY	A3	521	9	521	1	3W WI	5215	Rear Wiper
Rear Wiper Zero Position	BCM	40W BK	13	522A	10	522	2	3W WI	5215	Rear Wiper
Not Used					11					Not Used
Not Used					12					Not Used
Not Used					13					Not Used
Not Used					14					Not Used
Not Used					15					Not Used
Not Used					16					Not Used

Interconnector – P6L ECO MUX

Interior					IC8060A 6w BK	Air condition				
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function
Evaporator Sensor	IC23A	6W BK	4	8051	1	8051	2	2W BK	8006	Evaporator Sensor
Grand		EC50		E8052	2	E8052	1	2W BK	8006	Evaporator Sensor grand
AC switch power (IGN)	RB00B	10W BK	3A	8031	3	28	2	20W BK	8025	AC switch power (IGN) SANDEN
						26/28	A1	6W BK	8045	AC switch power (IGN) BEHR
						26	1	6W BK	8030	AC switch power (IGN)
						6/28	2	2W BK	8050	
Grand		EC50		E802	4	8	A1	6W BK	8045	Blower motor Grand (automatic)
						8	1	2W GY	8050	Blower motor Grand (manual)
Not Used					5					Not Used
Not Used					6					Not Used

Interior					IC8060B (manual) 6w BK	Air condition				
Function	Part	Connector	Pin Num	Wire Num	Interconnector Pin Num	Wire Num	Pin Num	Connector	Part	Function
LED Air condition panel	BCM	15W WI	A7	V811	1	V811	1B	10W BK	8025	Air condition panel back light
Heater screen & mirrors power	RB00B	10W BK	B5	811A	2	811A	2A	10W BK	8025	Heater screen & mirrors LED
Rear Screen Heater (HB)	IC82	16W BK	1							
Heater left mirror power	IC70	16W BK	4							
Heater right mirror power	IC71	16W BK	4							
AC request	BCM	40W BK	35	8054	3	8054	3A	10W BK	8025	AC command
Not Used					4					Not Used
Heater screen & mirrors request	BCM	40W BK	29	8116	5	8116	1A	10W BK	8025	Heater screen & mirrors command
Grand		EC50		E806B	6	E806	4A	10W BK	8025	Air condition panel grand