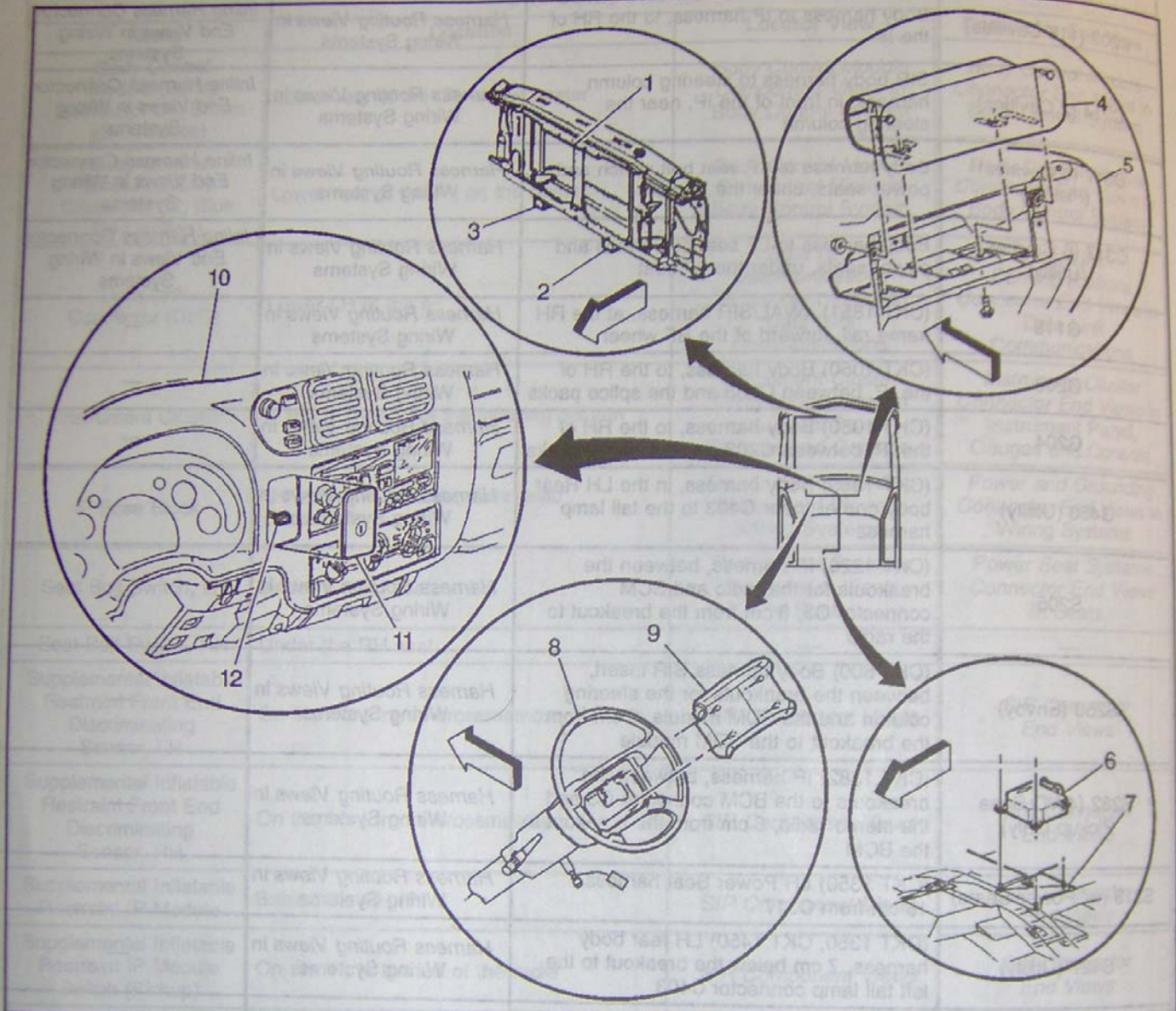


SIR Component Views

SIR Components



187108

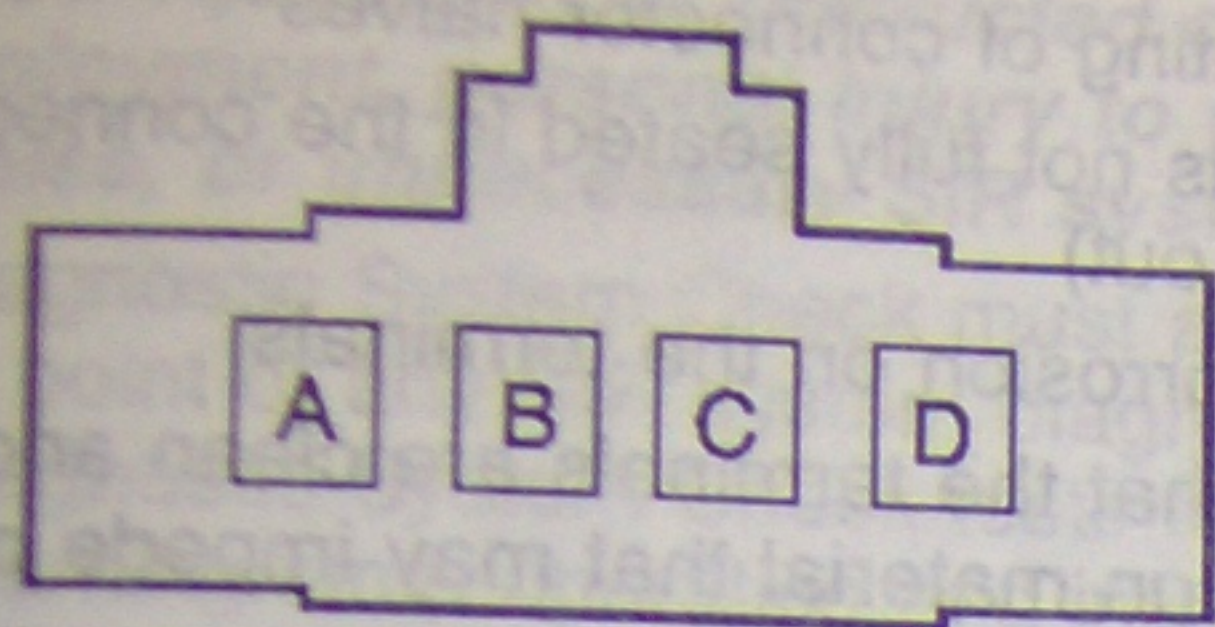
Legend

- | | |
|--|--|
| (1) Radiator Support Bracket | (7) Floor Pan |
| (2) LH Inflatable Restraint Discriminating Sensor | (8) Steering Wheel |
| (3) RH Inflatable Restraint Discriminating Sensor | (9) Inflatable Restraint Steering Wheel Module |
| (4) Inflatable Restraint IP Module | (10) Instrument Panel |
| (5) Instrument Panel | (11) Inflatable Restraint IP Module Switch |
| (6) Inflatable Restraint Sensing and Diagnostic Module | (12) Inflatable Restraint IP Module Switch Connector |

Four

SIR Connector End Views

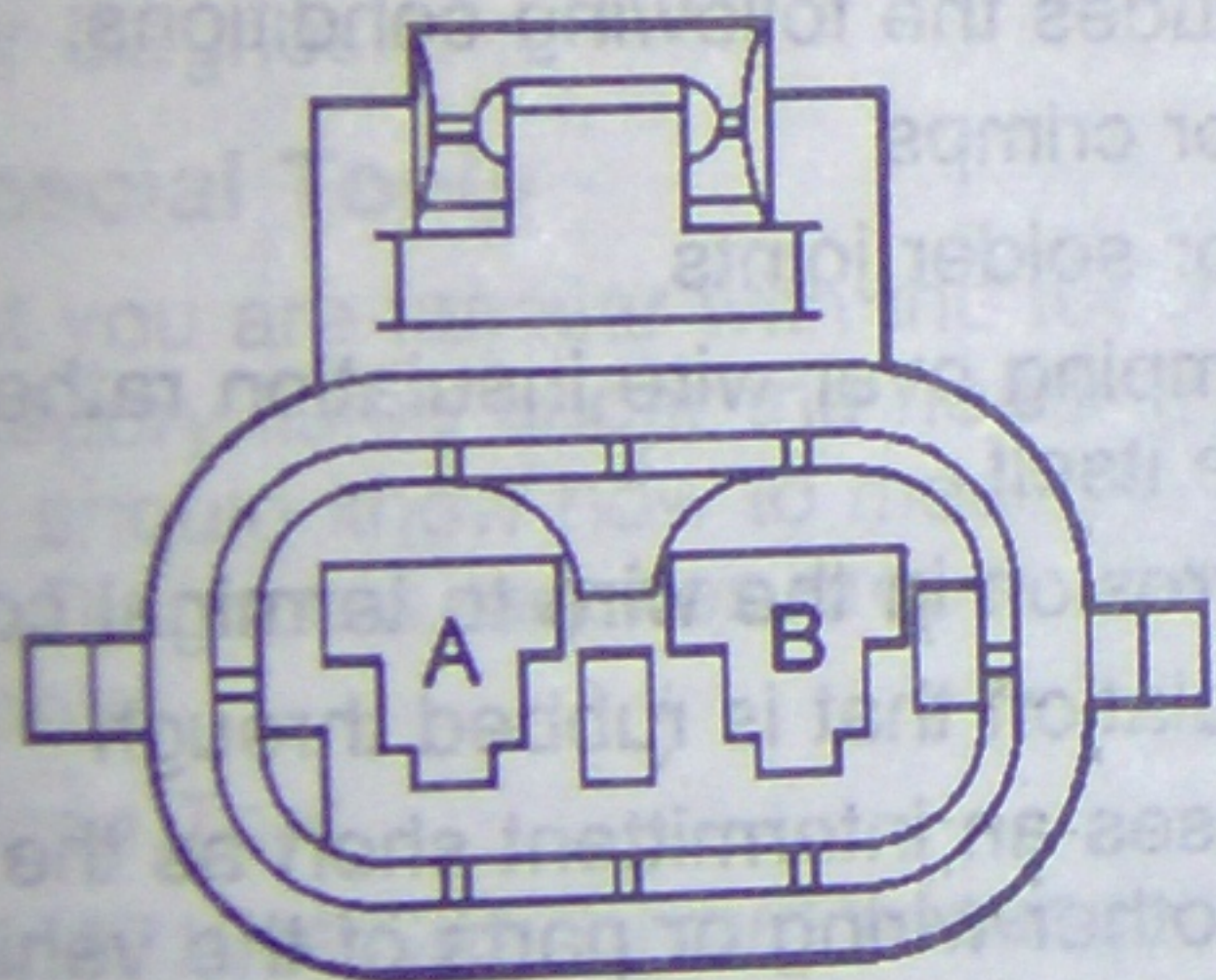
Supplemental Inflatable Restraint Front End Discriminating Sensor, LH Connector



338009

Connector Part Information		<ul style="list-style-type: none"> • 12191660 • 4 Way F 280 Series Sealed (YEL) 	
Pin	Wire Color	Circuit No.	Function
A	YEL	1834	Forward Sensor Signal
B	YEL	1834	Forward Sensor Signal
C	BLK/WHT	1851	Ground
D	BLK/WHT	1851	Ground

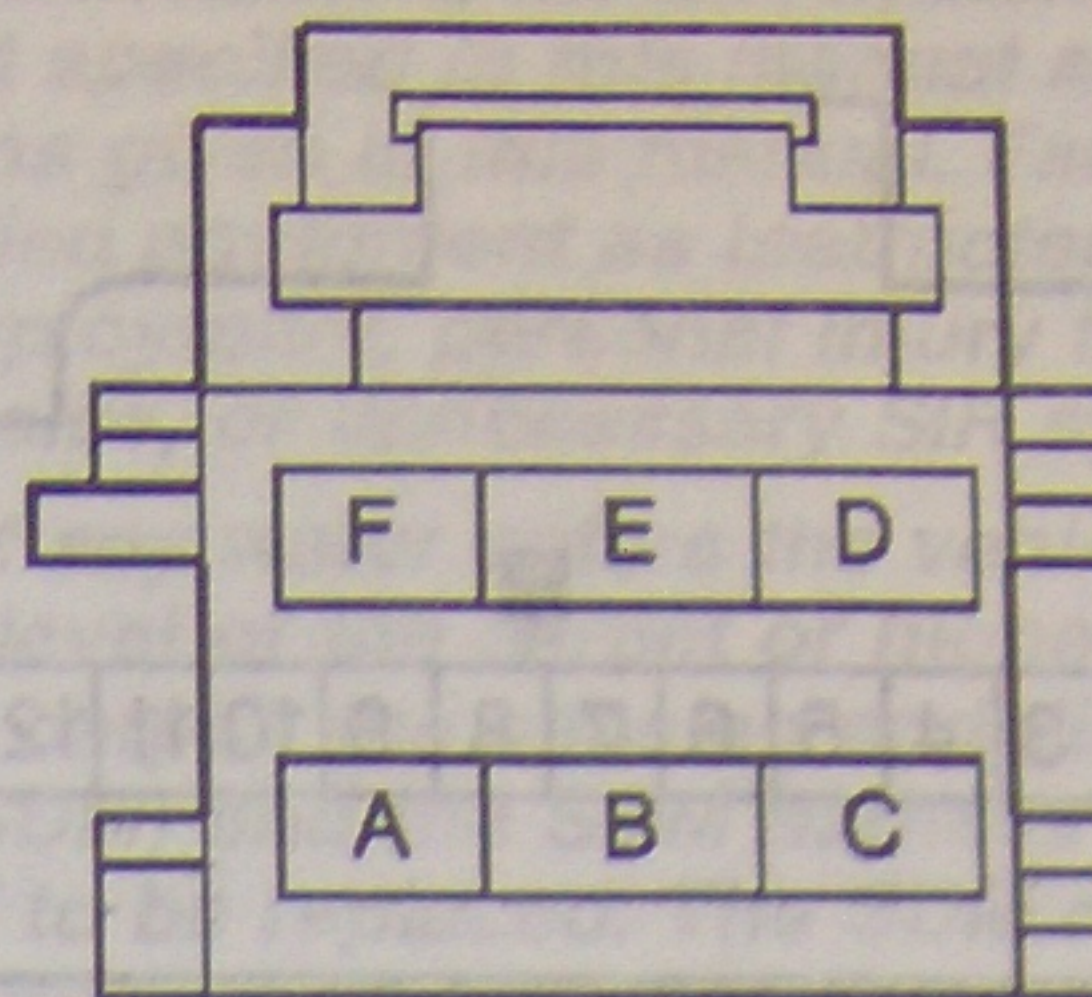
Supplemental Inflatable Restraint Front End Discriminating Sensor, RH Connector



362744

Connector Part Information		<ul style="list-style-type: none"> • 12176650 • 2 Way F 280 Series Sealed (YEL) 	
Pin	Wire Color	Circuit No.	Function
A	YEL	1834	Forward Sensor Signal
B	BLK/WHT	1851	Ground

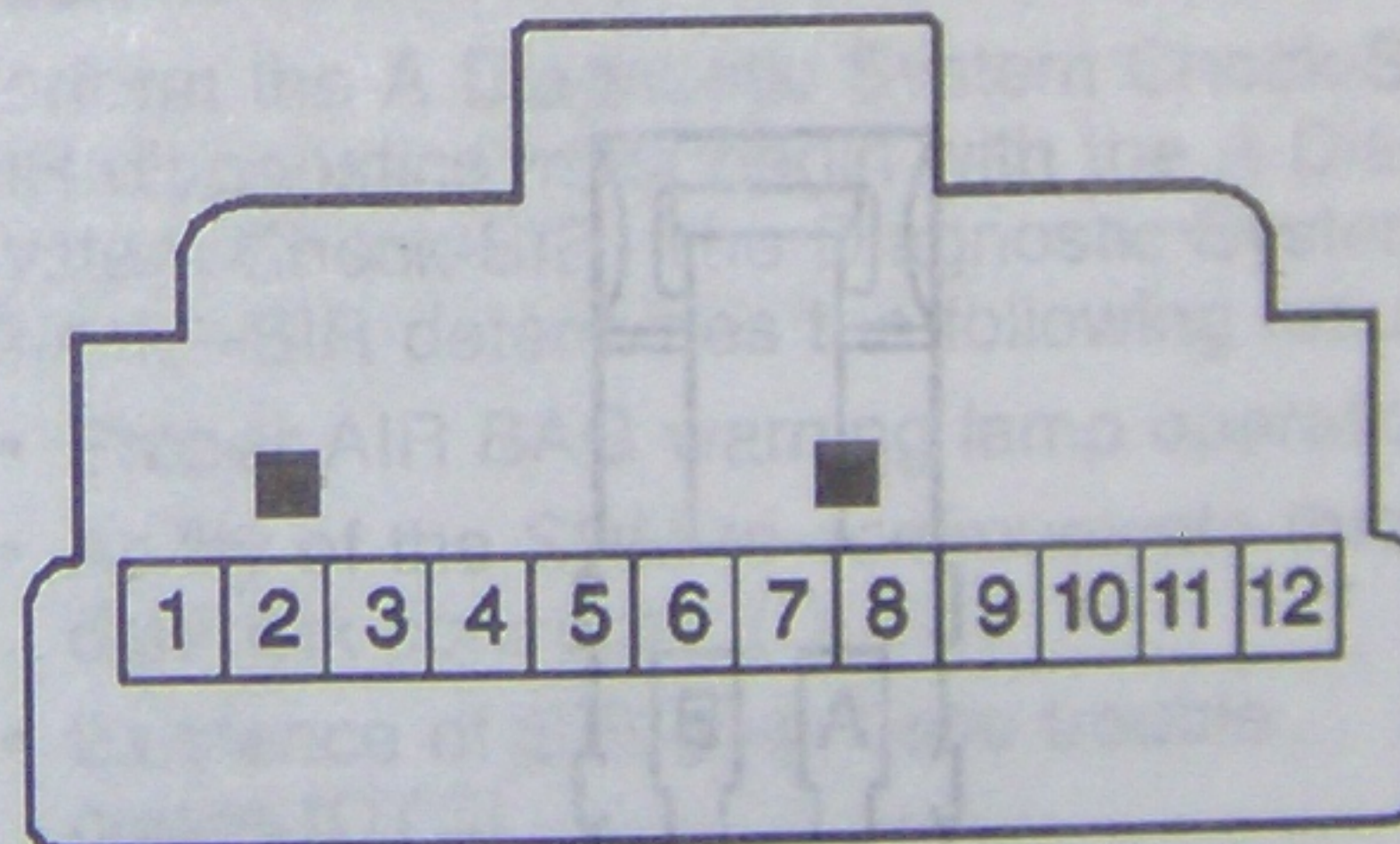
Supplemental Inflatable Restraint IP Module Switch Connector



362753

Connector Part Information		<ul style="list-style-type: none"> • 15305286 • 6 Way F Clip and Strap Assembly (YEL) 	
Pin	Wire Color	Circuit No.	Function
A	TAN/BLK	371	Defeat Switch Signal - Passenger
B	YEL	1139	Fuse Output Ignition
C	PPL/WHT	1382	Dimming Signal
D	GRY	1220	Fuse Output
E	PNK	353	Defeat Indicator Lamp Output - Passenger
F	BLK	1050	Ground

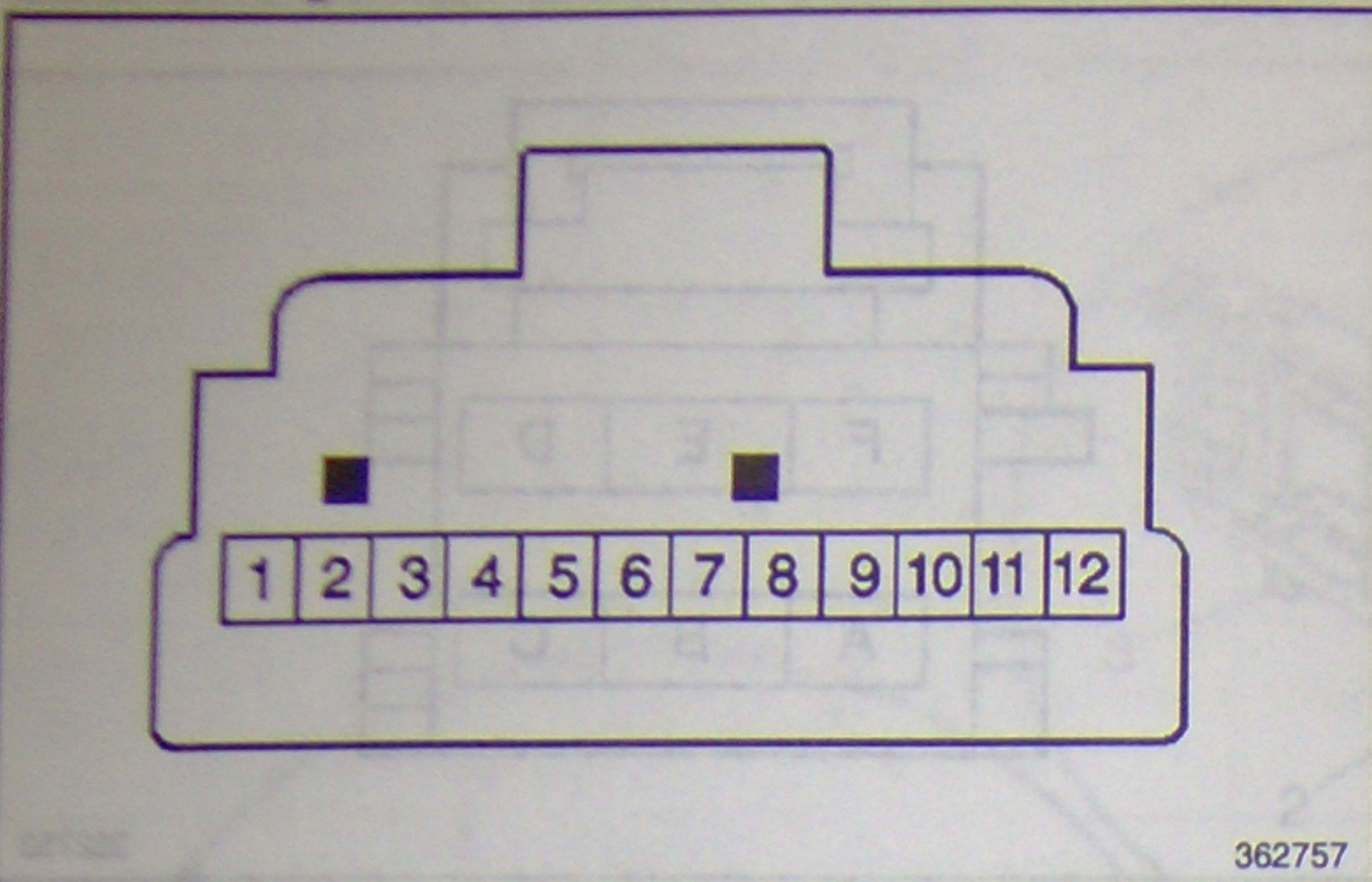
Supplemental Inflatable Restraint Sensing and Diagnostic Module Connector



362757

Connector Part Information		<ul style="list-style-type: none"> • 15317746 • 12 Way F Micro Pack 100 Series (YEL) 	
Pin	Wire Color	Circuit No.	Function
1	WHT/BLK	1403	Inflator Feed - Passenger
2	WHT	347	Inflator Feed Drivers
3	DK GRN	348	Inflator Output Drivers
4	DK GRN/WHT	1404	Inflator Output Passengers
5	TAN	800	Serial Data Signal

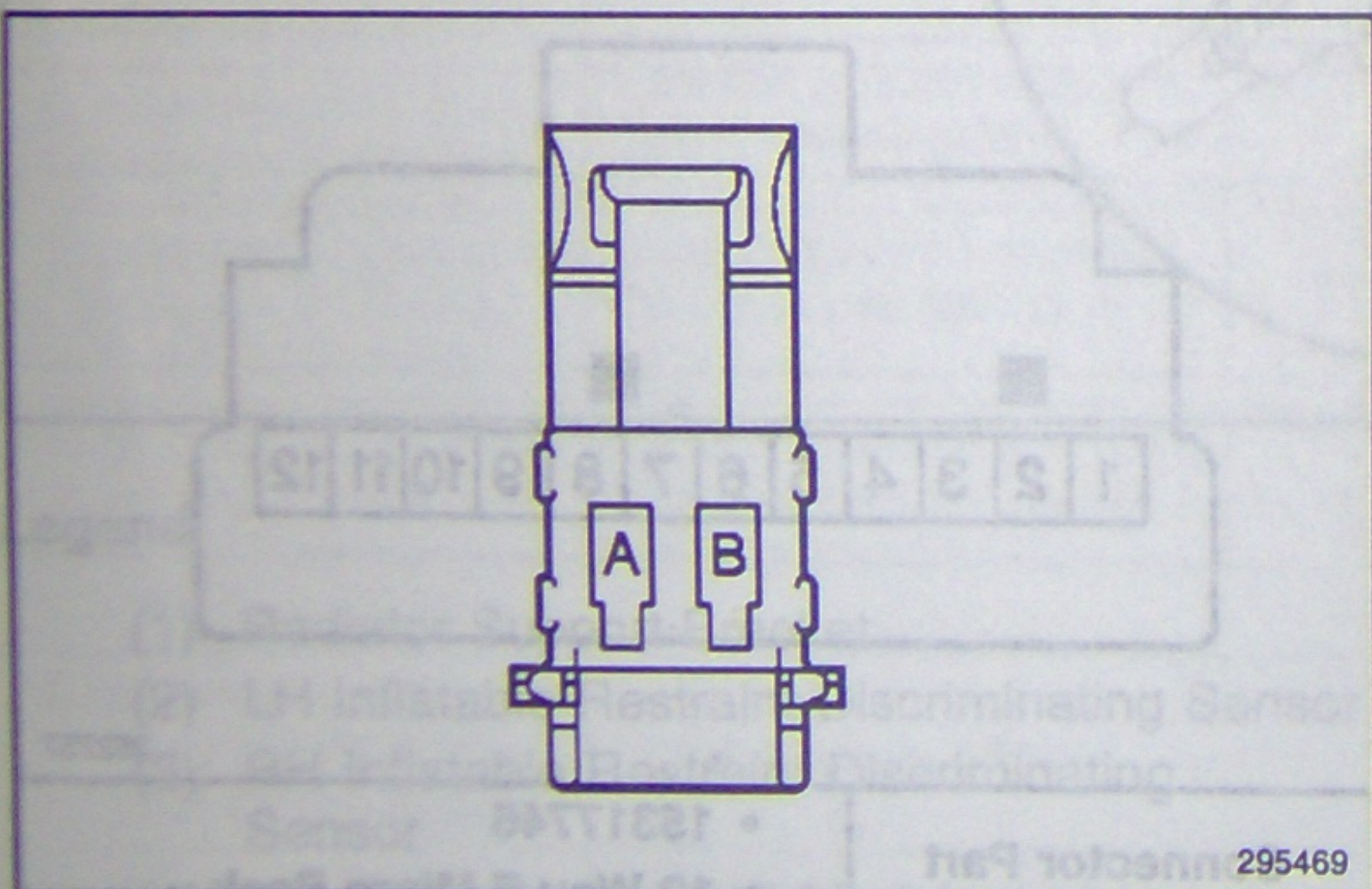
Supplemental Inflatable Restraint Sensing and Diagnostic Module Connector (cont'd)



362757

Connector Part Information		<ul style="list-style-type: none"> • 15317746 • 12 Way F Micro Pack 100 Series (YEL) 	
Pin	Wire Color	Circuit No.	Function
6	BLK/WHT	1851	Ground
7	BRN	358	Indicator Lamp Output
8	BLK/WHT	238	Seat Belt Switch Signal
9	YEL	1834	Forward Sensor Signal
10	YEL	1139	Fuse Output Ignition
11	TAN/BLK	371	SIR Defeat Switch Signal
12	PNK	353	SIR Defeat Indicator Lamp Output

Supplemental Inflatable Restraint Steering Wheel Module and Coil Connector



295469

Connector Part Information		<ul style="list-style-type: none"> • 12110505 • 2 Way F Micro-Pack 100 Series (YEL) 	
Pin	Wire Color	Circuit No.	Function
A	WHT	347	Inflator Feed Drivers
B	DK GRN	348	Inflator Output Drivers

Diagnostic Information and Procedures

Intermittents and Poor Connections

Faulty electrical connections or wiring may cause most intermittents. Inspect for the following conditions:

- Poor mating of connector halves
- Terminals not fully seated in the connector body (backed out)
- Dirt or corrosion on the terminals
Ensure that the terminals are clean and free of any foreign material that may impede proper terminal contact.
- Damaged connector body - exposing the terminals to moisture and dirt
- Improper terminal orientation with the component or mating connector
- Improperly formed or damaged terminals
Carefully inspect all connector terminals in problem circuits in order to ensure good contact tension. Use a corresponding mating terminal in order to inspect for proper tension.
- Use the *J 35616-A* Connector Test Adapter Kit whenever a diagnostic procedure requests inspecting or probing a terminal. Using the adapter will ensure that no damage to the terminal will occur, and will indicate whether contact tension is sufficient. If contact tension seems incorrect, check the terminal for contact.
- Poor terminal to wire connection
This includes the following conditions:
 - Poor crimps
 - Poor solder joints
 - Crimping over wire insulation rather than the wire itself
 - Corrosion in the wire to terminal contact area
- Wire insulation that is rubbed through
This causes an intermittent short as the bare area touches other wiring or parts of the vehicle.
- Wiring broken inside the insulation
This condition may cause a continuity inspection to show a good circuit. If only 1 or 2 strands of a multi-strand type wire are intact, resistance may be too high.

In order to avoid any of the above conditions when making wiring or terminal repairs, always follow the instructions for wiring and terminal repair in *Wiring Repairs* in *Wiring Systems*.