

## ASB100 – Antenna Switch Breakout – Installation instructions

**NOTE:** The connector pins inside the ASB100 housing are fragile. Do not stick anything into the connector housing except the vehicle's wire harness connector itself.

1. Remove the Glove box by unscrewing two Philips screws.



2. Unscrew three Philips screws from the Glove Box Liner.



3. Unlatch the airbag harness door and pass through the opening in the Liner.



4. Lower the Liner and unplug the Glove Box Light switch. Remove the Liner.



5. Unplug the Auto Antenna Control box and remove two Philips screws. Remove Control box.




6. Install the ASB100 using the stock Philips screws. Plug in connector.



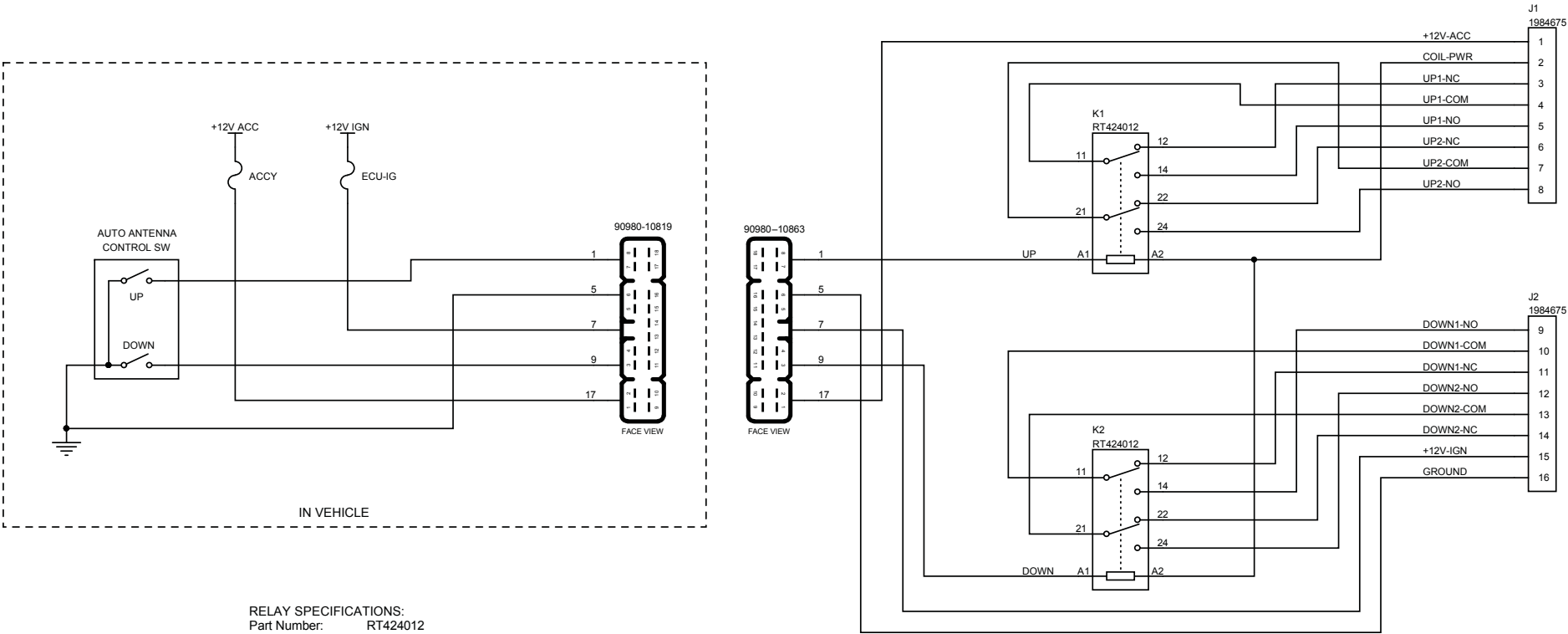
7. Insert key and test operation. Complete wiring to your accessory at this time using the diagrams on the following pages.
8. When wiring & testing is complete re-install Liner and Glove Box, making sure to plug in the Glove Box Light switch and re-mount the airbag harness door.

# ASB100 Connection Diagram

ASB100 Connection Diagram			+12V ACC from vehicle															
			Power input to relay coils															
Terminal			UP relay, circuit 1, NC															
			UP relay, circuit 1, COM															
			UP relay, circuit 1, NO															
			UP relay, circuit 2, NC															
			UP relay, circuit 2, COM															
			DOWN relay, circuit 2, NO															
			DOWN relay, circuit 1, NC															
			DOWN relay, circuit 1, COM															
			DOWN relay, circuit 1, NO															
			DOWN relay, circuit 2, NC															
			DOWN relay, circuit 2, COM															
			+12V IGN from vehicle															
			Vehicle chassis ground															
OFF			+12V ACC	RELAY COIL POWER INPUT	●	●			●	●			●	●			+12V IGN	
UP							●	●			●	●			●	●		
DOWN							●	●							●	●		



ASB100 - Antenna Switch Breakout - Schematic



RELAY SPECIFICATIONS:

Part Number: RT424012

Coil Voltage: 12VDC

Contact Form: DPDT (2 Form C)

Contact Rating: 8A

Switching Voltage: 400VAC - Max

Coil Current: 33.3mA

Coil Type: Non Latching

Operating Temp: -40°C 85°C

TERMINAL BLOCK SPECIFICATIONS:

Part Number: 1984675

Current Rating: 10A

Voltage Rating: 300V

Wire Gauge: 16-26 AWG

Wire Termination: Screw

Housing Material: Polyamide (PA), Nylon

