

JHP 2006 GTO Wiring Connector Guide

JHP RECOMMENDS FITTING BY EXPERIENCED PERSONNEL

1. Remove the trim that surrounds the instrument cluster by removing the 2 Philips head screws and pulling the fascia towards you to release the two clips, you will also have to unplug the fuel flap switch (Pic 1)

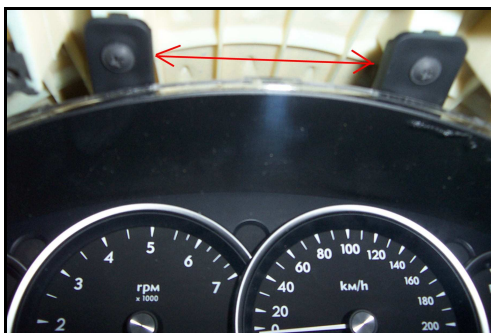


Pic 1

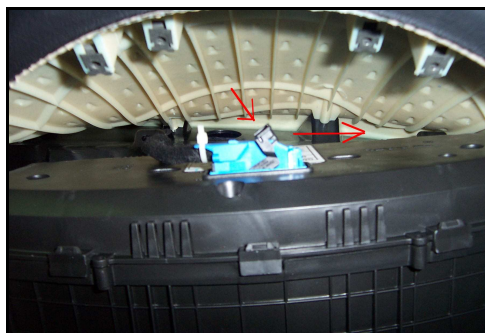


Pic 2

2. To remove the instrument cluster you need to undo the 4 screws (Pic 2 & 3) and pull the cluster towards you just enough that you can get your hand behind it to unplug the wiring plug, move the lever as shown in (Pic 4) it levers to the right to release the plug

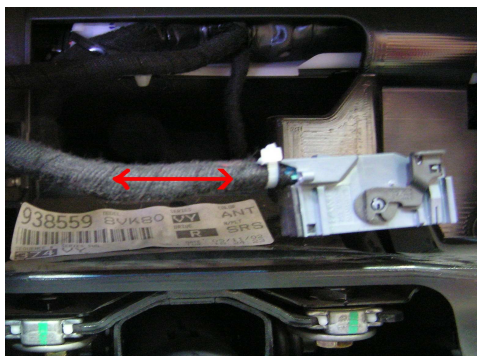


Pic 3

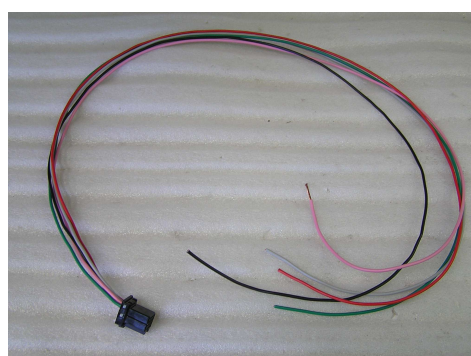


Pic 4

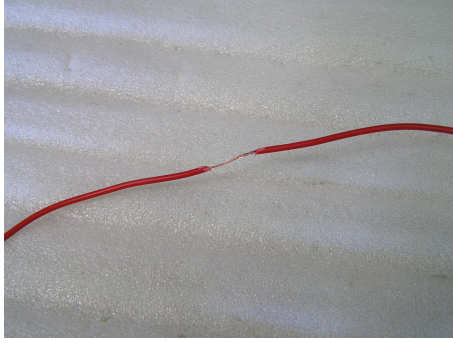
3. Cut the white tie, and remove about 1-2 inches of the friction tape off the instrument cluster loom at the connector end (Pic 5). Push the black clip under the light blue/grey cover (lower bottom left, Pic 5) inwards, and slide the cover off. All wires connected to pins will now be visible.



Pic 5



Pic 6



Pic 7



Pic 8

4. Splice the JHP Binnacle loom into the factory instrument cluster loom as follows,

BINNACLE LOOM

CLUSTER LOOM

- * Connect Black Gauge Wire (pin 4) to Pin 17 of the instrument cluster loom
- * Connect Green Gauge Wire (pin 5) to Pin 6 of the instrument cluster loom
- * Connect Yellow Gauge Wire (pin 6) to Pin 20 of the instrument cluster loom
- * Connect White Gauge Wire (pin 7) to Pin 2 of the instrument cluster loom
- * Connect Red Gauge Wire (pin 8) to Pin 1 of the instrument cluster loom

To join the JHP binnacle loom to the factory loom, JHP recommends stripping ½ a inch of the wire insulator off each of the JHP binnacle loom wires (Pic 6), then strip the same amount off each of the wires that you join to on the instrument cluster wires (Pic 7), twist the matching pairs together (Pic 8) and solder the joint and wrap in electrical tape.

5. Run the binnacle loom towards the binnacle pod location be careful that the loom cannot foul on any sharp corners.
6. Before you can fit your gauges, you must cut along the red line to allow for the gauges and cover to snap in and sit correctly. Refer to Pic 9 below.



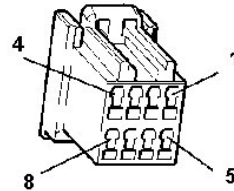
Pic 9

*Please note, that you will have to remove your Dash Cluster in order to work out which wire the JHP 06 GTO Wires need to be connected to.

**It is recommended that your dealer or a qualified auto electrician should carry out all wiring modifications. JHP Vehicle Enhancements take no responsibility for any wiring or electrical complications that may arise from installation.

JHP GTO Gauge Connector (G.M. Component)

Connector Details	
Pin Number	Function
X1 - 1	Not connected
X1 - 2	Not connected
X1 - 3	Not connected
X1 - 4	Ground
X1 - 5	Secondary UART
X1 - 6	Ignition
X1 - 7	Park
X1 - 8	Battery



Rear of G.M. Dash Cluster



Connector Part Information

Pin	Circuit No.	Function
1	1340	Battery Positive Voltage
2	32	Instrument Panel Lamps Fuse Supply Voltage
6	1061	UART Serial Data (Secondary)
17	251	Ground
20	1340	Battery Positive Voltage

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