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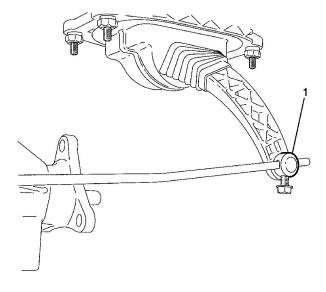
2009 Pontiac G8 | G8 Service Manual | Transmission | Automatic Transmission - 6L50/6L80/6L90 |

Repair Instructions - On Vehicle | Document ID: 2101786

Transmission Control Replacement

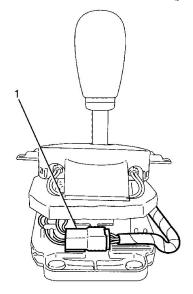
Removal Procedure

1. Raise and support the vehicle. Refer to <u>Lifting and Jacking the Vehicle</u>.





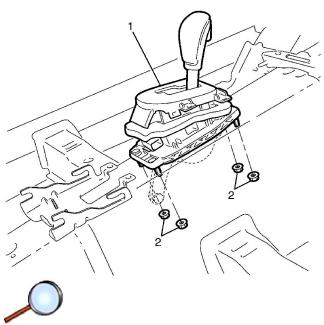
- 2. Remove the shift control linkage adjustment nut.
- 3. Disconnect the shift control linkage rod from the shift control assembly (1).
- 4. Lower the vehicle.
- 5. Remove the center console assembly. Refer to Front Floor Console Replacement.





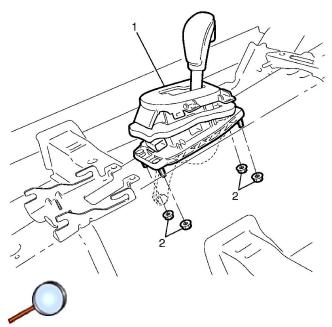
6. Remove the electrical connector (1) from the shift control assembly. © 2013 General Motors Corporation. All rights reserved.

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- 7. Remove the shift control assembly to the tunnel reinforcement retaining nuts (2).
- 8. Remove the shift control assembly (1) from the tunnel reinforcement.

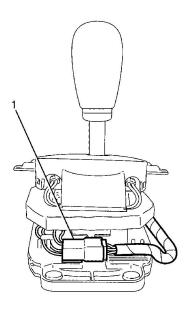
Installation Procedure



1. Install the shift control assembly (1) to the tunnel reinforcement.

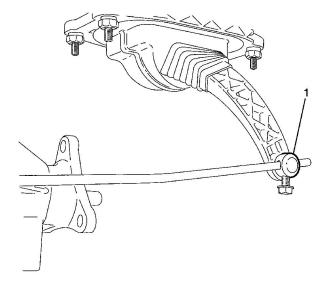
Caution: Refer to Fastener Caution in the Preface section.

2. Install the shift control assembly to the tunnel reinforcement retaining nuts (2) and tighten to 12 N·m (106 lb in).





- 3. Install the electrical connector (1) to the shift control assembly.
- 4. Install the centre console assembly. Refer to Front Floor Console Replacement.
- 5. Install the shift control trim plate by inserting the front retaining tabs to the console. Press down on the rear of the trim plate to engage the rear retaining tabs.
- 6. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle.





- 7. Connect the shift control linkage rod to the shift control assembly (1).
- 8. Install the shift control linkage adjustment nut finger tight.
- 9. Adjust the shift control linkage. Refer to **Shift Control Linkage Adjustment**.
- 10. Lower the vehicle.