

## GEARSHIFT CONTROL CABLE - REMOVAL AND INSTALLATION

### REMOVAL AND INSTALLATION

#### REMOVAL

**CAUTION:** Shift cable bracket should not be removed unless rebuilding of transmission and access to the detent plugs is required. If shift cable bracket is removed the measurement must be checked. This measurement is critical. If not set correctly, transmission damage is possible.

**NOTE:** The transmission shift cables are serviced as a set. The cable ends are too large to be drawn through the holes in the rubber floor plug.

1. Remove the floor console assembly (Refer to 23 - Body/Interior/CONSOLE, Floor/Removal and Installation) .
2. Disengage the retainers (1) holding the cable housings to the shifter bracket. Grab the collar on the cable and slide it forward while gently lifting up on the cable.



3. Pry the neutral gate cable end (1) to the right toward the passenger seat to disengage the cable end from the shifter pin.
4. Release the spring-clip holding cable end (2) to fulcrum ball under the shifter handle and push the cable end downward to disengage it.

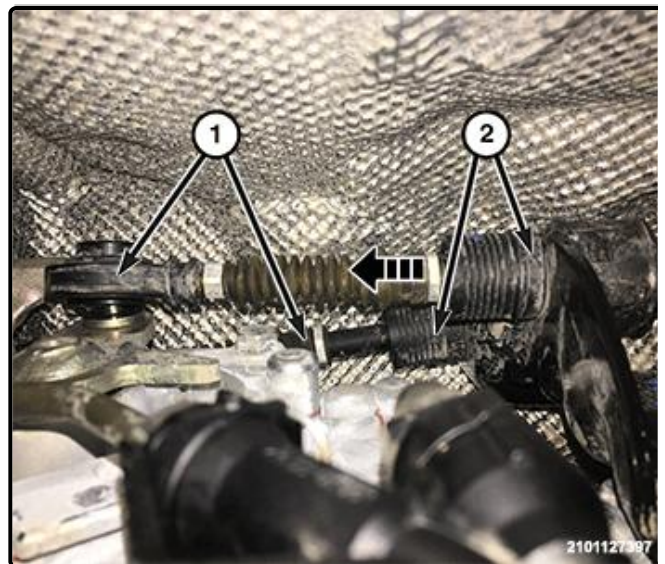


5. Remove the three retaining nuts (1) from the cable pass-through plug, push the cable pass-through plug downward, taking care not to tear the plug.



6. Push the cables down through the pass-through hole.
7. Raise and support the vehicle .

8. Disengage retainer (2) holding the range cable to the transmission bracket and lift the range cable housing from the bracket.
9. Pry range cable upward to disengage the cable end (1) from the counterweighted gearshift lever.
10. Disengage retainer (2) holding the neutral gate cable to the transmission bracket and lift the cable housing from the bracket.
11. Pry neutral gate cable end to the left (driver side) to disengage the cable end (1) from the shift lever



12. Remove the cables from the vehicle.

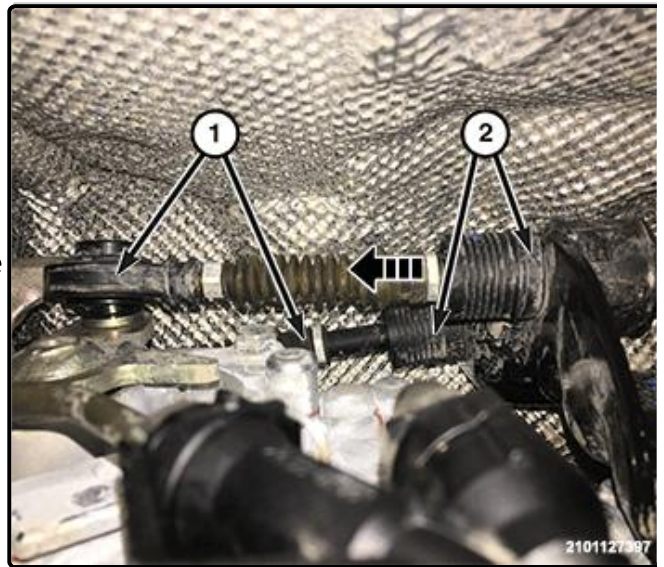
## INSTALLATION

**CAUTION:**Shift cable bracket should not be removed unless rebuilding of transmission and access to the detent plugs is required. If shift cable bracket is removed the measurement must be checked. This measurement is critical. If not set correctly, transmission damage is possible.

**NOTE:** The transmission shift cables are serviced as a set. The cable ends are too large to be drawn through the holes in the rubber floor plug.

1. Raise the vehicle.
2. Insert the shift cables through the access hole in the floor pan under the vehicle.
3. Push the rubber floor plug upward into the access hole and align the studs to the mounting holes in the underside of the floor pan.

4. Route the cables under the vehicle and position the retainers (2) in the shift cable bracket (range select cable located on top, neutral gate cable located on bottom). Push down on the cable retainers to snap them into place.
5. Connect the cable ends (1) to the shift levers at the transmission (range select the on top, neutral gate on the left side).



6. Lower the vehicle.

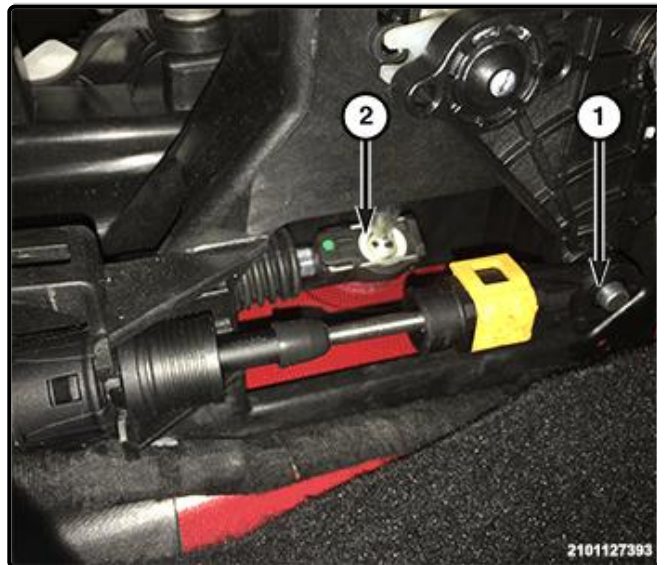
7. Tighten the three retaining nuts (1) for the cable assembly pass-through to the proper (Torque Specifications) .



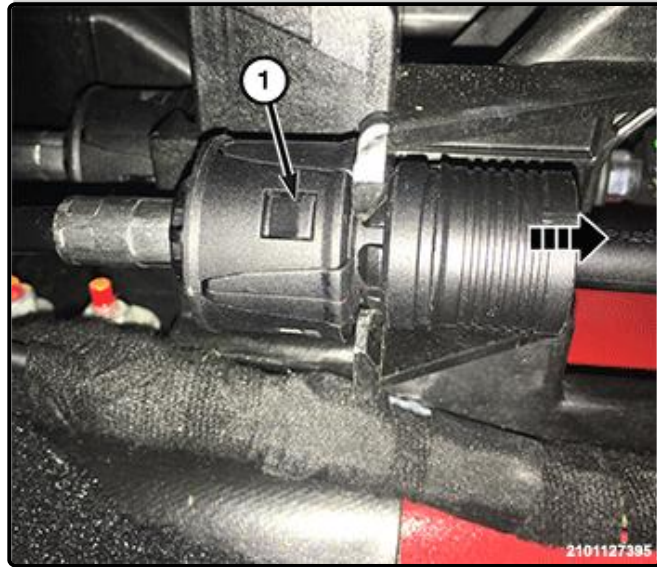
8. Route the range cable under the shifter and engage the cable housings into position on the shifter bracket. Push downward to lock the cable housings in place.

9. Connect the range cable end (2) to the ball end under the shifter. Position the neutral gate cable end (1) onto shift lever and snap it in place.

**NOTE: DO NOT LOCK THE NEUTRAL GATE CABLE ADJUSTMENT YET.**



10. Position the gear shifter in third gear inside the vehicle.



11. While holding the shifter forward against the blocker in third gear, set the neutral gate lock (1).
12. Verify the shifter goes into all gears smoothly and there is no resistance or excessive force needed to shift into all gears.
13. Install the floor console assembly (Refer to 23 - Body/Interior/CONSOLE, Floor/Removal and Installation).
14. Road test the vehicle to verify the repair.

