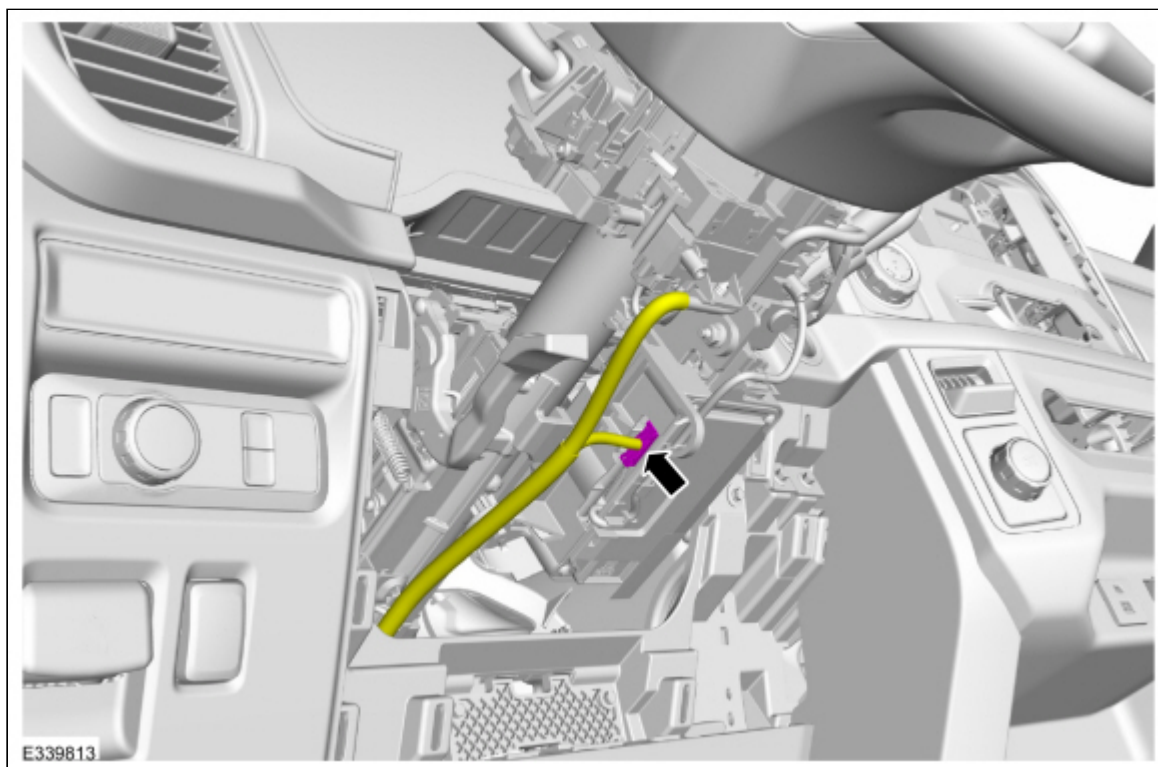


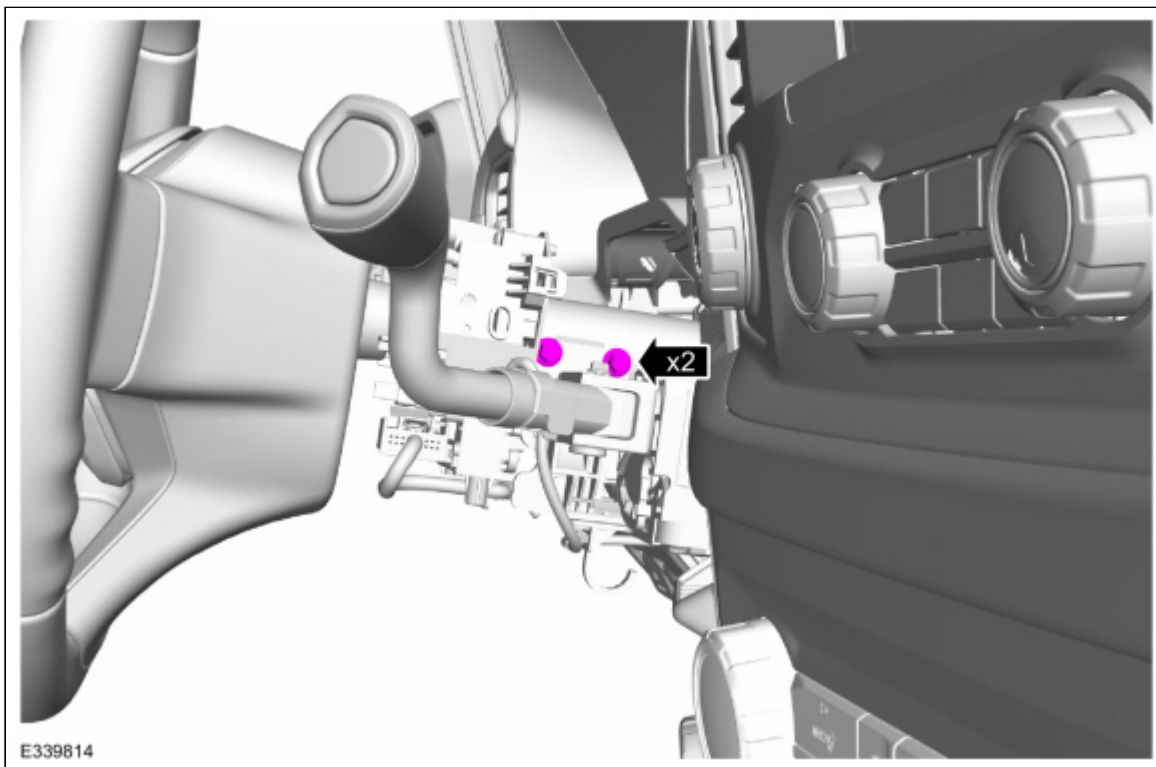
## Gear Shift Module (GSM) - Vehicles With: Column Shift

### Removal

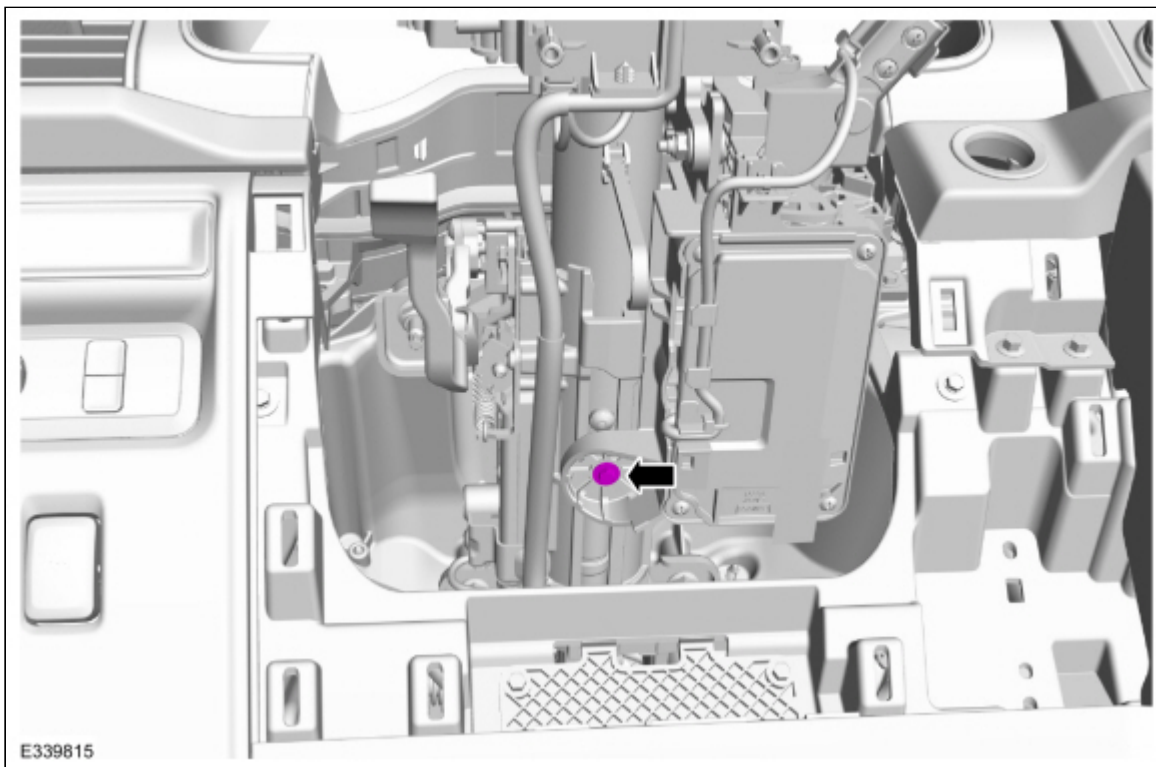
1. Place the vehicle in stay in neutral mode.  
Refer to: [Stay in Neutral](#) (307-05A Automatic Transmission External Controls - 10-Speed Automatic Transmission – 10R80, General Procedures).
2. Remove the steering column shrouds.  
Refer to: [Steering Column Shrouds](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).
3. Disconnect the GSM electrical connector.



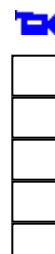
4. Remove the upper GSM bolts.

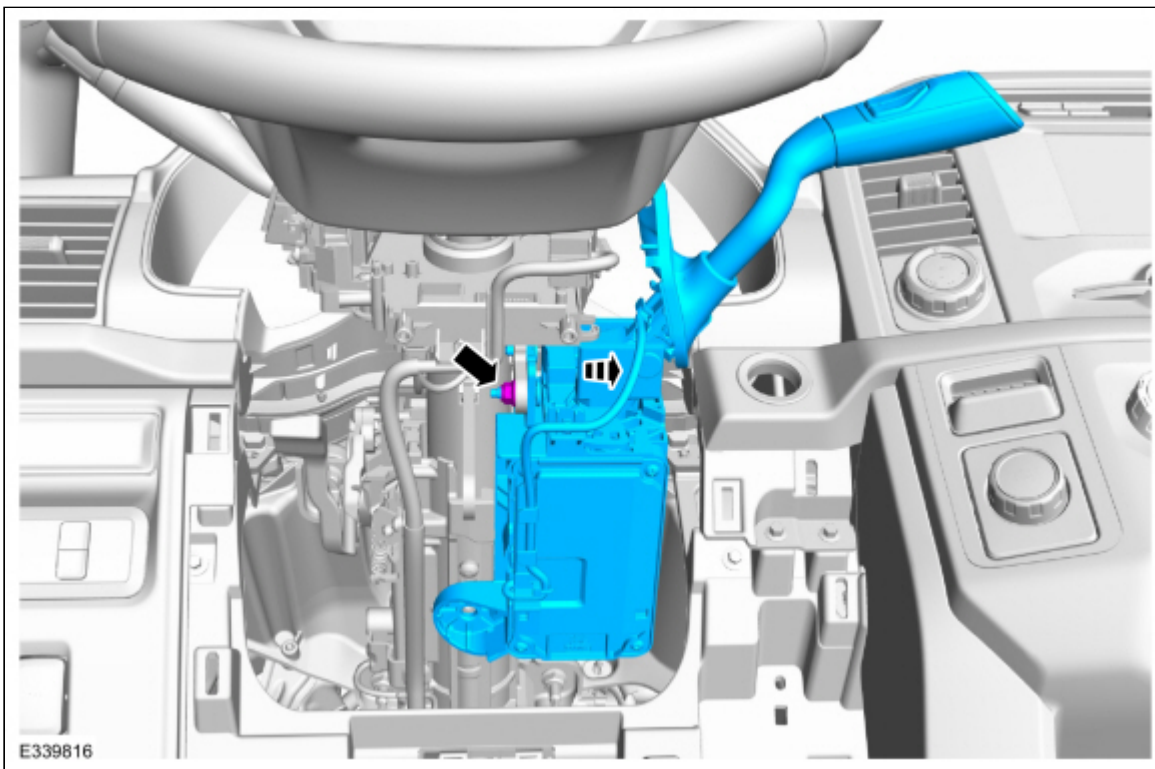


5. Remove the lower GSM bolt.



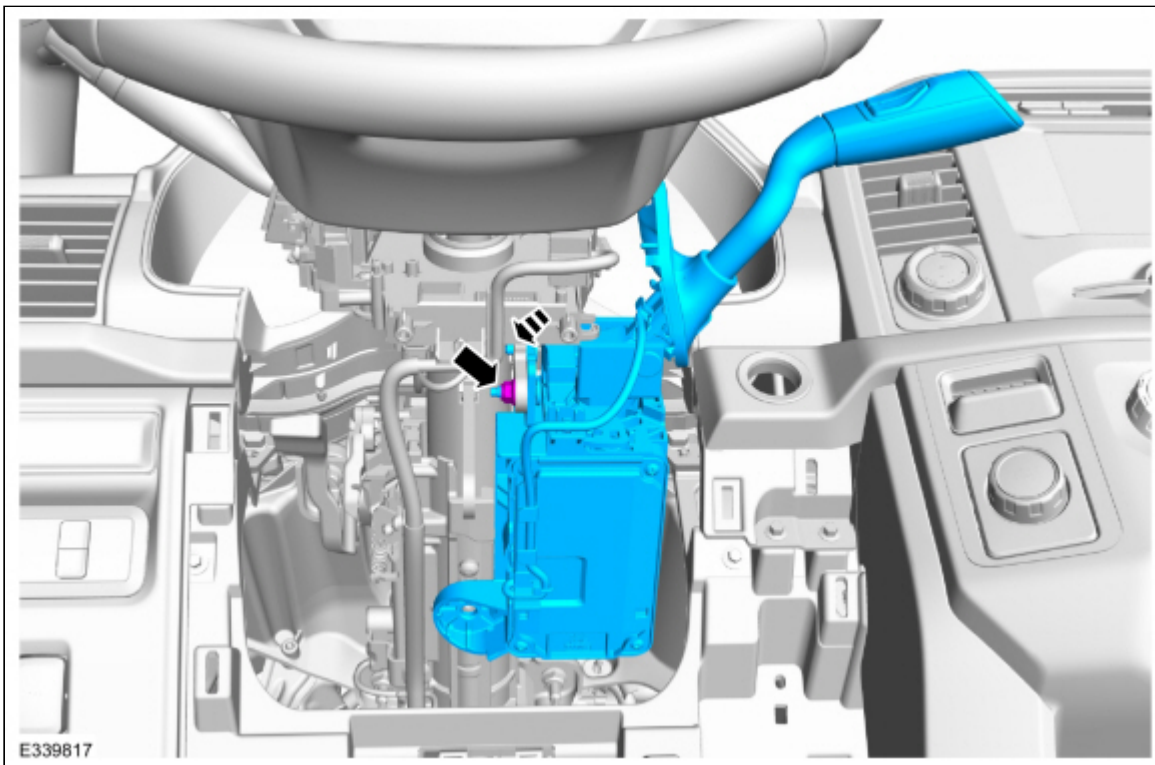
6. Remove the nut and the GSM .





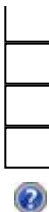
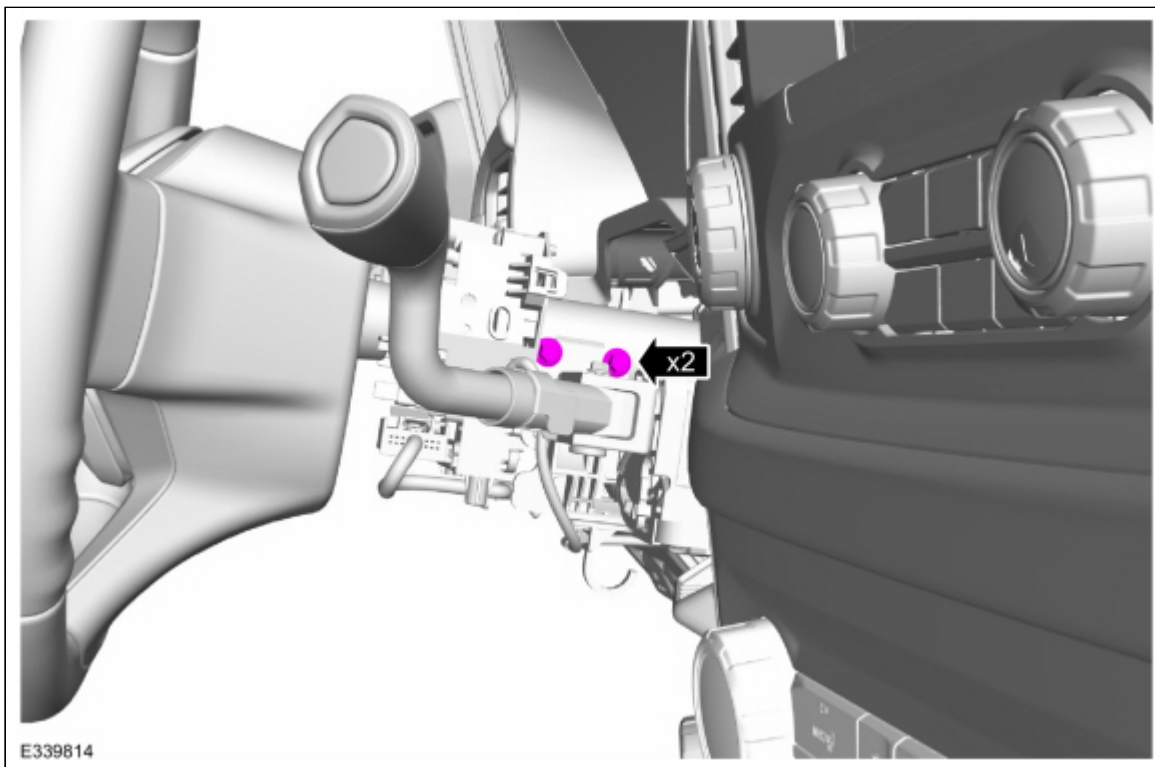
## Installation

1. Align the GSM pin and loosely install the nut.

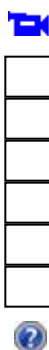
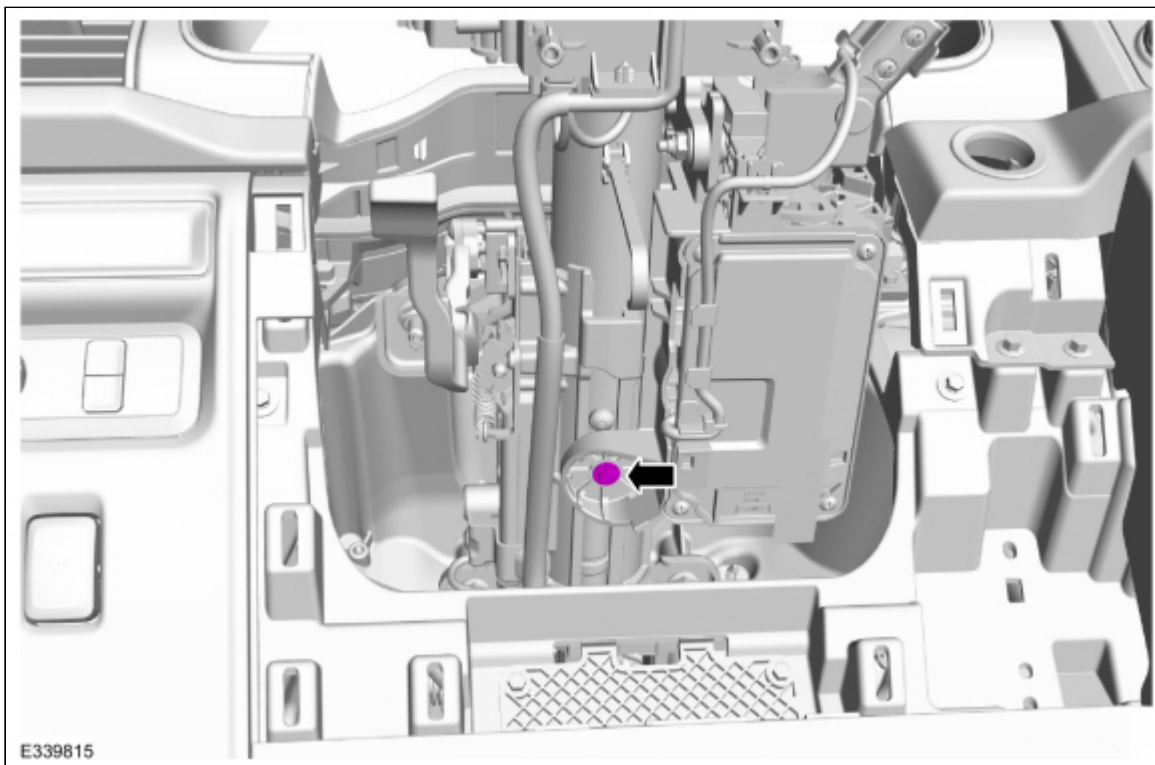


2. Install the upper GSM bolts.  
*Torque: 97 lb.in (11 Nm)*





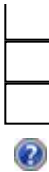
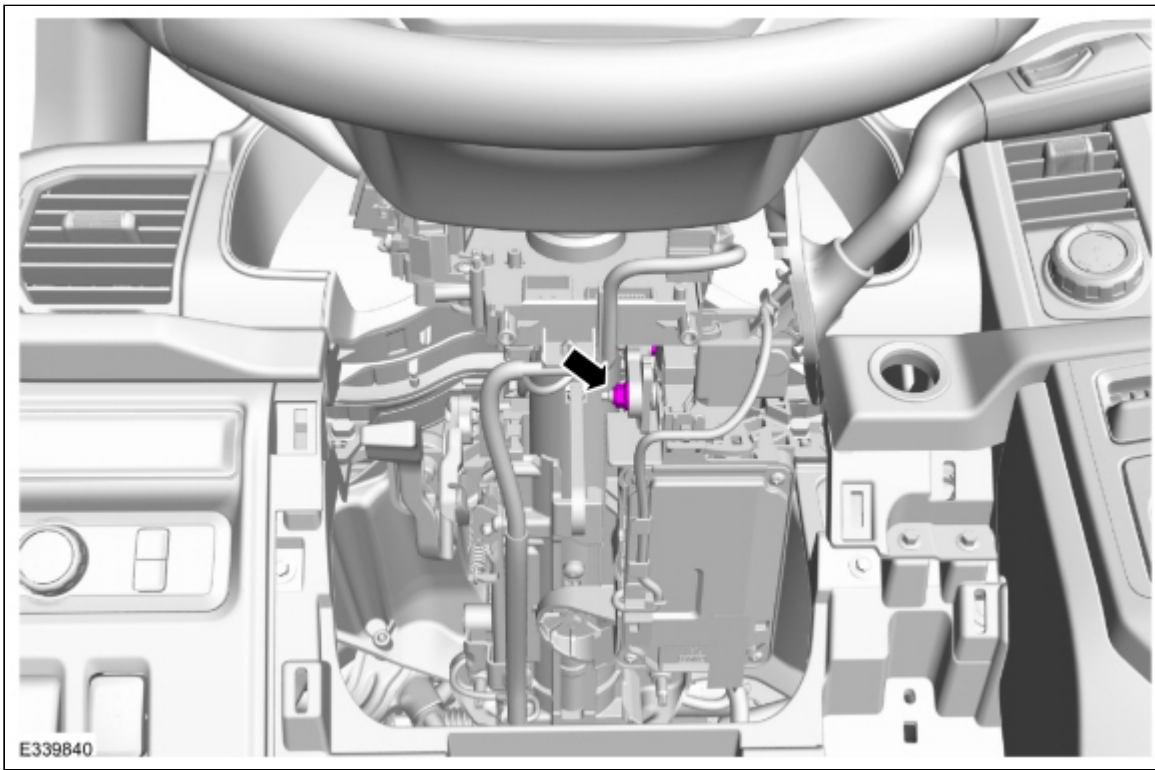
3. Install the lower GSM bolt.  
Torque: 97 lb.in (11 Nm)



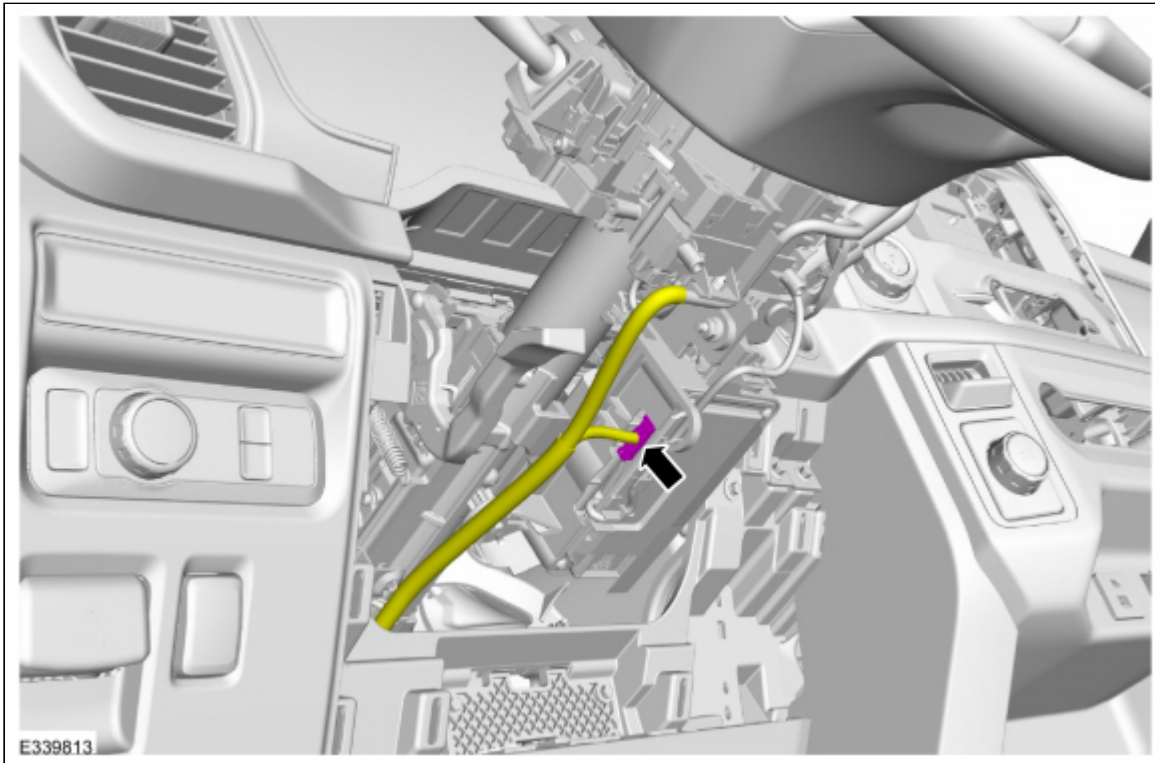
4. Tighten the GSM nut.  
Torque: 97 lb.in (11 Nm)







5. Connect the GSM electrical connector.



6. Install the steering column shrouds.  
Refer to: [Steering Column Shrouds](#) (501-05 Interior Trim and Ornamentation, Removal and Installation).
7. Return the vehicle to normal operating mode.  
Refer to: [Stay in Neutral](#) (307-05A Automatic Transmission External Controls - 10-Speed Automatic Transmission – 10R80, General Procedures).
8. **NOTE:** *This step is only necessary when installing a new component.*

Using the scan tool, carryout the PMI procedure to install the latest strategy files.  
Refer to: [Module Programming](#) (418-01A Module Configuration, General Procedures).