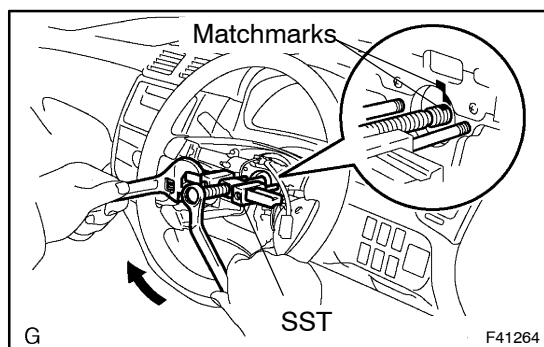


OVERHAUL

1. PRECAUTION (See page 60-1)
2. SEPARATE BATTERY NEGATIVE TERMINAL (See page 60-1)
3. PLACE FRONT WHEELS FACING STRAIGHT AHEAD
4. REMOVE STEERING WHEEL COVER LOWER NO.2
5. REMOVE HORN BUTTON ASSY
(See page 60-15)

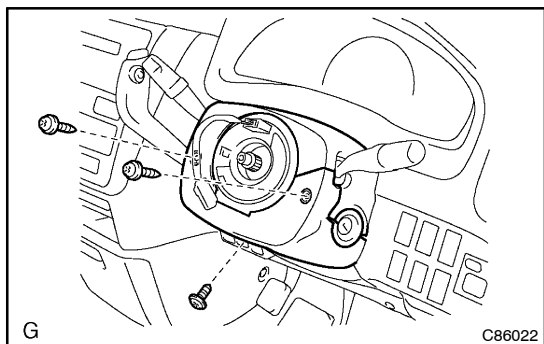


6. REMOVE STEERING WHEEL ASSY

- (a) Remove the steering wheel assy set nut.
- (b) Place matchmarks on the steering wheel assy and steering main shaft assy.
- (c) Using SST, remove the steering wheel assy.
SST 09950-50013 (09951-05010, 09952-05010, 09953-05010, 09954-05021)

7. REMOVE SHIFT LEVER HOLE COVER (A/T TRANSAXLE)

8. REMOVE INSTRUMENT PANEL FINISH LOWER PANEL RH
(See page 71-10)

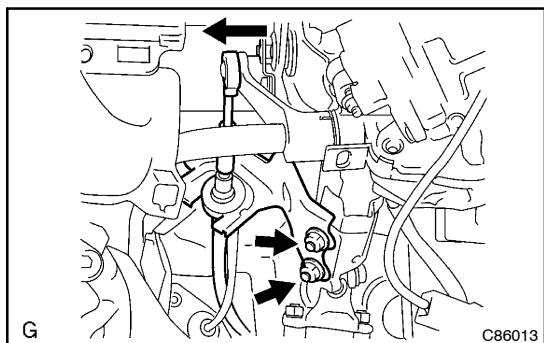


9. REMOVE STEERING COLUMN COVER LWR

- (a) Remove the 3 screws and steering column cover LWR.

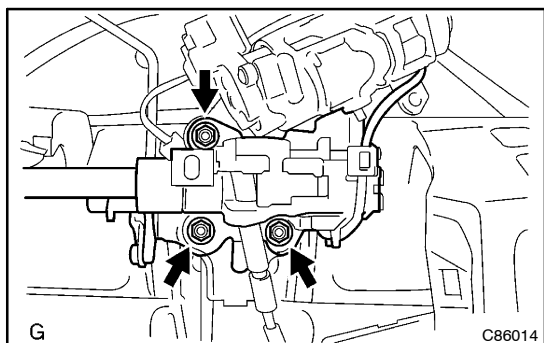
10. REMOVE STEERING COLUMN COVER UPR

11. REMOVE HEADLAMP DIMMER SWITCH ASSY
(See page 60-24)
12. REMOVE WINDSHIELD WIPER SWITCH ASSY
(See page 60-24)
13. REMOVE SPIRAL CABLE SUB-ASSY
(See page 60-24)



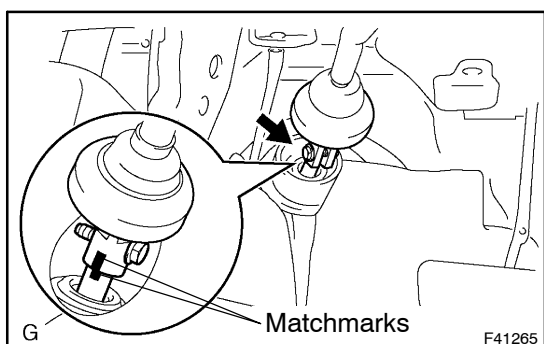
14. SEPARATE TRANSMISSION CONTROL CABLE BRACKET(A/T TRANSAXLE)

- Separate the transmission control cable.
- Remove the 2 nuts and separate the transmission control cable bracket.



15. SEPARATE CONTROL SHAFT ASSY(A/T TRANSAXLE)

- Remove the 3 nuts and separate the control shaft assy.

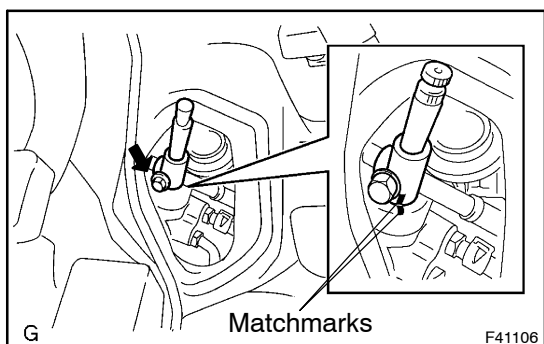


16. SEPARATE STEERING INTERMEDIATE SHAFT ASSY NO.2

- Place the matchmarks on the intermediate shaft assy No. 2 and intermediate shaft.
- Remove the bolt and separate the intermediate shaft assy No. 2 from the intermediate shaft.

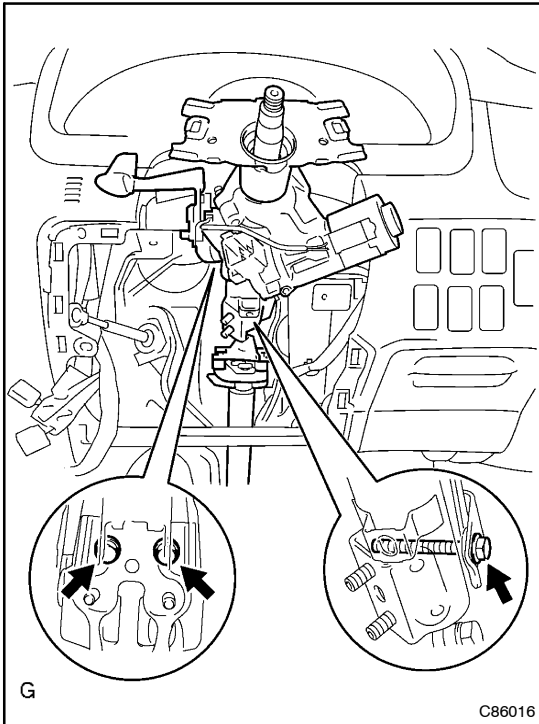
17. REMOVE STEERING COLUMN HOLE COVER SUB-ASSY NO.1

- Remove the 3 bolts and column hole cover sub-assy No. 1.

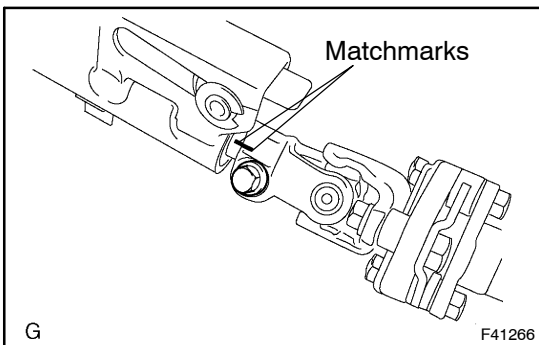


18. REMOVE STEERING INTERMEDIATE SHAFT

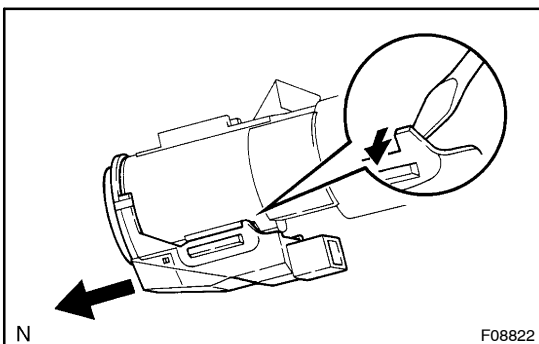
- Place the matchmarks on the intermediate shaft and steering gear assy.
- Remove the bolt and intermediate shaft from the steering gear assy.

**19. REMOVE STEERING COLUMN ASSY**

- (a) Separate the connectors and wire harness clamps.
- (b) Remove the 3 bolts and steering column assy from the instrument panel reinforcement assy.

**20. REMOVE STEERING INTERMEDIATE SHAFT ASSY NO.2**

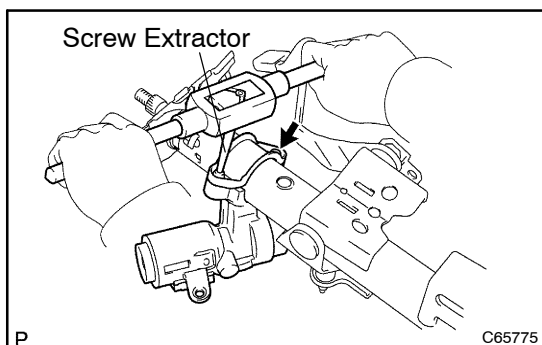
- (a) Place matchmarks on the intermediate shaft assy No. 2 and steering main shaft assy.
- (b) Remove the bolt and intermediate shaft assy No. 2.

21. REMOVE KEY CYLINDER LAMP ASSY(W/O ENGINE IMMOBILISER SYSTEM)**22. REMOVE TRANSPONDER KEY AMPLIFIER(W/ ENGINE IMMOBILISER SYSTEM)**

- (a) Widen the claw hung on the upper bracket by approx. 1.0 mm (0.039 in.) using a screwdriver.
- (b) Pull the transponder key amplifier toward the rear of the vehicle with the claw open.

NOTICE:

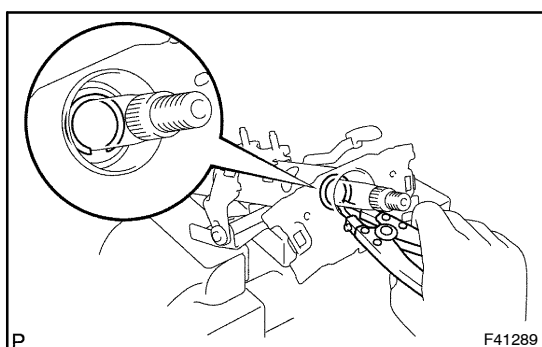
Take care not to use excessive force to prevent the case from being damaged.



23. REMOVE STEERING COLUMN UPPER W/SWITCH BRACKET ASSY

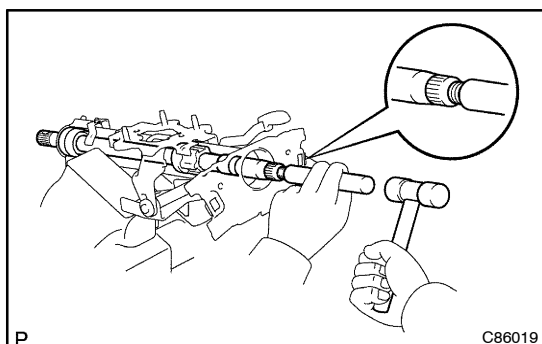
- (a) Using a centering punch, mark the center of the 2 tapered-head bolts.
- (b) Using a 3 – 4 mm (0.12 – 0.16 in.) drill, drill in to the 2 bolts.
- (c) Using a screw extractor, remove the 2 bolts and steering column upper w/switch bracket assy.

24. REMOVE STEERING COLUMN CLAMP UPPER



25. REMOVE STEERING MAIN SHAFT ASSY

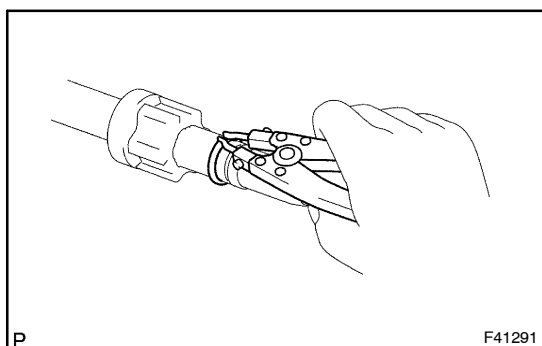
- (a) Using a snap ring expander, remove the steering main shaft snap ring (outer side).



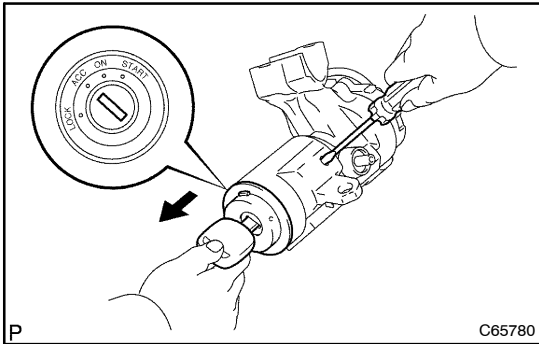
- (b) Using a brass bar and a hammer, remove the steering main shaft assy and steering main shaft bearing.

NOTICE:

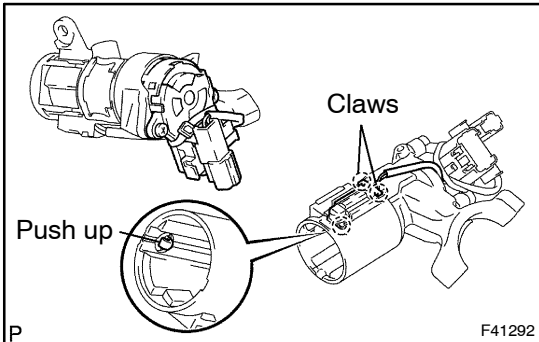
Be careful not drop the steering main shaft assy.



- (c) Using a snap ring expander, remove the steering main shaft snap ring (inner side).
- (d) Check the steering column tube bearing rotation condition and check for abnormal noise.
If the bearing is worn or damaged, replace the steering column assy.

**26. REMOVE IGNITION SWITCH LOCK CYLINDER ASSY**

- (a) Place the ignition switch lock cylinder assy at the ACC position.
- (b) Push down the stop pin with a screwdriver, and pull out the ignition switch lock cylinder assy.

**27. REMOVE UN-LOCK WARNING SWITCH ASSY**

- (a) Separate the un-lock warning switch assy connector from the ignition or starter switch assy.
- (b) Remove the un-lock warning switch assy by pushing up the center part and releasing the 2 claws.

28. REMOVE IGNITION OR STARTER SWITCH ASSY

- (a) Remove the 2 screws and ignition or starter switch assy from the steering column upper w/switch bracket assy.

29. INSTALL IGNITION OR STARTER SWITCH ASSY

- (a) Install the ignition or starter switch assy to the steering column upper w/switch bracket assy with the 2 screws.

30. INSTALL UN-LOCK WARNING SWITCH ASSY

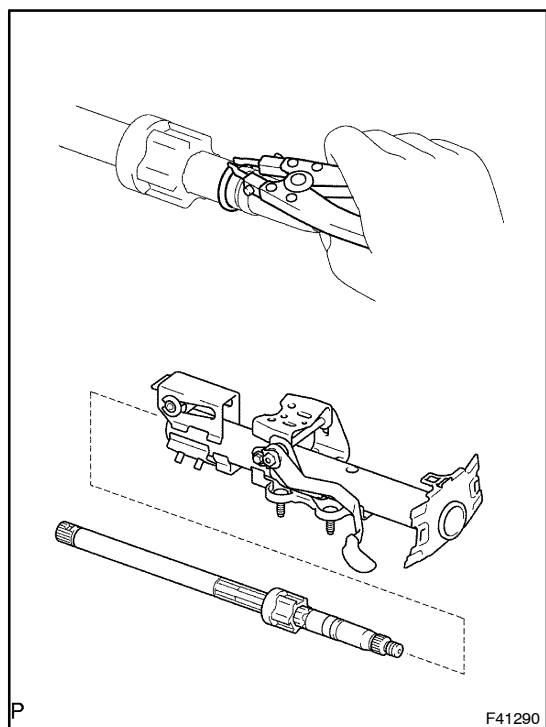
- (a) Install the un-lock warning switch assy.
- (b) Connect the un-lock warning switch assy connector to the ignition or starter switch assy.

31. INSTALL IGNITION SWITCH LOCK CYLINDER ASSY

- (a) Make sure the ignition switch lock cylinder assy at the ACC position.
- (b) Install the ignition switch lock cylinder assy.

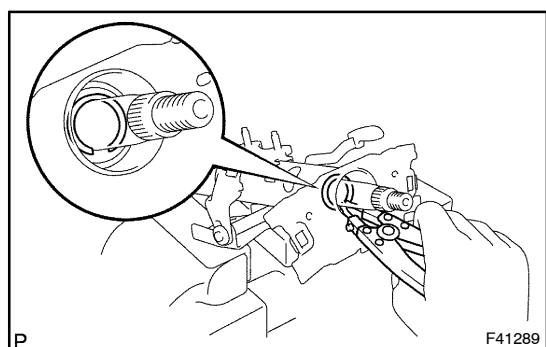
32. INSPECT STEERING LOCK OPERATION

- (a) Check that the steering lock mechanism is activated when removing the key.
- (b) Check that the steering lock mechanism is deactivated when inserting the key and turning it to ACC position.

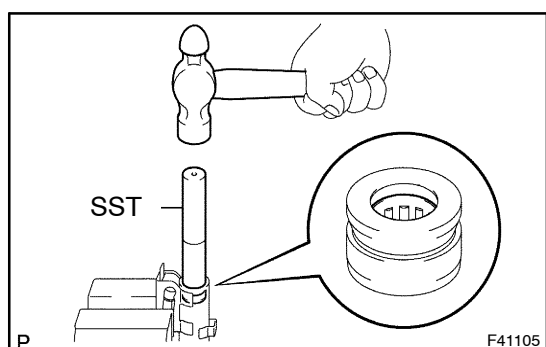


33. INSTALL STEERING MAIN SHAFT ASSY

- (a) Using a snap ring expander, install a new steering main shaft snap ring (inner side) to the steering main shaft assy.
- (b) Install the steering main shaft assy to the steering column tube.

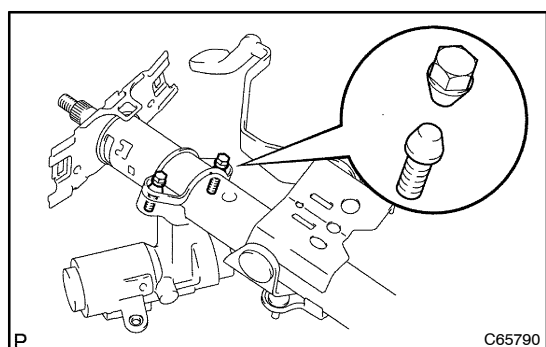


- (c) Using a snap ring expander, install a new steering main shaft snap ring (outer side) to the steering main shaft assy.



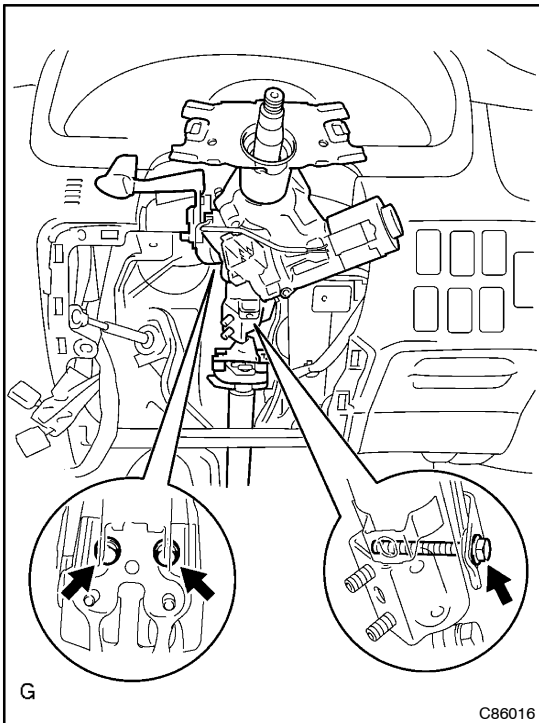
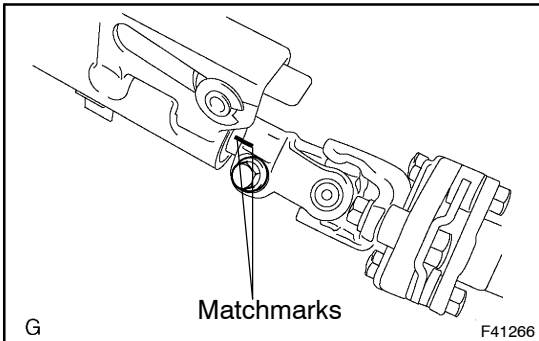
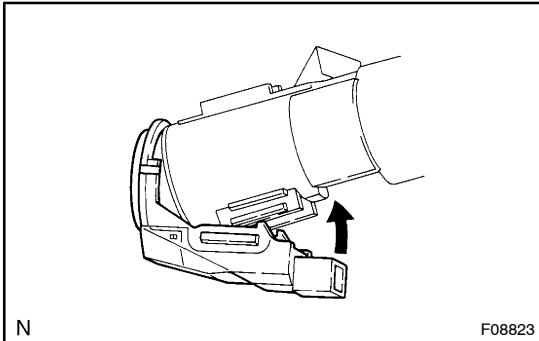
34. INSTALL STEERING MAIN SHAFT RADIAL BALL BEARING

- (a) Using SST and a hammer, install a new steering main shaft bearing.
SST 09612-22011



35. INSTALL STEERING COLUMN UPPER W/SWITCH BRACKET ASSY

- (a) Temporarily install the steering column upper w/switch bracket assy and steering column upper clamp with 2 new tapered-head bolts.
- (b) Tighten the 2 tapered-head bolts until the bolt heads break off.

36. INSTALL KEY CYLINDER LAMP ASSY(W/O ENGINE IMMOBILISER SYSTEM)**37. INSTALL TRANSPONDER KEY AMPLIFIER(W/ ENGINE IMMOBILISER SYSTEM)**

- Align the transponder key amplifier with the installation position of the upper bracket with the amplifier inclined.
- Push the transponder key amplifier up and connect it to the upper bracket.

NOTICE:

Take care not to push the amplifier up with excessive force to prevent it from being damaged.

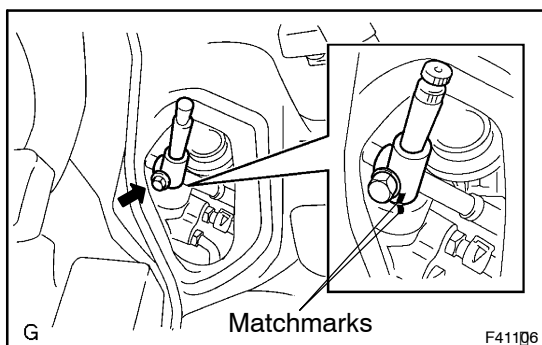
38. INSTALL STEERING INTERMEDIATE SHAFT ASSY NO.2

- Align the matchmarks on the intermediate shaft assy No. 2 and steering main shaft assy.
- Install the intermediate shaft assy No. 2 with the bolt.

Torque: 36 N·m (367 kgf·cm, 27 ft·lbf)

39. INSTALL STEERING COLUMN ASSY

- Install the steering column assy with the 3 bolts.
Torque: 21 N·m (214 kgf·cm, 15 ft·lbf)
- Connect the connectors.
- Connect the wire harness clamps to the steering column tube.

**40. INSTALL STEERING INTERMEDIATE SHAFT**

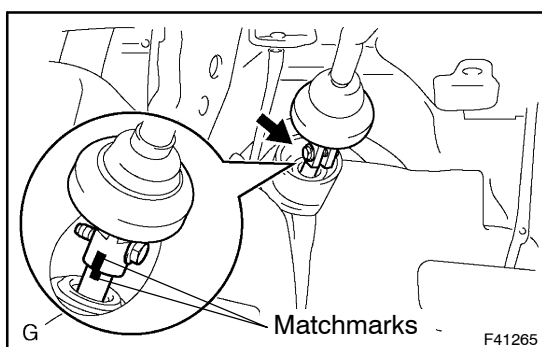
- (a) Align the matchmarks on the intermediate shaft and steering gear Assy.
- (b) Install the bolt.

Torque: 36 N·m (367 kgf·cm, 27 ft·lbf)

41. INSTALL STEERING COLUMN HOLE COVER SUB-ASSY NO.1

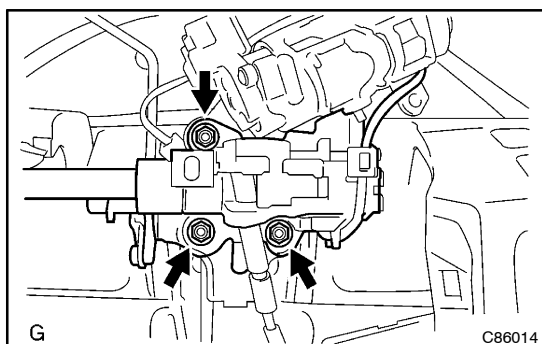
- (a) Install the steering column hole cover No. 1 with the 3 bolts.

Torque: 5.0 N·m (51 kgf·cm, 44 in.·lbf)

**42. CONNECT STEERING INTERMEDIATE SHAFT ASSY NO.2**

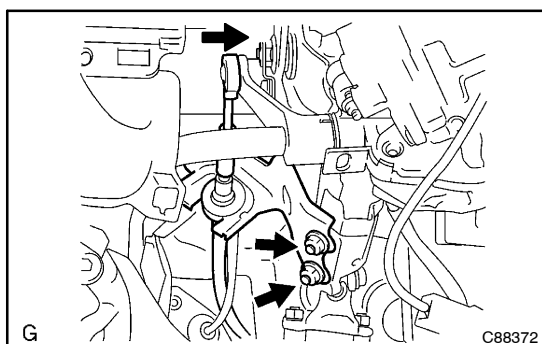
- (a) Align the matchmarks on the intermediate shaft Assy No. 2 and intermediate shaft sub-assy.
- (b) Connect the intermediate shaft Assy No. 2 with the bolt.

Torque: 36 N·m (367 kgf·cm, 27 ft·lbf)

**43. CONNECT CONTROL SHAFT ASSY (A/T TRANSAXLE)**

- (a) Connect the control shaft Assy with the 3 nuts.

Torque: 8.0 N·m (82 kgf·cm, 71 in.·lbf)

**44. CONNECT TRANSMISSION CONTROL CABLE BRACKET (A/T TRANSAXLE)**

- (a) Connect the transmission control cable bracket with the 2 nuts.

Torque: 13 N·m (133 kgf·cm, 10 ft·lbf)

- (b) Connect the transmission control cable.

45. INSPECT SHIFT LEVER POSITION (A/T TRANSAXLE) (See page 40-38)**46. INSPECT SHIFT LOCK SYSTEM (A/T TRANSAXLE) (See page 40-34)****47. INSPECT CHECK KEY INTERLOCK OPERATION (A/T TRANSAXLE) (See page 40-46)****48. PLACE FRONT WHEELS FACING STRAIGHT AHEAD**

49. INSPECT SPIRAL CABLE SUB-ASSY**(See page 60-24)****50. INSTALL SPIRAL CABLE SUB-ASSY****(See page 60-24)****51. CENTER SPIRAL CABLE (See page 60-24)****52. INSTALL STEERING WHEEL ASSY**

(a) Align the matchmarks on the steering wheel assy and steering main shaft assy.

(b) Install the steering wheel assy set nut.

Torque: 50 N·m (510 kgf·cm, 37 ft·lbf)

(c) Connect the connector.

53. INSPECT HORN BUTTON ASSY**(See page 60-15)****54. INSTALL HORN BUTTON ASSY****(See page 60-15)****55. INSTALL STEERING WHEEL COVER LOWER NO.2****56. INSPECT SRS WARNING LIGHT (See page 05-403)**