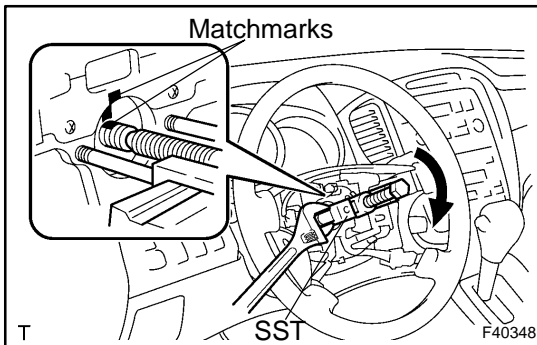


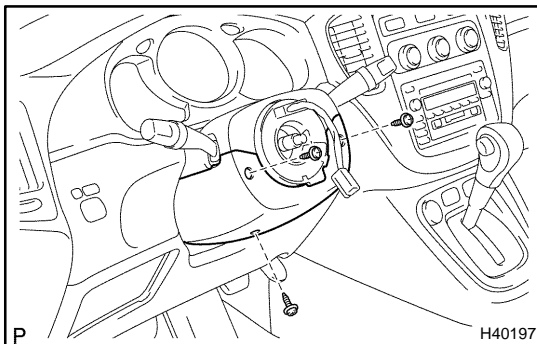
OVERHAUL

1. PRECAUTION (SEE PAGE 60-1)
2. DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)
3. PLACE FRONT WHEELS FACING STRAIGHT AHEAD
4. REMOVE STEERING WHEEL COVER LOWER NO.2 (SEE PAGE 60-17)
5. REMOVE HORN BUTTON ASSY (SEE PAGE 60-17)



6. REMOVE STEERING WHEEL ASSY

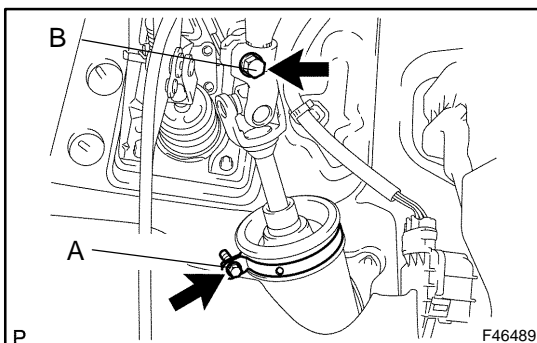
- (a) Remove the steering wheel assy set nut.
- (b) Place matchmarks on the steering wheel assy and main shaft assy.
- (c) Using SST, remove the steering wheel assy.
SST 09950-50013 (09951-05010, 09952-05010, 09953-05020, 09954-05021)



7. REMOVE STEERING COLUMN COVER LWR

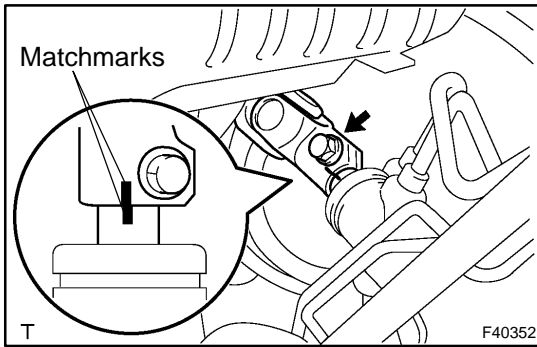
- (a) Remove the 3 screws and steering column cover LWR.

8. REMOVE STEERING COLUMN COVER UPR
9. REMOVE SPIRAL CABLE SUB-ASSY (SEE PAGE 60-26)
10. REMOVE HEADLAMP DIMMER SWITCH ASSY (SEE PAGE 65-25)
11. REMOVE WINDSHIELD WIPER SWITCH ASSY (SEE PAGE 66-16)
12. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSY LOWER (SEE PAGE 71-10)
13. REMOVE INSTRUMENT PNL INSERT SUB-ASSY LWR LH (SEE PAGE 71-10)

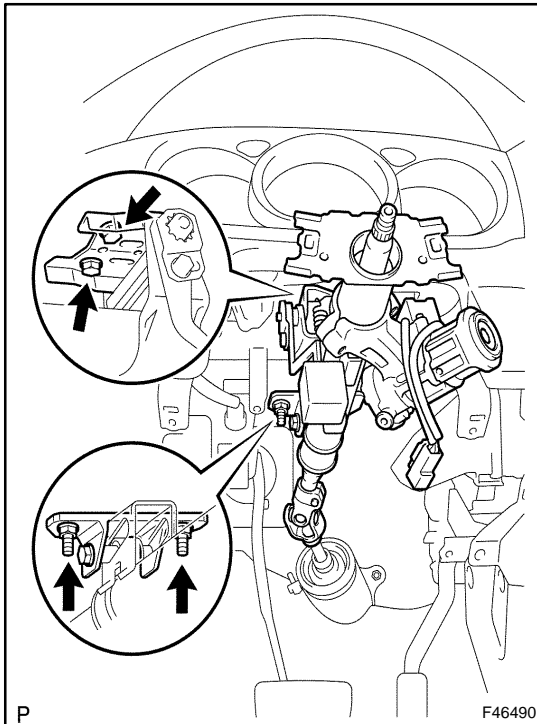


14. SEPARATE STEERING INTERMEDIATE SHAFT SUB-ASSY

- (a) Loosen the bolt A and remove the clamp from the steering intermediate shaft sub-assy.
- (b) Loosen the bolt B.

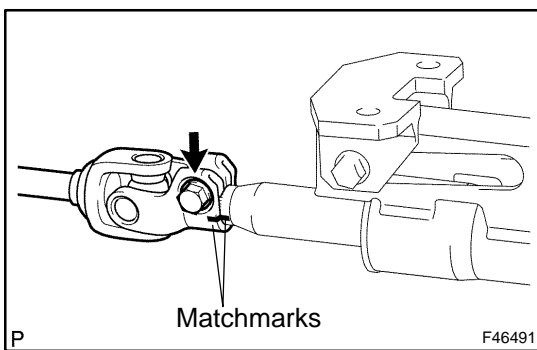


- (c) Place matchmarks on the steering intermediate shaft sub-assy and steering gear assy.
- (d) Remove the bolt and separate the steering intermediate shaft sub-assy.



15. REMOVE STEERING COLUMN ASSY

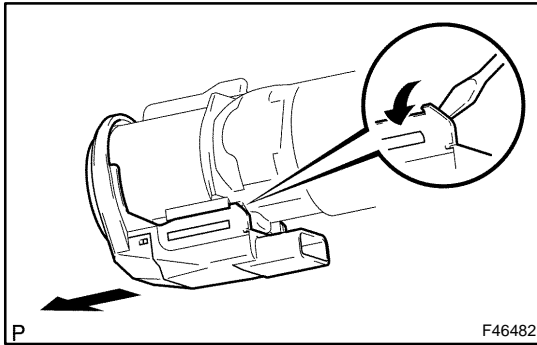
- (a) Separate the connectors and wire harness clamps.
- (b) Remove the 2 bolts, 2 nuts and steering column assy from the instrument panel reinforcement assy.



16. REMOVE STEERING INTERMEDIATE SHAFT SUB-ASSY

- (a) Place matchmarks on the steering intermediate shaft sub-assy and steering shaft.
- (b) Remove the bolt and steering intermediate shaft sub-assy.

17. REMOVE KEY CYLINDER LAMP ASSY (W/ ILLUMINATED ENTRY SYSTEM)

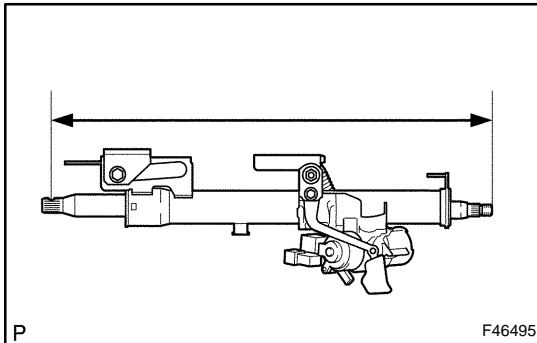


18. REMOVE TRANSPONDER KEY AMPLIFIER (W/ ENGINE IMMOBILISER SYSTEM)

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

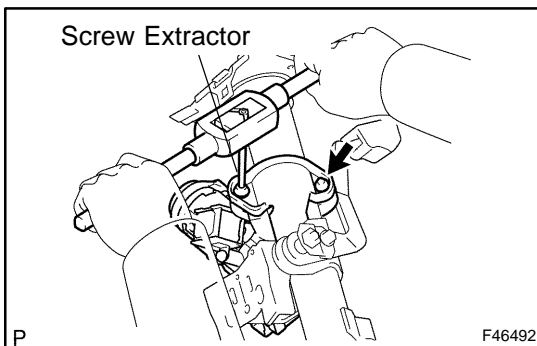
NOTICE:

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



19. INSPECT STEERING MAIN SHAFT ASSY

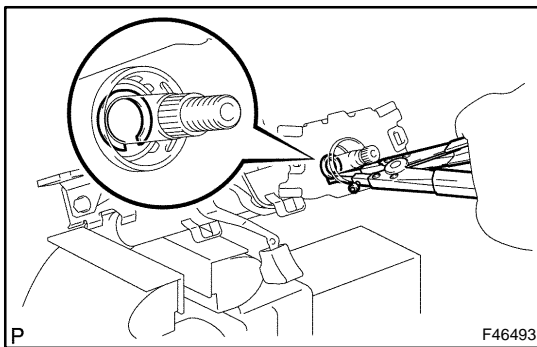
- Measure the steering main shaft length.
Standard length: 504.5 ± 1 mm (19.862 ± 0.039 in.)
- If the length is out of specification, replace the steering column assy with a new one.



20. REMOVE STEERING COLUMN UPPER W/SWITCH BRACKET ASSY

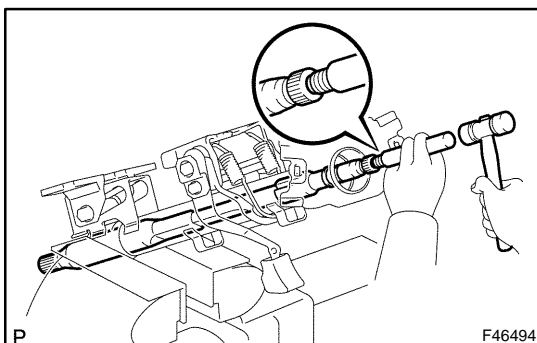
- Using a centering punch, mark the center of the 2 tapered-head bolts.
- Using a 3 to 4 mm (0.12 to 0.16 in.) drill, drill in to the 2 bolts.
- Using a screw extractor, remove the 2 bolts and steering column upper w/ switch bracket assy.

21. REMOVE STEERING COLUMN CLAMP UPPER



22. REMOVE STEERING MAIN SHAFT ASSY

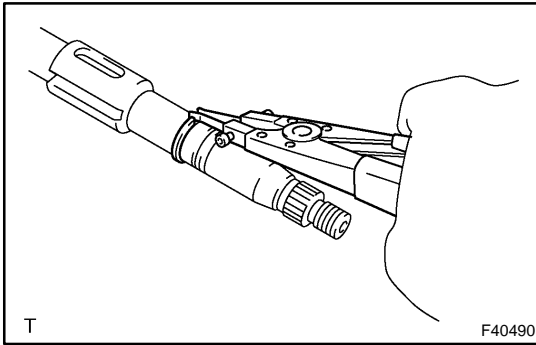
- Using a snap ring expander, remove the steering main shaft snap ring (outer side).



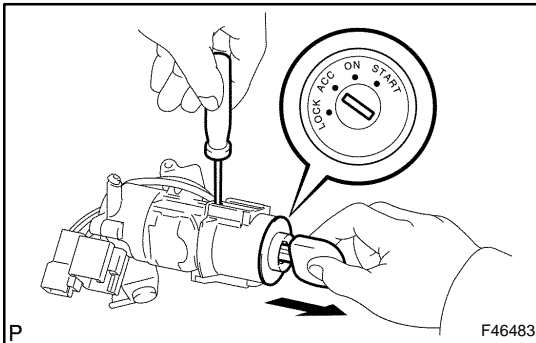
- Using a brass bar and a hammer, remove the steering main shaft assy and steering main shaft bushing.

NOTICE:

Be careful not to drop the steering main shaft assy.

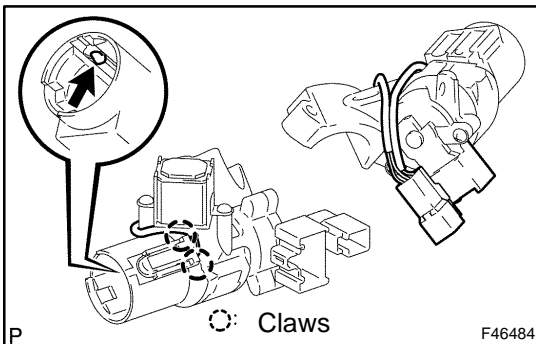


- (c) Using a snap ring expander, remove the steering main shaft snap ring (inner side).



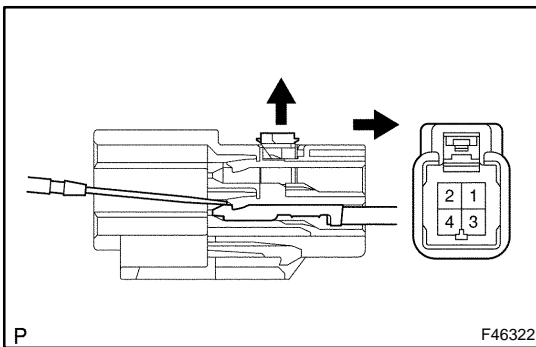
23. REMOVE IGNITION SWITCH LOCK CYLINDER ASSY

- (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 cylinder assy.



24. 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.



- (c) Disengage the secondary locking device.
(d) Using a small screwdriver, disengage the locking lug of the terminals 2 and 4, and pull the terminals out from the un-lock warning switch assy rear side.

25. REMOVE KEY INTER LOCK SOLENOID

- (a) Remove the 2 screws and solenoid from the steering column bracket assy.

26. REMOVE IGNITION OR STARTER SWITCH ASSY

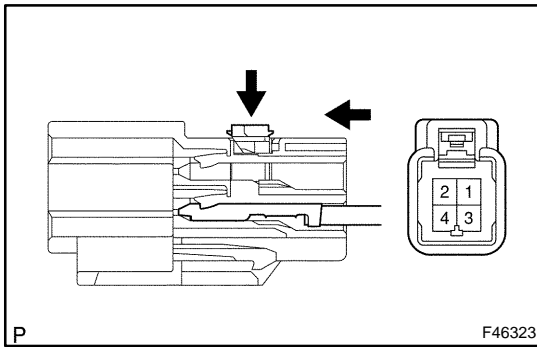
- (a) Remove the 2 screws and ignition or starter switch assy from the steering column bracket assy UPR.

27. INSTALL IGNITION OR STARTER SWITCH ASSY

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

28. INSTALL KEY INTER LOCK SOLENOID

- (a) Install the solenoid to the steering column bracket assy with the 2 screws.

**29. INSTALL UN-LOCK WARNING SWITCH ASSY**

- Install the un-lock warning switch assy.
- Connect the terminals 2 and 4 of the un-lock warning switch assy connector.
- Connect the un-lock warning switch assy connector to the ignition or starter switch assy.

30. INSTALL IGNITION SWITCH LOCK CYLINDER ASSY

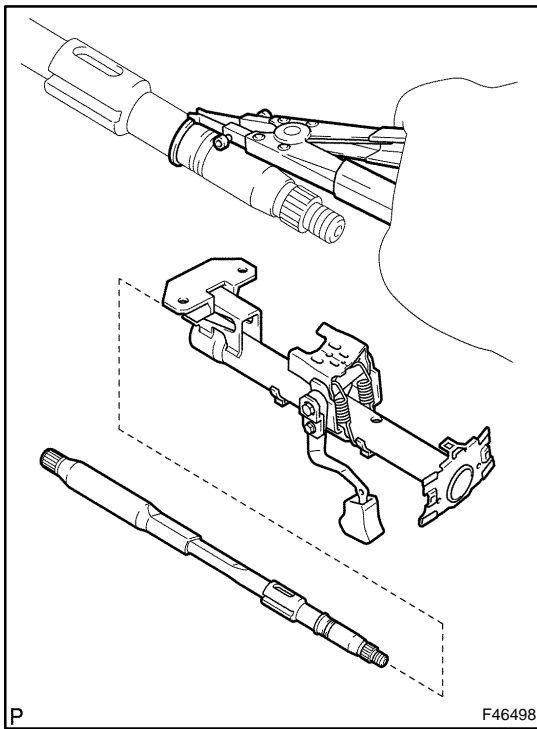
- Make sure the ignition switch lock cylinder assy at the ACC position.
- Install the ignition switch lock cylinder assy.

31. INSPECT STEERING LOCK OPERATION

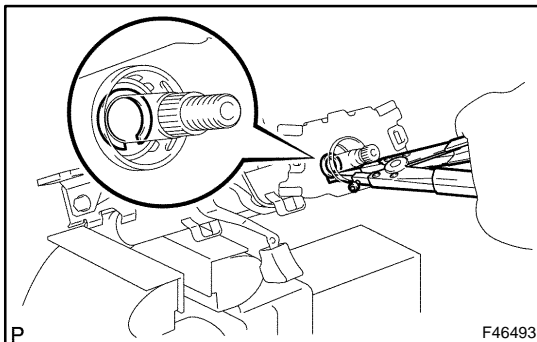
- Check that the steering lock mechanism is activated when removing the key.
- Check that the steering lock mechanism is deactivated when inserting the key and turning it to ACC position.

HINT:

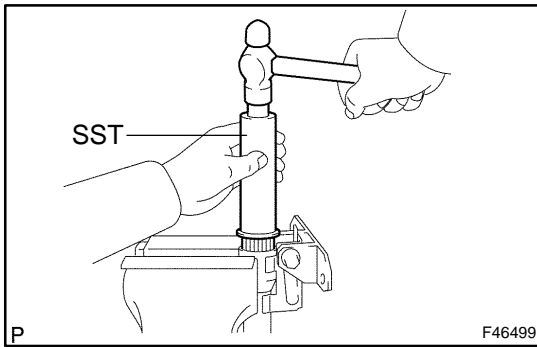
If there is any abnormality, replace the ignition switch lock cylinder assy.

**32. INSTALL STEERING MAIN SHAFT ASSY**

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

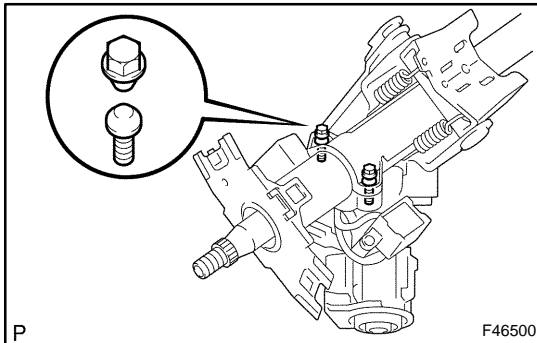


- Using a snap ring expander, install a new steering main shaft snap ring (outer side) to the steering main shaft assy.



33. INSTALL STEERING MAIN SHAFT BUSH

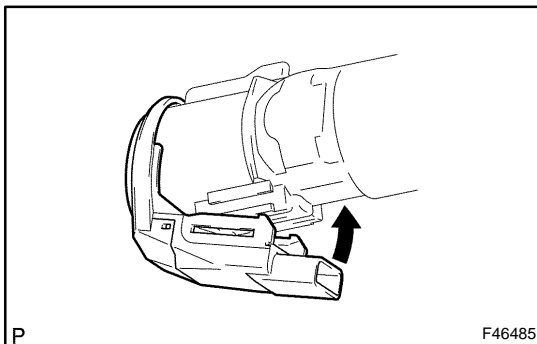
- (a) Using SST and a hammer, install a new steering main shaft bushing.
SST 09608-06041



34. 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.

35. INSTALL KEY CYLINDER LAMP ASSY (W/ ILLUMINATED ENTRY SYSTEM)

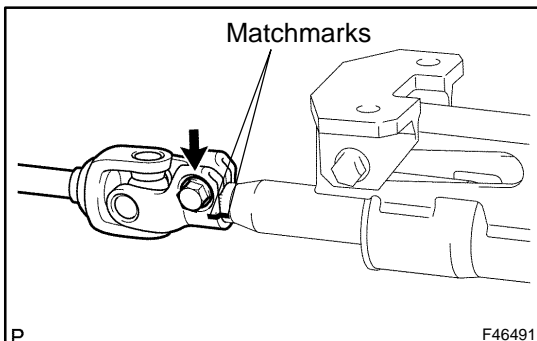


36. INSTALL TRANSPONDER KEY AMPLIFIER (W/ ENGINE IMMOBILISER SYSTEM)

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

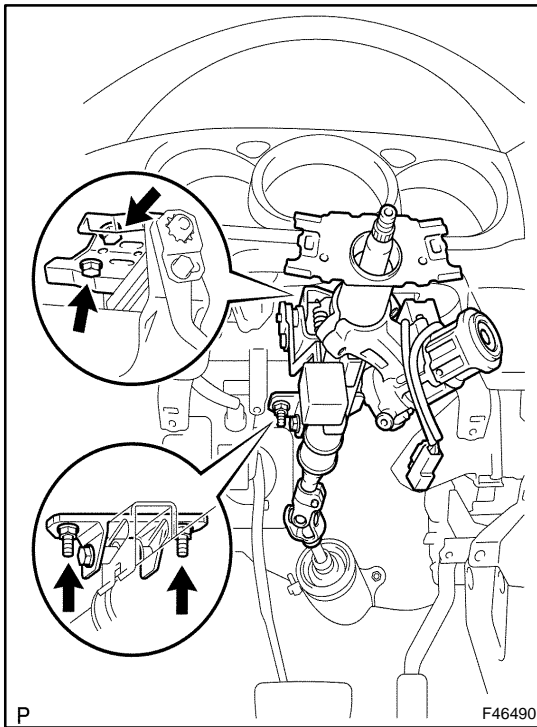
NOTICE:

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

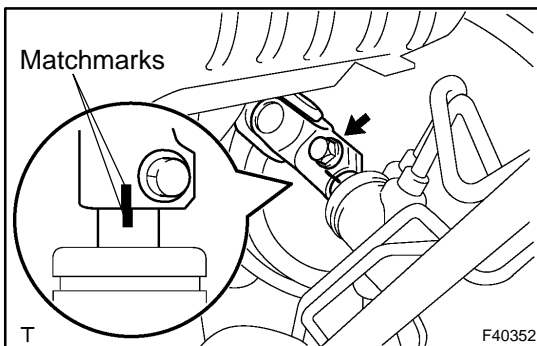


37. TEMPORARILY TIGHTEN STEERING INTERMEDIATE SHAFT SUB-ASSY

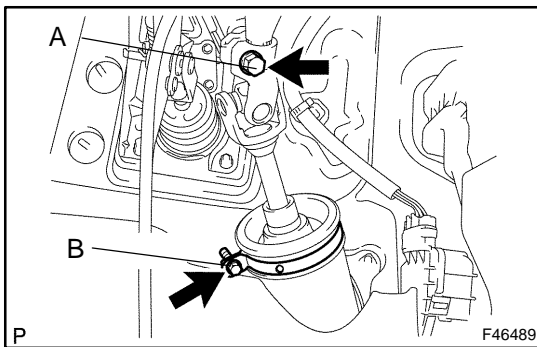
- (a) Align the matchmarks on the steering intermediate shaft sub-assy and steering main shaft assy.
- (b) Temporarily install the steering intermediate shaft sub-assy with the bolt.

**38. INSTALL STEERING COLUMN ASSY**

- (a) Install the steering column assy with the 2 bolts and nuts.
Torque: 21 N·m (210 kgf·cm, 15 ft·lbf)
- (b) Connect the connectors.
- (c) Connect the wire harness clamps to the steering column tube.

**39. CONNECT STEERING INTERMEDIATE SHAFT SUB-ASSY**

- (a) Align the matchmarks on the intermediate shaft sub-assy and steering gear assy.
- (b) Install the bolt.
Torque: 35 N·m (360 kgf·cm, 26 ft·lbf)



- (c) Tighten the bolt A.
Torque: 35 N·m (360 kgf·cm, 26 ft·lbf)
- (d) Connect the clamp to the steering intermediate shaft sub-assy and tighten the bolt B.

40. PLACE FRONT WHEELS FACING STRAIGHT AHEAD**41. INSPECT SPIRAL CABLE SUB-ASSY (SEE PAGE 60-26)****42. INSTALL SPIRAL CABLE SUB-ASSY (SEE PAGE 60-26)****43. CENTER SPIRAL CABLE (SEE PAGE 60-26)****44. INSTALL STEERING COLUMN COVER UPR****45. INSTALL STEERING COLUMN COVER LWR**

- (a) Install the steering column cover LWR with the 3 screws.

46. 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.

47. INSTALL HORN BUTTON ASSY (SEE PAGE [60-17](#))**48. CONNECT BATTERY NEGATIVE TERMINAL****49. INSPECT SRS WARNING LIGHT (SEE PAGE [05-1207](#))**