

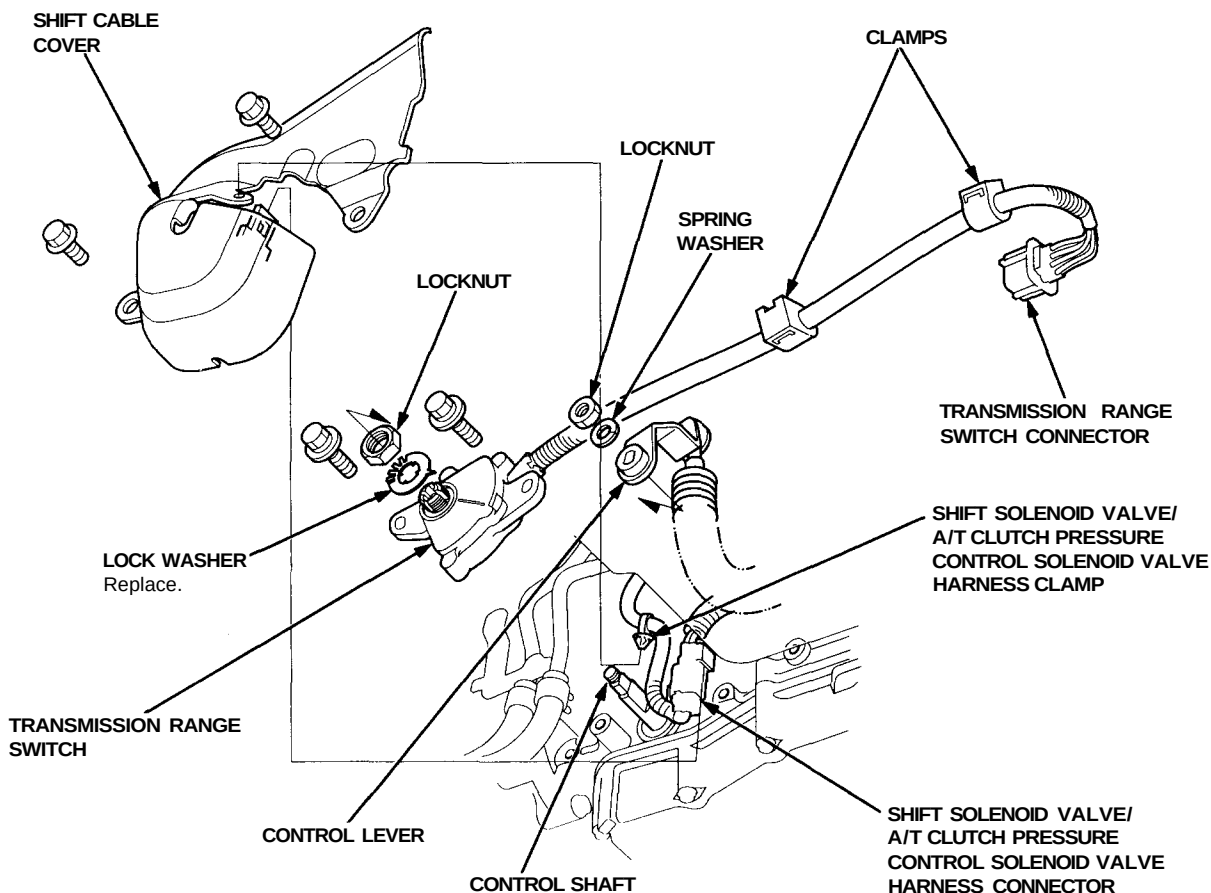


Replacement



WARNING Make sure lifts, jacks and safety stands are placed properly (see [section 1](#)).

1. Raise the front of the vehicle, and support it with safety stands (see [section 1](#)).
2. Set the parking brake, and block both rear wheels securely.
3. Shift the transmission to the **N** position.
4. Remove the clamp, then disconnect the transmission range switch connector.



5. Remove the clamp from the transmission range switch harness bracket on the rear cover.
6. Remove the shift cable cover mounting bolts.
7. Remove the shift solenoid valve/A/T clutch pressure control solenoid valve harness clamp and connector from the shift cable cover.
8. Disconnect the shift solenoid valve/A/T clutch pressure control solenoid valve harness connector, then remove the shift cable cover from the transmission.
9. Remove the control lever.
10. Remove the locknut and lock washer.
11. Remove the transmission range switch.

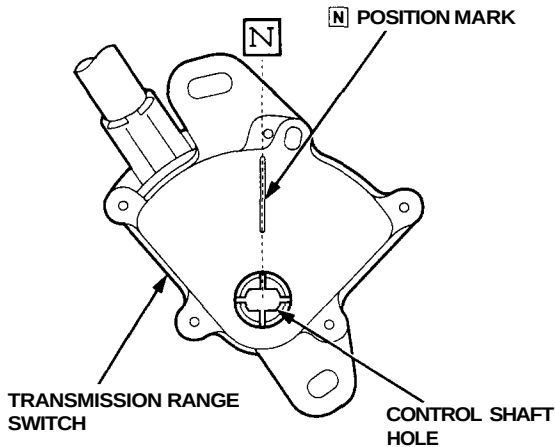
(cont'd)

Transmission Range Switch (A/T Gear Position Switch)

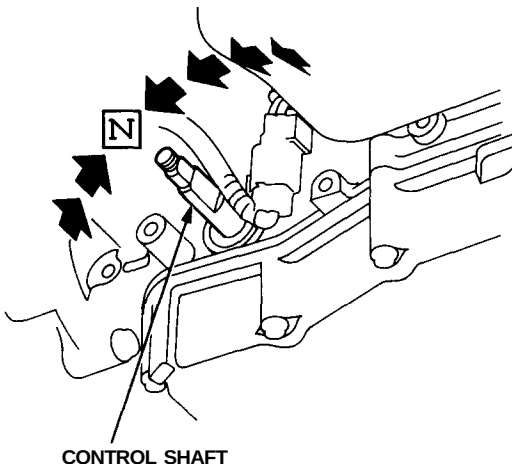
Replacement (cont'd)

12. Set a new transmission range switch to the **N** position as shown.

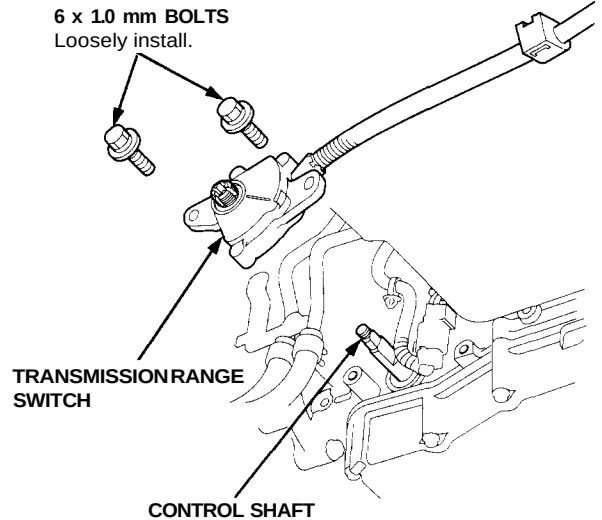
NOTE: The transmission range switch clicks in the **N** position.



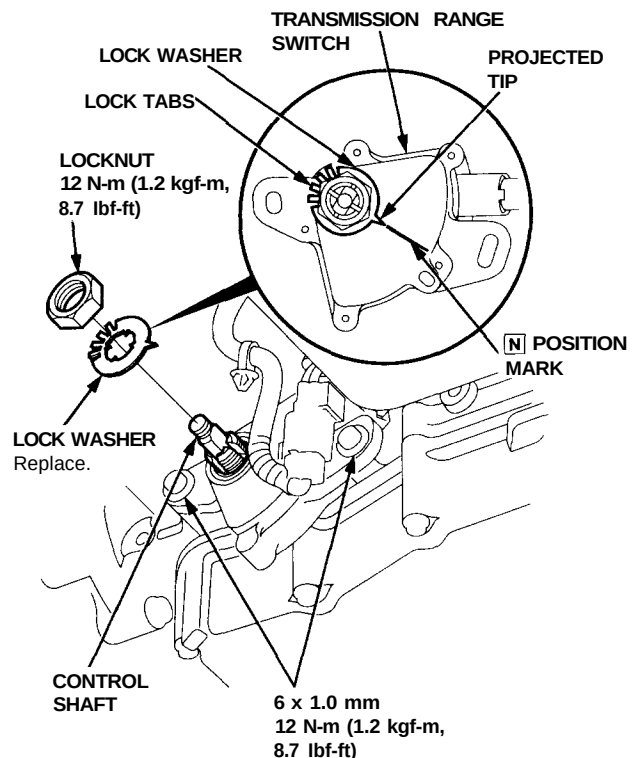
13. Set the control shaft to the **N** position.



14. Install the transmission range switch on the control shaft, and loosely install the bolts.



15. Install a new lock washer on the transmission range switch by aligning its projected tip with the **N** position mark on the transmission range switch as shown.

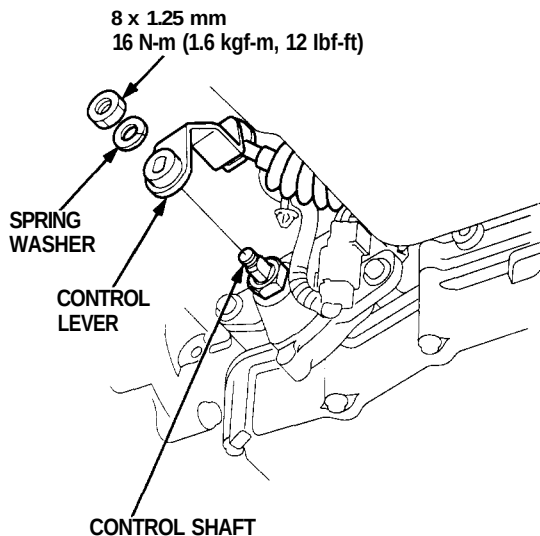


16. Tighten the locknut while holding the control shaft, then bend the lock tabs against the locknut.
17. Tighten the 6 mm bolts to the specified torque.

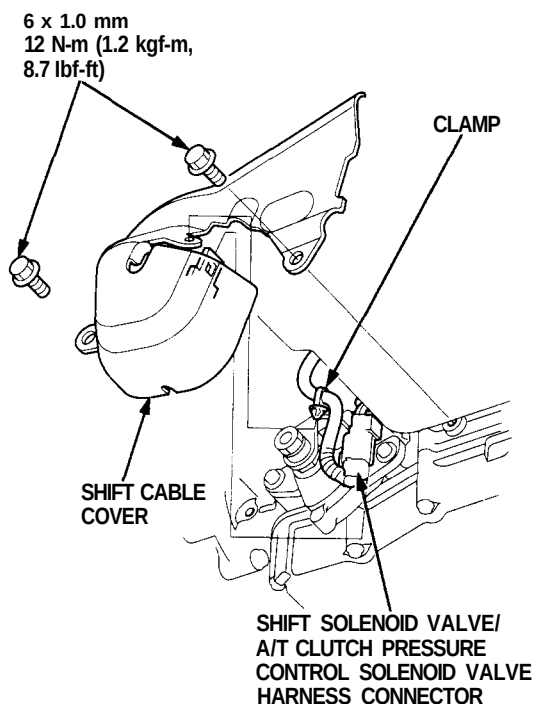


18. Install the control lever.

CAUTION: Take care not to bend the shift cable.

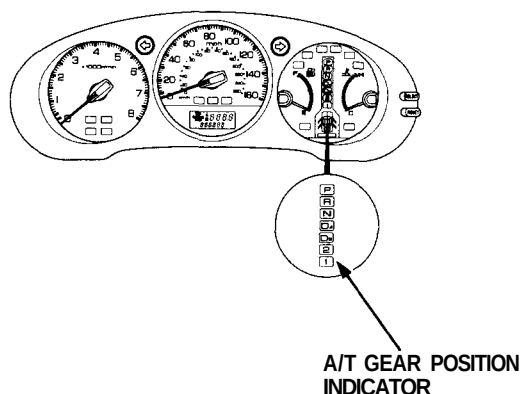


19. Connect the shift solenoid valve/A/T clutch pressure control solenoid valve harness connector.
20. Install the shift solenoid valve/A/T clutch pressure control solenoid valve harness clamp to the shift cable cover, then install the shift cable cover onto the transmission.



21. Connect the transmission range switch harness connector, then clamp the harness clamp on the brackets.
22. Turn the ignition switch ON (II). Move the shift lever through all gears, and check the transmission range switch synchronization with the A/T gear position indicator.

GAUGE ASSEMBLY



23. If the transmission range switch is not synchronized with the A/T gear position indicator, loosen the bolts securing the transmission range switch and adjust the transmission range switch installation.
24. Start the engine. Move the shift lever through all gears, and verify the following:
- The shift lever cannot be moved to the **R** position from the **N** position without pushing the shift lever.
 - The engine will not start in any drive gear, only in the **N** or **P** position.
 - The back-up lights come on when the shift lever is in the **R** position.