

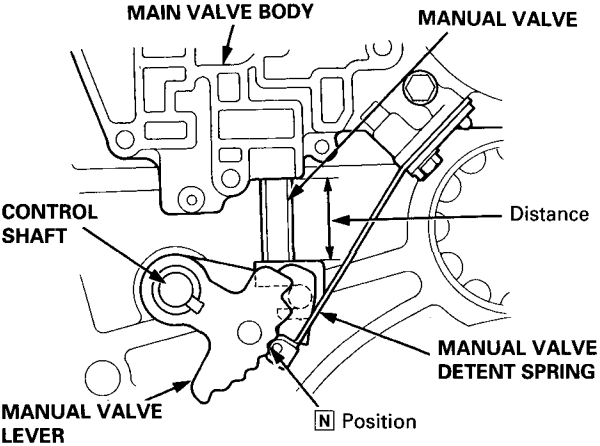
# Manual Valve Detent Spring

## Replacement/Adjustment

NOTE: Select the appropriate manual valve detent spring when these parts are replaced:

- Manual Valve
  - Manual Valve Detent Spring
  - Manual Valve Lever of Control Shaft
1. Install the main valve body, including the ATF pump gears, onto the torque converter housing, and tighten the main valve body bolts to 12 N-m (1.2 kgf-m, 8.7 lbf-ft).  
See page 14-161.
  2. Install the control shaft.
  3. Install the manual valve detent spring on the main valve body and tighten the spring bolt to 14 N-m (1.4 kgf-m, 10 lbf-ft).
  4. Set the manual valve to the **N** position.
  5. Measure the distance between the main valve body and manual valve as shown.

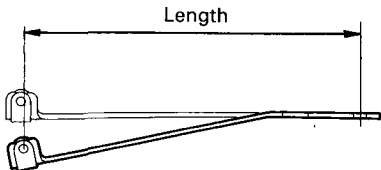
DISTANCE: 28.0 - 29.0 mm (1.102 - 1.142 in)



6. If the measurement is out of tolerance, select the appropriate manual valve detent spring using the table below, then install it and recheck it.

### MANUAL VALVE DETENT SPRING

No.	Part Number	Length
1	24618 - PR9 - 000	103.5 mm (4.07 in)
2	24619 - PR9 - 000	104.0 mm (4.09 in)
3	24620 - PR9 - 000	104.5 mm (4.11 in)

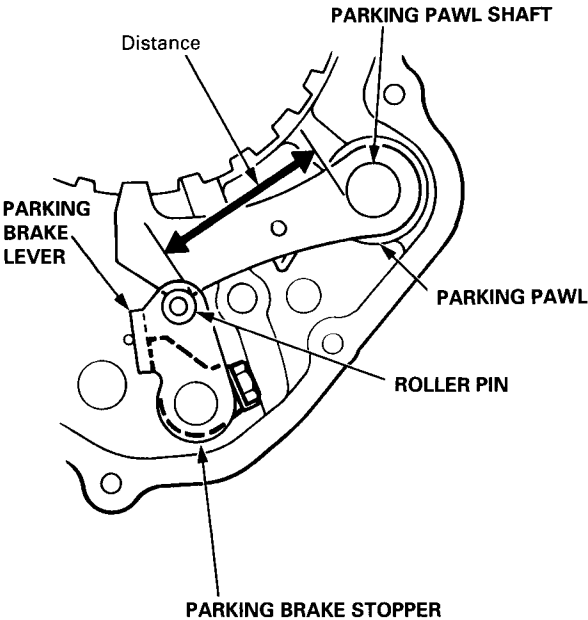


# Parking Brake Stopper

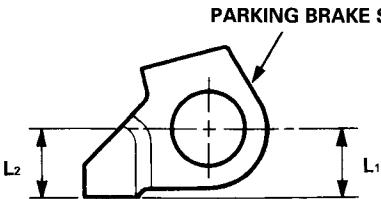
## Inspection/Adjustment

1. Set the parking brake lever in the **P** position.
2. Measure the distance between the face of the parking pawl shaft and face of the parking shift arm roller pin as shown.

DISTANCE: 52.1-53.1 mm (2.051-2.091 in)



3. If the measurement is out of tolerance, select and install the appropriate parking brake stopper from the table below.



### PARKING BRAKE STOPPER

Mark	Part Number	L1	L2
1	24537 - PA9 - 003	11.00 mm (0.433 in)	11.00 mm (0.433 in)
2	24538 - PA9 - 003	10.80 mm (0.425 in)	10.65 mm (0.419 in)
3	24539 - PA9 - 003	10.60 mm (0.417 in)	10.30 mm (0.406 in)

4. After replacing the parking brake stopper, make sure the distance is within tolerance.