

# Manual Valve Detent Spring

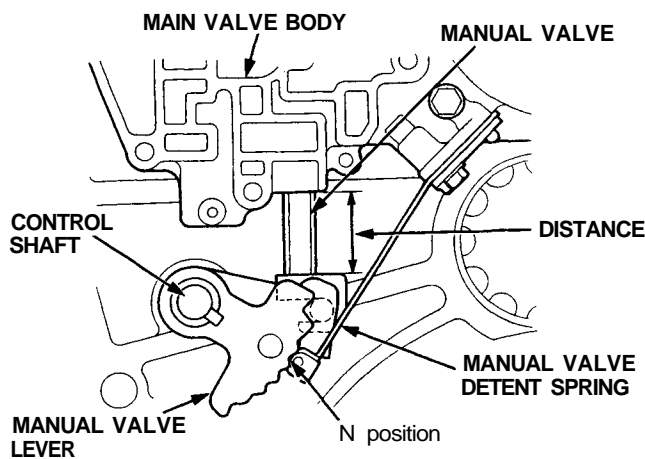
## Replacement/Adjustment

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

- Manual Valve
- Manual Valve Detent Spring
- Manual Valve Lever of Control Shaft

1. Install the main valve body, including the oil pump gears, onto the torque converter housing and tighten to 12 N·m (1.2 kg-m, 9 lb-ft). See page 14-147.
2. Install the control shaft.
3. Install the manual valve detent spring on the main valve body and tighten to 14 N·m (1.4 kg-m, 10 lb-ft).
4. Set the manual valve to N position.
5. Measure the distance between the main valve body and manual valve as shown.

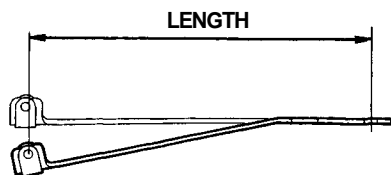
**DISTANCE: 28.0–29.0 mm (1.102–1.142 in)**



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

### 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)

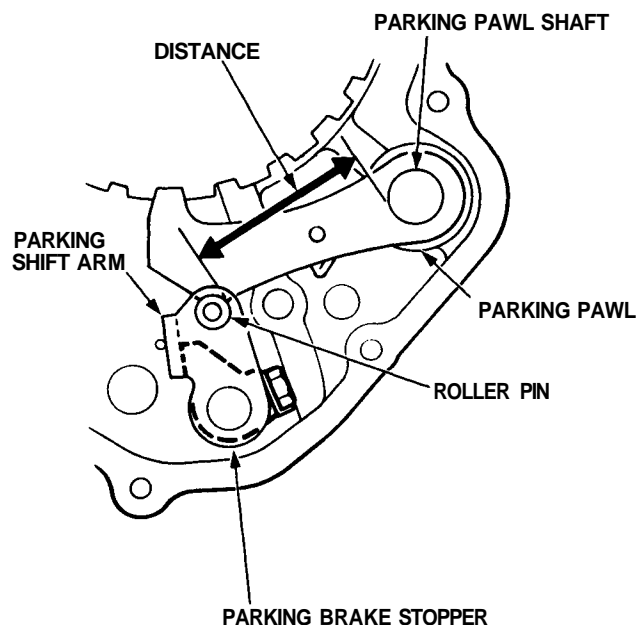


# Parking Brake Stopper

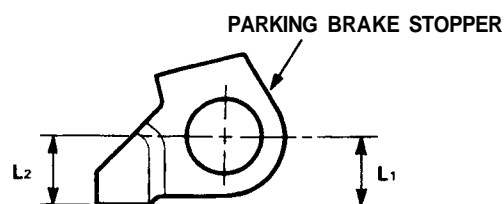
## Inspection/Adjustment

1. Set the parking shift arm 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	L <sub>1</sub>	L <sub>2</sub>
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.