

Manual Valve Detent Spring

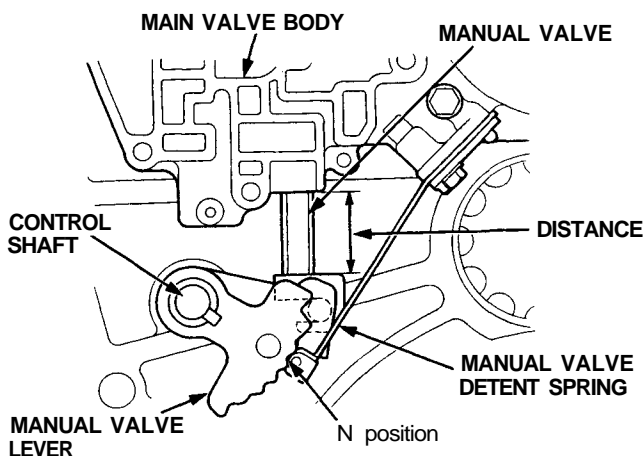
Replacement/Adjustment

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.

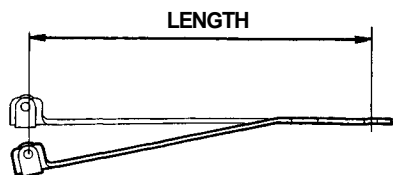
DISTANCE: 28.0–29.0 mm (1.102–1.142 in)



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)

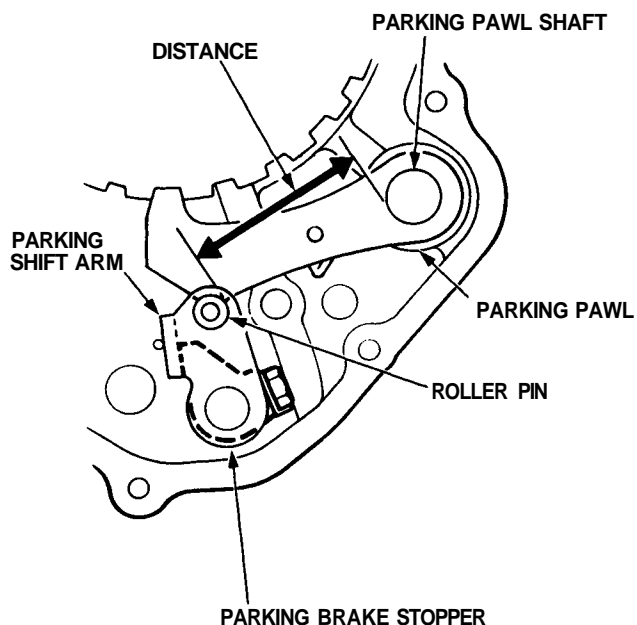


Parking Brake Stopper

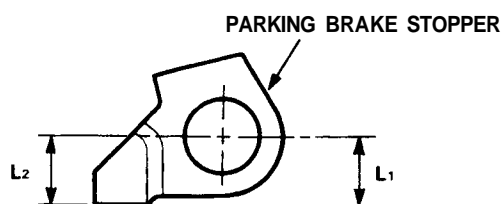
Inspection/Adjustment

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 ₁	L ₂
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.