



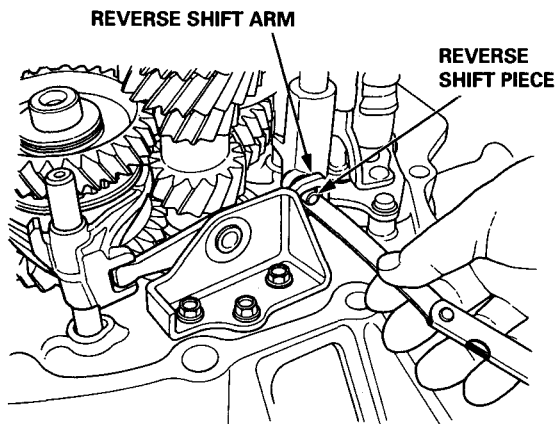
# Reverse Shift Arm, Reverse Shift Fork

## Clearance Inspection

1. Measure the clearance between the reverse shift arm and the reverse shift piece.

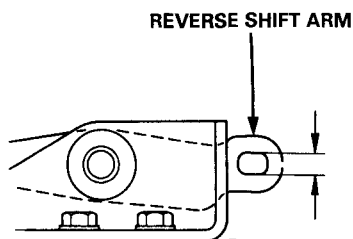
**Standard:** 0.05 – 0.30 mm  
(0.002 – 0.012 in)

**Service Limit:** 0.5 mm (0.02 in)



2. If the clearance exceeds the service limit, measure the width of the groove in the reverse shift arm.

**Standard:** 7.05 – 7.20 mm (0.278 – 0.283 in)

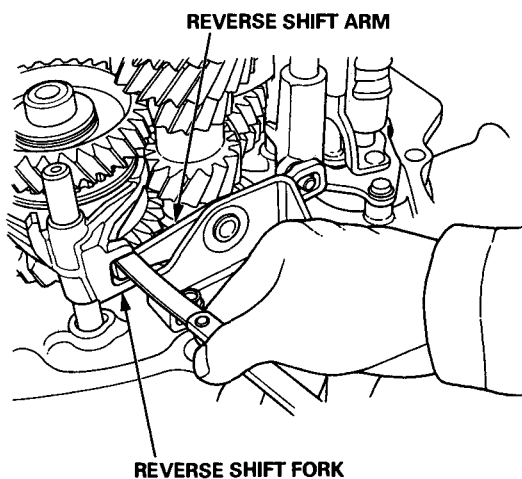


If the width of the groove exceeds the standard, replace the reverse shift arm with a new one.  
If the width of the groove is within the standard, replace the reverse shift piece with a new one.

3. Measure the clearance between the reverse shift arm and reverse shift fork.

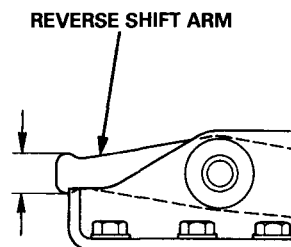
**Standard:** 0.05 – 0.35 mm  
(0.002 – 0.014 in)

**Service Limit:** 0.5 mm (0.02 in)



4. If the clearance exceeds the service limit, measure the width of the reverse shift arm.

**Standard:** 12.8 – 13.0 mm (0.504 – 0.512 in)



If the width is less than the standard, replace the reverse shift arm with a new one.  
If the width is within the standard, replace the reverse shift fork with a new one.

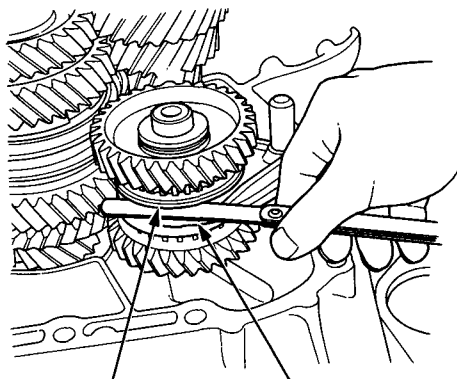
(cont'd)

# Reverse Shift Arm, Reverse Shift Fork Clearance Inspection (cont'd)

5. Measure the clearance between the reverse shift fork and reverse synchro sleeve.

**Standard:** 0.45 – 0.65 mm  
(0.018 – 0.026 in)

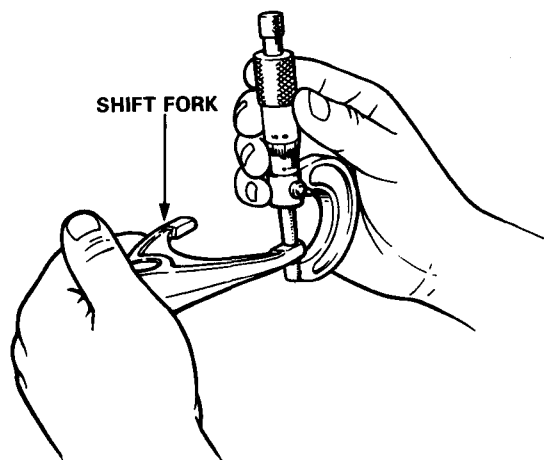
**Service Limit:** 1.0 mm (0.039 in)



**REVERSE SYNCHRO SLEEVE      REVERSE SHIFT FORK**

6. If the clearance exceeds the service limit, measure the thickness of the shift fork fingers.

**Standard:** 6.4 – 6.5 mm (0.252 – 0.256 in)



If the thickness is less than the standard, replace the reverse shift fork with a new one.

If the thickness is within the standard, replace the reverse synchro sleeve with a new one.

The synchro sleeve and synchro hub should be replaced as a set.