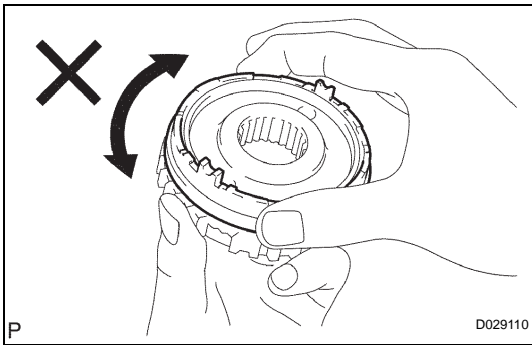


INSPECTION

1. INSPECT NO. 3 SYNCHRONIZER RING OUTER

- (a) Apply gear oil to the cone part of gear spline piece No. 5, and check that it does not turn in both directions while pushing the synchronizer ring outer No. 3 to the gear spline piece No. 5. If it turns, replace the synchronizer ring.

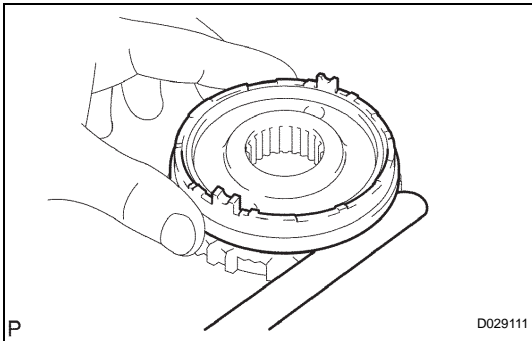


- (b) Measure the clearance between the synchronizer ring outer No. 3 and gear spline piece No. 5 while pushing the synchronizer ring outer No. 3 to the cone part of the gear spline piece No. 5.

Standard clearance:

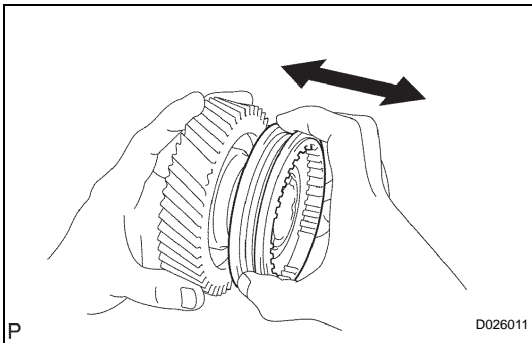
0.68 to 1.32 mm (0.0267 to 0.0610 in.)

If the clearance is not within the specified values, replace synchronizer ring outer No. 3 with a new one.



2. INSPECT NO. 3 TRANSMISSION HUB SLEEVE

- (a) Check that the counter shaft 5th gear and transmission hub sleeve No. 3 slide smoothly each other.
- (b) Check the tip of the spline gear of the transmission hub sleeve No. 3 for wear. If there are any detects, replace the transmission hub sleeve No. 3.

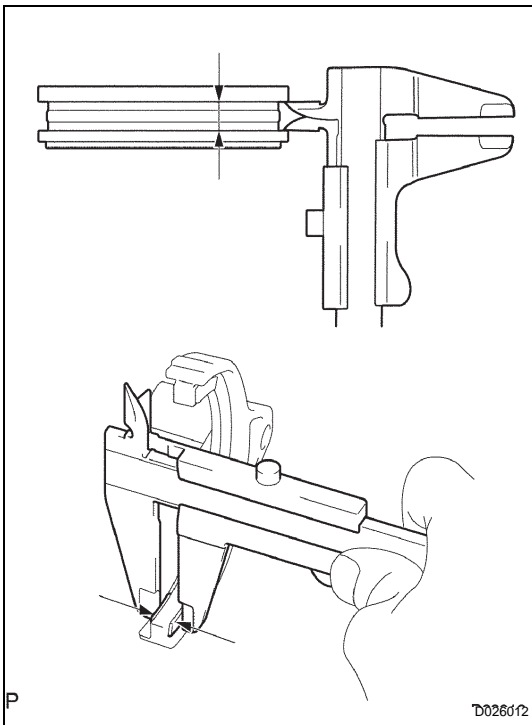


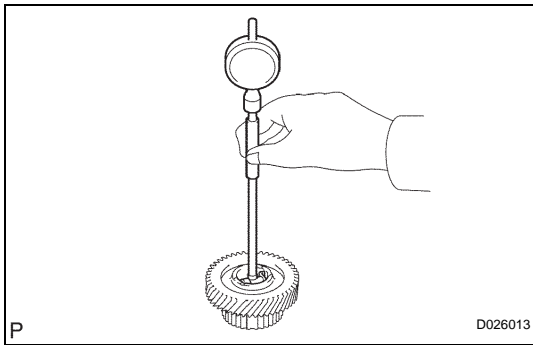
- (c) Using vernier calipers, measure the transmission hub sleeve No. 3 groove and the thickness of the claw part of the shift fork No. 3 to calculate the clearance.

Standard clearance:

0.26 to 0.84 mm (0.0102 to 0.0331 in.)

If the clearance is not within the specified values, replace the transmission hub sleeve No. 3 and shift fork No. 3 with new ones.





3. INSPECT COUNTERSHAFT 5TH GEAR

- (a) Using a cylinder gauge, measure the inner diameter of the counter 5th gear.

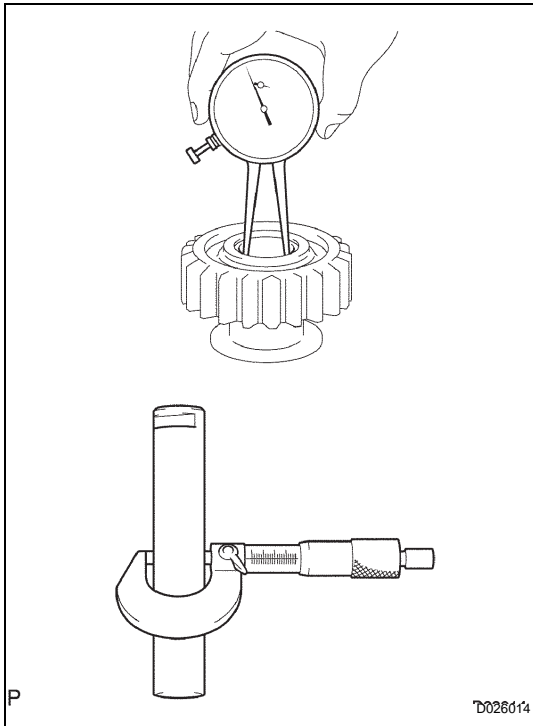
Standard diameter:

38.015 to 38.040 mm (1.4967 to 1.4976 in.)

Maximum diameter:

38.040 mm (1.4976 in.)

If the diameter greater than the maximum, replace the counter shaft 5th gear with a new one.



4. INSPECT REVERSE IDLER GEAR SUB-ASSY

- (a) Using a caliper gauge, measure the inner diameter of the reverse idler gear.

Standard diameter:

24.040 to 24.061 mm (0.9465 to 0.9473 in.)

Maximum diameter:

24.061 mm (0.9473 in.)

If the clearance is greater than the maximum, replace the reverse idler gear with a new one.

- (b) Using a micrometer, measure the outer diameter of the sliding part of the reverse idler gear on the reverse idler gear shaft.

Standard diameter:

23.979 to 24.000 mm (0.9441 to 0.9449 in.)

Minimum diameter:

23.979 mm (0.9441 in.)

If the diameter is outside the specification, replace the reverse idler gear shaft with a new one.

- (c) Subtract the reverse idler gear shaft inside diameter measurement from the reverse idler gear diameter clearance.

Standard clearance:

0.040 to 0.082 mm (0.0016 to 0.0032 in.)

If the clearance is not as specified, replace the reverse idler gear or reverse idler gear shaft.

- (d) Using a feeler gauge, measure the thrust clearance of the shoe part between the reverse idler gear and the reverse shift arm.

Standard clearance:

0.05 to 0.35 mm (0.0020 to 0.0138 in.)

If the clearance is outside the specification, replace the idler gear and reverse shift arm with new ones.

