

5TH/REVERSE GEAR AND HOUSING PARTS INSPECTION

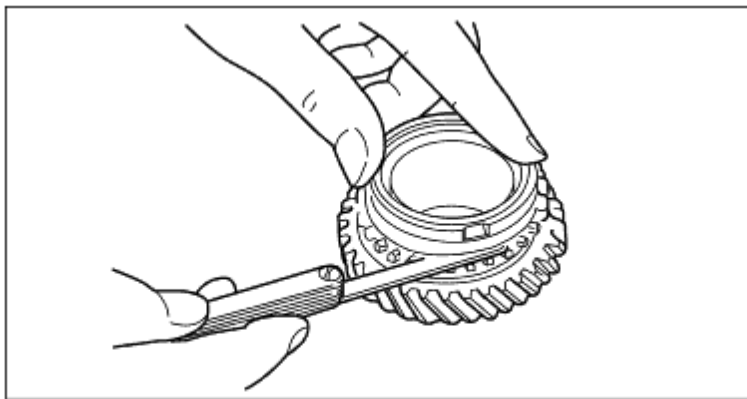
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5th and Reverse Gear Inspection

1. Inspect the synchronizer cones for wear.
 - If there is malfunction, replace parts as necessary.
2. Inspect the gear teeth for damage, wear, and cracks.
 - If there is malfunction, replace parts as necessary.
3. Inspect the synchronizer ring matching teeth for damage and wear.
 - If there is malfunction, replace the synchronizer ring.

Synchronizer Ring Inspection

1. Inspect the synchronizer ring teeth for damage, wear, and cracks.
 - If there is malfunction, replace parts as necessary.
2. Inspect the tapered surface for wear and cracks.
 - If there is malfunction, replace parts as necessary.
3. Measure the clearance between the synchronizer ring and the flank surface of the gear.



- If not as specified, replace the synchronizer ring.

Note

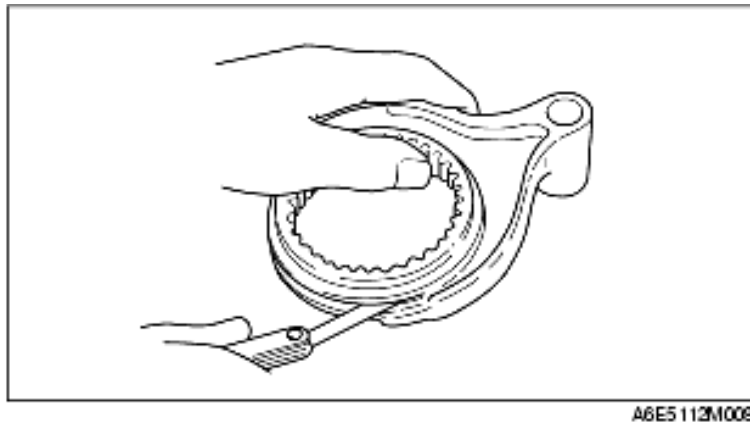
- Set the synchronizer ring squarely in the gear; then measure around the circumference.

Standard clearance
1.50 mm {0.059 in}
Minimum

0.80 mm {0.031 in}

Clutch Hub Component Inspection

1. Inspect the clutch hub sleeve and hub operation.
 - If there is malfunction, replace parts as necessary.
2. Inspect the gear teeth for damage, wear, and cracks.
 - If there is malfunction, replace parts as necessary.
3. Inspect the synchronizer keys for damage, wear, and cracks.
 - If there is malfunction, replace parts as necessary.
4. Measure the clearance between the hub sleeve and shift fork.



- If the clearance exceeds the maximum, replace the hub sleeve and shift fork as a set.

Standard clearance
0.10-0.36 mm {0.004-0.014 in}
Maximum clearance
0.86 mm {0.034 in}

Reverse Idle Gear and Reverse Lever Inspection

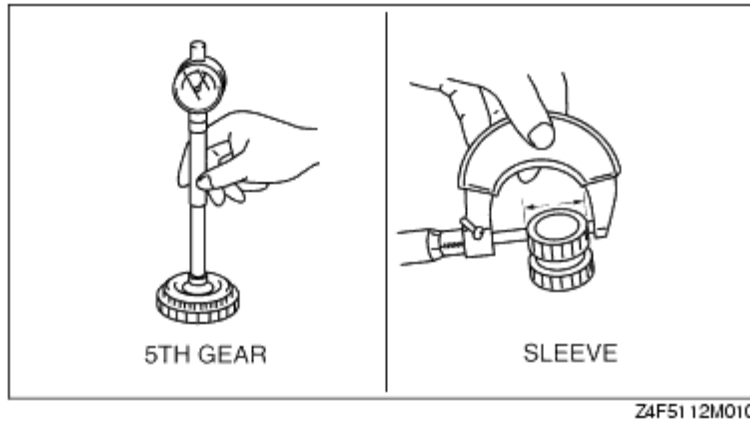
1. Inspect the gear teeth for damage, wear, and cracks.
 - If there is malfunction, replace the reverse idle gear.
2. Measure the clearance between the reverse idle gear bushing and the reverse lever.

- If not as specified, replace as necessary.

Standard clearance
0.10-0.35 mm {0.004-0.013 in}
Maximum Clearance
0.85 mm {0.033 in}

5th Gear and Sleeve Inspection

1. Measure the clearance between the 5th gear and the Sleeve.



- If not as specified, replace parts as necessary.

5th gear inner diameter
34.000-34.025 mm {1.3386-1.3395 in}
Sleeve outer diameter
33.945-33.970 mm {1.3365-1.3373 in}
Clearance
0.030-0.080 mm {0.0012-0.0031 in}