

5TH/REVERSE GEAR AND HOUSING PARTS INSPECTION

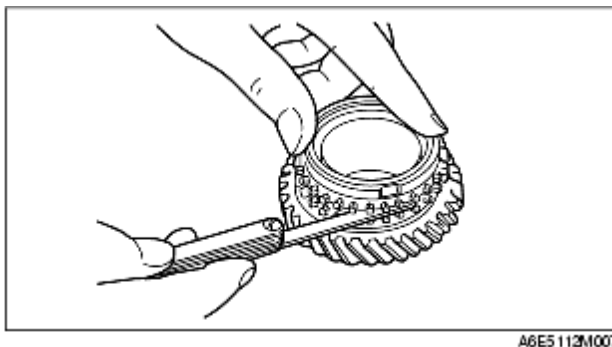
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5th and Reverse Gear Inspection

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

Synchronizer Ring Inspection

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



- If it is less than the minimum specification, replace the synchronizer ring.

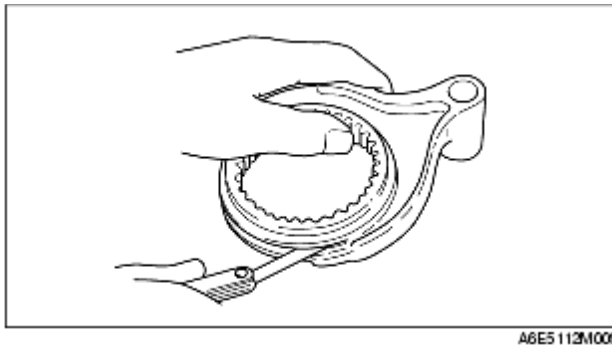
Note

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

Standard clearance
1.12-1.88 mm {0.044-0.074 in}
Minimum clearance
0.80 mm {0.031 in}

Clutch Hub Component Inspection

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

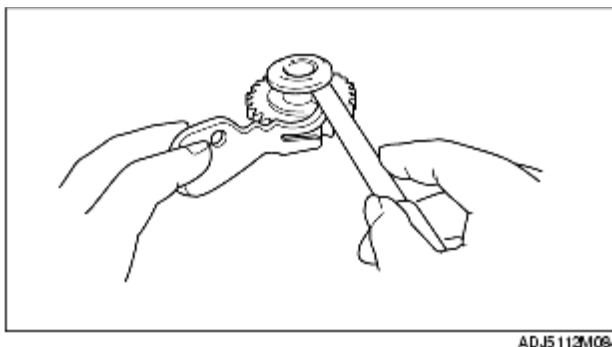


- If it exceeds the maximum specification, replace the hub sleeve and shift fork as a set.

Standard clearance
0.40-0.75 mm {0.016-0.029 in}
Maximum clearance
1.25 mm {0.049 in}

Reverse Idle Gear and Reverse Lever Inspection

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



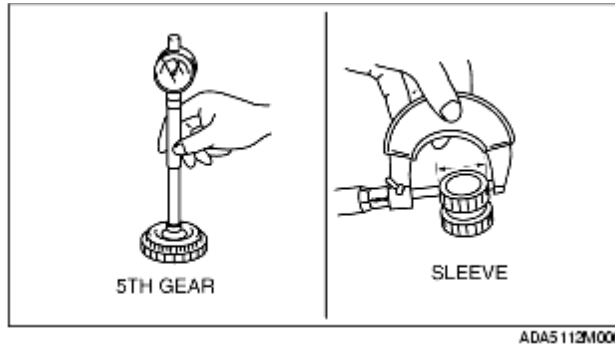
- If it exceeds the maximum specification, replace as necessary.

Standard clearance

0.10-0.32 mm {0.004-0.013 in}
Maximum clearance
0.37 mm {0.015 in}

5th Gear and Sleeve Inspection

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



- If not within the specification, replace parts as necessary.

5th gear inner diameter
34.01-34.03 mm {1.3390-1.3397 in}
Sleeve outer diameter
33.94-33.97 mm {1.3363-1.3374 in}
Standard clearance
0.04-0.09 mm {0.0016-0.0035 in}