SECONDARY SHAFT NO.2 COMPONENT PREINSPECTION

id051500176400

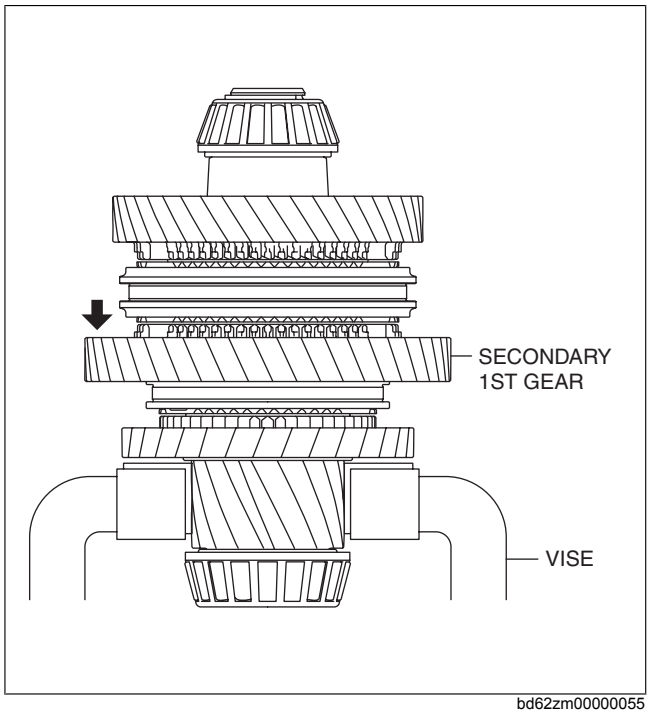
Secondary 1st Gear Thrust Clearance Inspection

1. Measure the secondary 1st gear thrust clearance using the following procedure:
   (1) Secure the secondary shaft No.2 component using a vice.

   Caution
   - **Insert a protective plate between the vise and the part so as not to damage the part.**
   - **Do not pinch the tapered roller bearing using a vice.**

   (2) Set the dial gauge to the position of the arrow shown in the figure.
   (3) Move the secondary 1st gear in the axial direction and measure the secondary 1st gear thrust clearance.
      - If it exceeds the maximum specification, inspect the secondary 1st gear and surrounding parts for damage and wear and replace the malfunctioning part.

   Secondary 1st gear thrust clearance
   Specification: 0.168 mm {0.00661 in}
   Maximum: 0.250 mm {0.00984 in}



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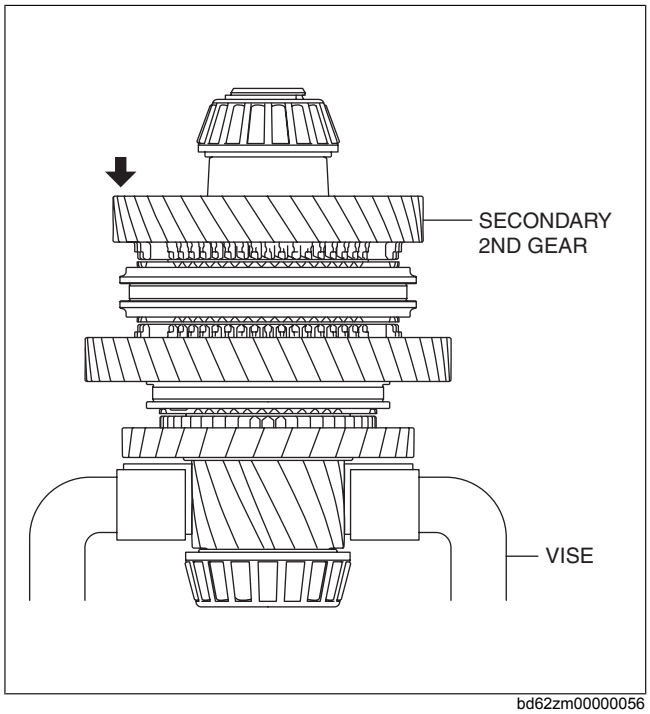
Secondary 2nd Gear Thrust Clearance Inspection

1. Measure the secondary 2nd gear thrust clearance using the following procedure:
   (1) Secure the secondary shaft No.2 component using a vice.

   Caution
   - **Insert a protective plate between the vise and the part so as not to damage the part.**
   - **Do not pinch the tapered roller bearing using a vice.**

   (2) Set the dial gauge to the position of the arrow shown in the figure.
   (3) Move the secondary 2nd gear in the axial direction and measure the secondary 2nd gear thrust clearance.
      - If it exceeds the maximum specification, inspect the secondary 2nd gear and surrounding parts for damage and wear and replace the malfunctioning part.

   Secondary 2nd gear thrust clearance
   Specification: 0.240 mm {0.00945 in}
   Maximum: 0.312 mm {0.0123 in}



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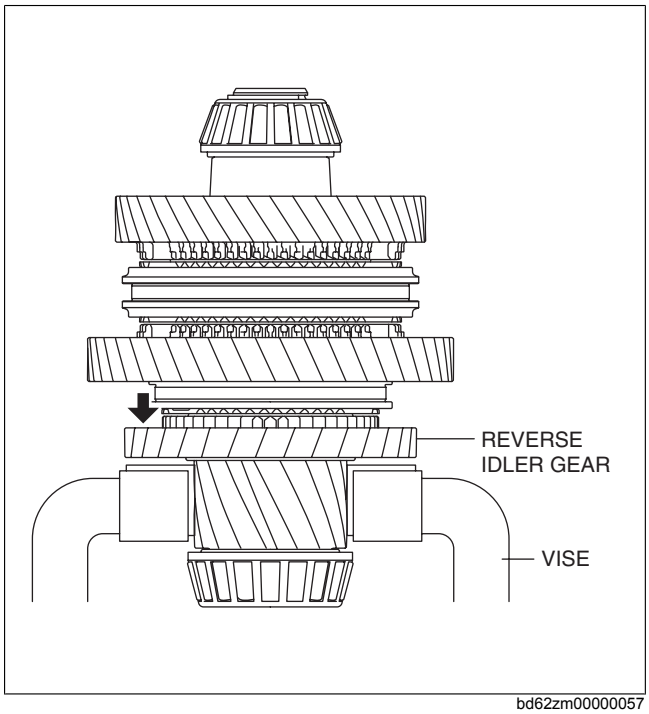
Reverse Idler Gear Thrust Clearance Inspection

1. Measure the reverse idler gear thrust clearance using the following procedure:
   (1) Secure the secondary shaft No.2 component using a vice.

   Caution
   - **Insert a protective plate between the vise and the part so as not to damage the part.**
   - **Do not pinch the tapered roller bearing using a vice.**

   (2) Set the dial gauge to the position of the arrow shown in the figure.
   (3) Move the reverse idler gear in the axial direction and measure the reverse idler gear thrust clearance.
      - If it exceeds the maximum specification, inspect the reverse idler gear and surrounding parts for damage and wear and replace the malfunctioning part.

   Reverse idler gear thrust clearance
   Specification: 0.20 mm {0.00787 in}
   Maximum: 0.291 mm {0.0115 in}



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