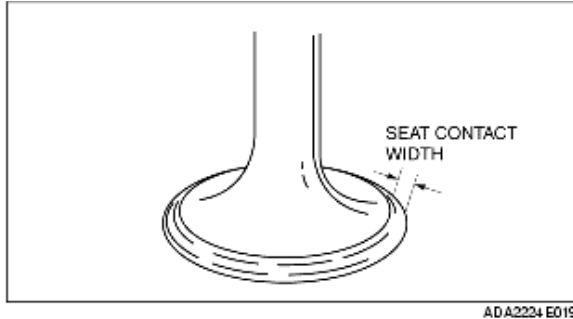


VALVE SEAT INSPECTION/REPAIR

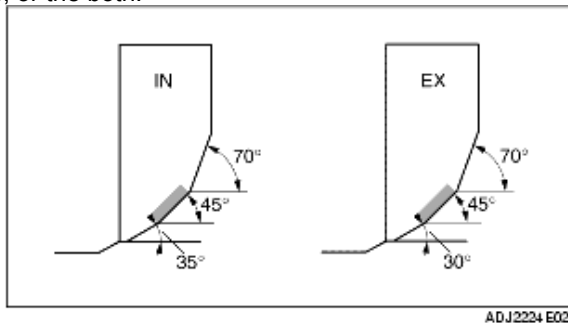
B3E011010280E01

1. Measure the contact width of the valve face and the valve seat using the valve lapping compound (red lead).



ADA2224 E019

- If not within the specification, resurface the valve seat using the **45°** valve seat cutter or resurface the valve face, or the both.



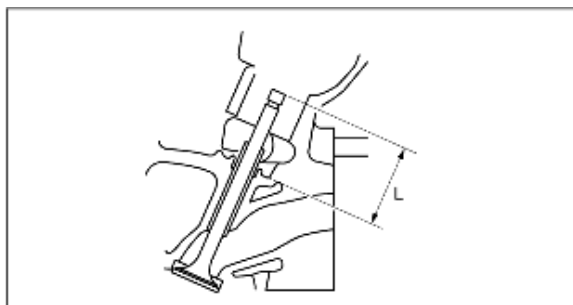
ADJ2224 E021

Standard valve seat contact width
0.8-1.4 mm {0.032-0.055 in}

2. Verify that the valve seating position is at the center of the valve face.

- If the seating position is too high, correct the valve seat using a **70°** (IN) **70°** (EX) valve seat cutter, and a **45°** valve seat cutter.
- If the seating position is too low, correct the valve seat using a **35°** (IN) **30°** (EX) valve seat cutter, and a **45°** valve seat cutter.

3. Check the valve seat for sinking. Measure the protruding length (dimension L) of the valve stem using a valve of standard length.



ADJ2224 E079

- If it exceeds the specification, replace the cylinder head.

Standard valve seat sinking
39.29 mm {1.5468 in}