Form RB-1
2026

FITTING YOUR CLUTCH WITH A RAM HYDRAULIC BEARING

SETTING UP YOUR RAM HYDRAULIC BEARING - take your time with these measurements and ensure success the FIRST time!

1. Measure the crank flange protrusion from the back of the engine block. Be sure to include the block plate if you are using one. Record this is dimension ‘A’.

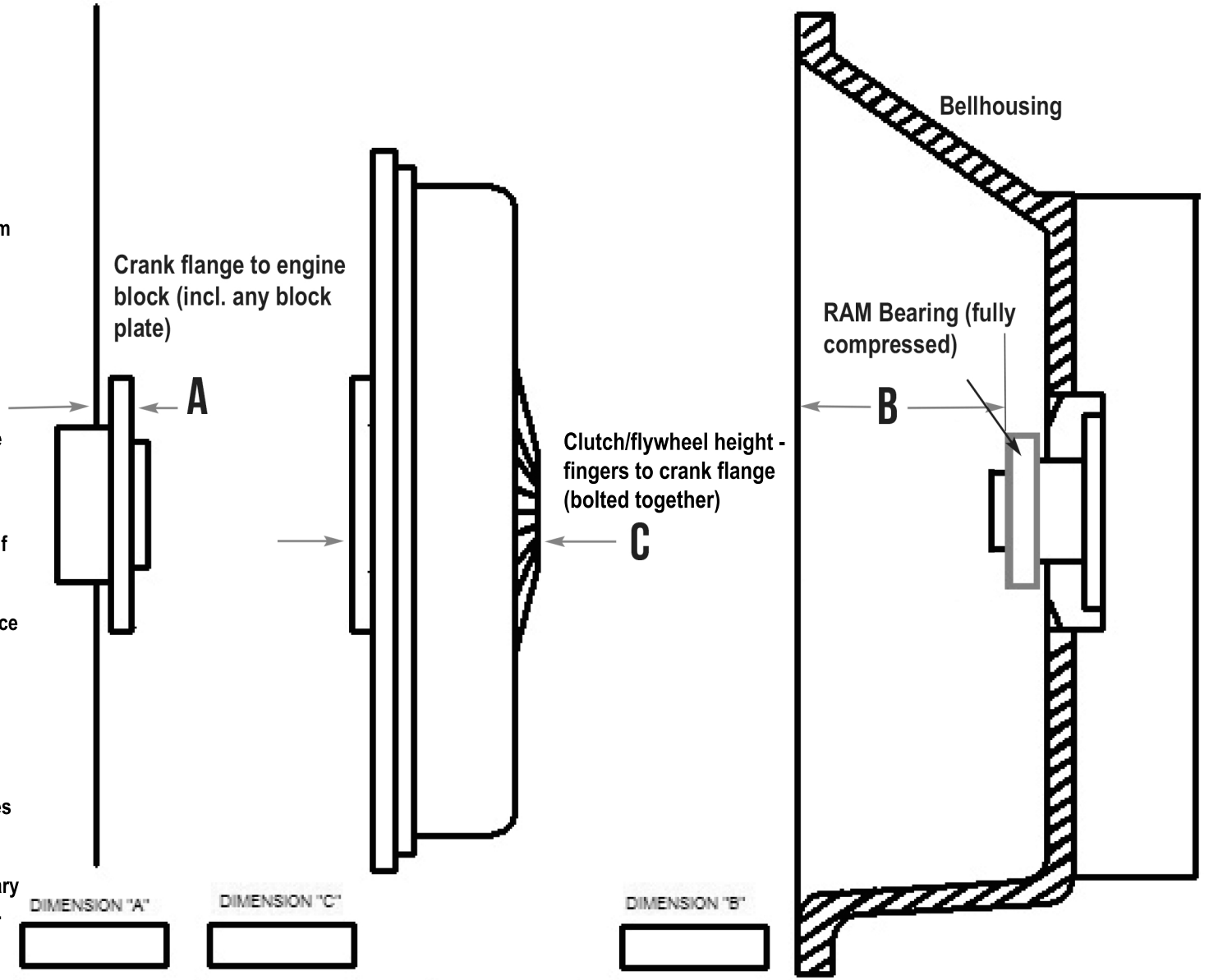
2. Bolt the clutch assembly together on the flywheel, just as it would be installed in the car. Measure from the fingers of the clutch to the backside of the flywheel flange where it mounts to the engine. Record this number as dimension ‘C’.

3. Install the included bearing input collar (if applicable) and install the RAM bearing on the collar, making sure it is fully retracted to its minimum height. Measure from the face of the bellhousing (where it mounts to the engine block) to the face of the bearing. Record this as dimension ‘B’.

4. Add the ‘A’ and ‘C’ dimensions together and record in the ‘A + C’ block. Subtracting the ‘A + C’ number from the ‘B’ number gives you the available bearing clearance.

5. From here, you can add shims if necessary to achive the target .200” bearing clearance.

A VIDEO GUIDE TO COMPLETING THIS PROCESS IS AVAILABLE ON OUR YOUTUBE PAGE @RAMCLUTCHES



B [ ] - A + C [ ] = [ ] CLEARANCE/ SETUP GAP

Bearing compressed

Total clutch inst. height

The recommended clearance for RAM hydraulic bearings is .200”. If the minimum clearance cannot be obtained, other modifications will be needed to increase space. This could include using a shorter flywheel or a spacer between the engine and transmission.