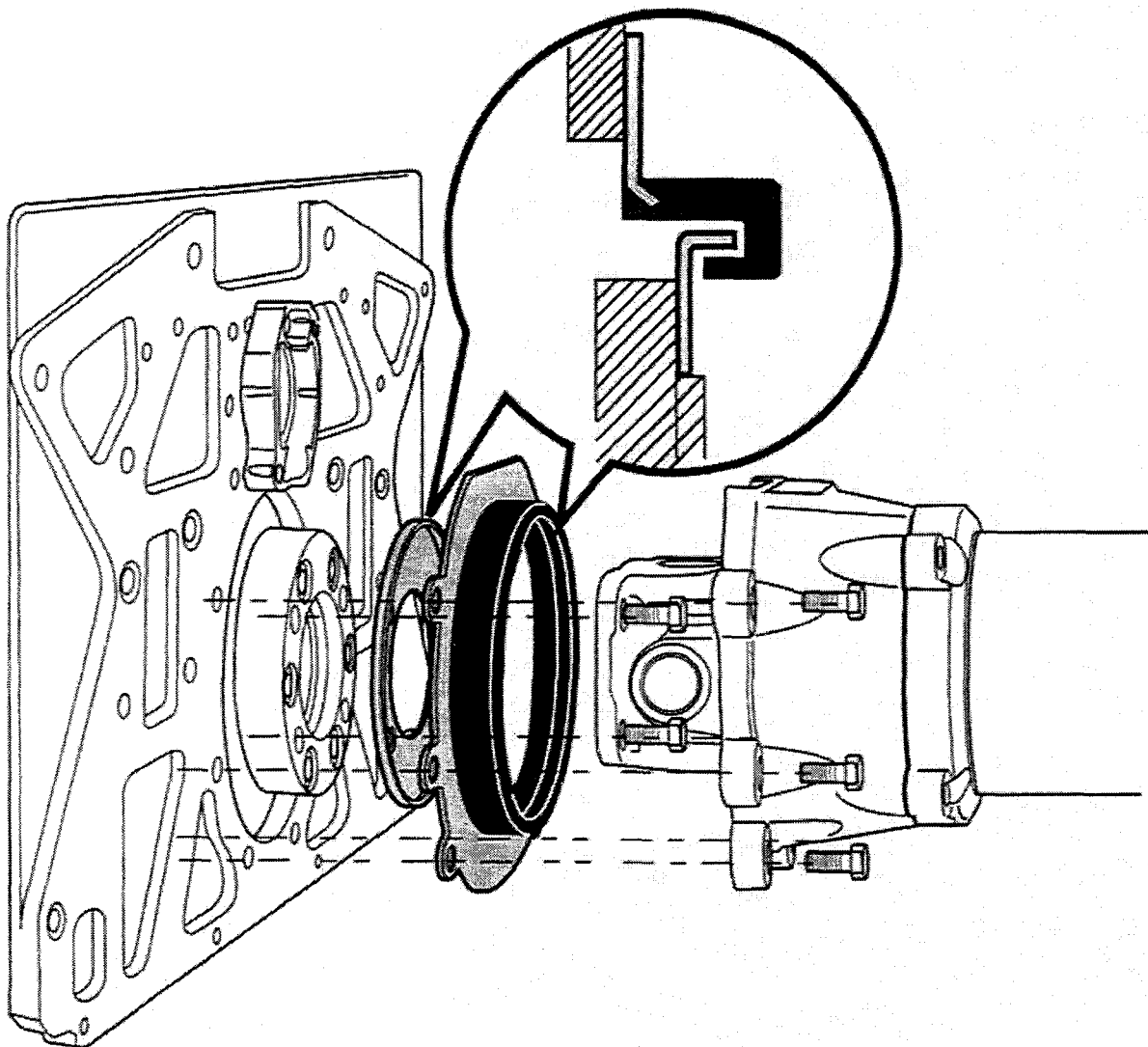




SEALS-IT TORQUE BALL SEAL INSTALLATION GUIDELINES

Part number; TBS1A-07 is designed for a Chevrolet crankshaft with 3.580" bolt pattern (2 piece rear main seal style). The bellhousing casting should be a "MPD" or similar. ("DMI "type steel housing- use P/N TBS2A-07) The engine plate should be a 3/8" nominal thickness (+/- 1/64") and should have a 6.0" (+/-1/64") thru hole.



INSTALL HARDCOATED "CUP" BETWEEN CRANK FLANGE AND U JOINT ADAPTER (Face of cup contacts crank flange!). LIP OF CUP SHOULD POINT TOWARDS BACK OF CAR! RUBBER ON SEAL GOES TO THE INSIDE OF THE BELLHOUSING CASTING .CHECK FOR INTERFERENCE – YOU MAY HAVE REMOVE SMALL AMOUNTS OF MATERIAL NEAR BOLT CLEARANCE AREAS ON INSIDE OF CASTING TO ENSURE CUP AND SEAL DO NOT TOUCH. THESE GUIDELINES REFER TO THESE PART NUMBERS;
TBS1A-07; TORQUE BALL SEAL ASSEMBLY, MPD STYLE HOUSING
TBS1S-07; TORQUE BALL SEAL, LESS CUP, MPD STYLE
TBS1C-07; HARD COATED CUP, MPD STYLE

TBS2A-07

SEALS-IT TORQUE BALL SEAL INSTALLATION GUIDELINES

Part number; TBS2A-07 (Clear anodized ring around seal) is designed for a Chevrolet crankshaft with 3.580" bolt pattern (2 piece rear main seal style). The housing should be a "DMI" steel type or similar. ("MPD" type cast housing- use P/N TBS1A-07)

The TBS2A-07 is designed to fit racing crankshafts with a circular or "star" pattern flange. "Stock" type crankshafts with counterweight design may have interference problems.

Check for fit prior to installation. (In most cases, stock type cranks should use "MPD" style housing and TBS1A-07 seal)

The engine plate should be a 3/8" nominal thickness (+/- 1/64") and should have a 6.0" (+/- 1/64") thru hole.

1.) INSTALL HARDCOATED "CUP" BETWEEN CRANK FLANGE AND U JOINT ADAPTER (Inside face of cup contacts crank flange!). INSIDE OF CUP SHOULD POINT TOWARDS THE ENGINE!

2.) RUBBER ON SEAL GOES TO THE INSIDE OF THE MOTOR PLATE- POINT RUBBER TOWARDS THE ENGINE

3.) CHECK FOR INTERFERENCE – THIS IS A "NON CONTACT" SEAL- RUBBER OF SEALS AND CUP SHOULD NOT BE IN CONTACT. SEAL FAILURE WILL RESULT IF THIS IS NOT CHECKED. CLEARANCE BETWEEN RUBBER AND CUP SHOULD BE NO LESS THAN 1/64" (.019") FOR MOST APPLICATIONS

THESE GUIDELINES REFER TO THESE PART NUMBERS;

TBS2A-07; TORQUE BALL SEAL ASSEMBLY, "DMI" STYLE STEEL HOUSING
TBS1S-07; TORQUE BALL SEAL, LESS CUP, "DMI" STYLE STEEL HOUSING
TBS2C-07; HARD COATED CUP, "DMI" STYLE STEEL HOUSING