service bulletin

TO: SERVICE MANAGER ☐ MECHANICS ☐
PARTS MANAGER ☐

No. 93-10

A. BRAVO SHIMMING PROCEDURE CHANGE FOR THE GEAR CASE BEARING CARRIER

Models Affected

All Bravo One Drive Units

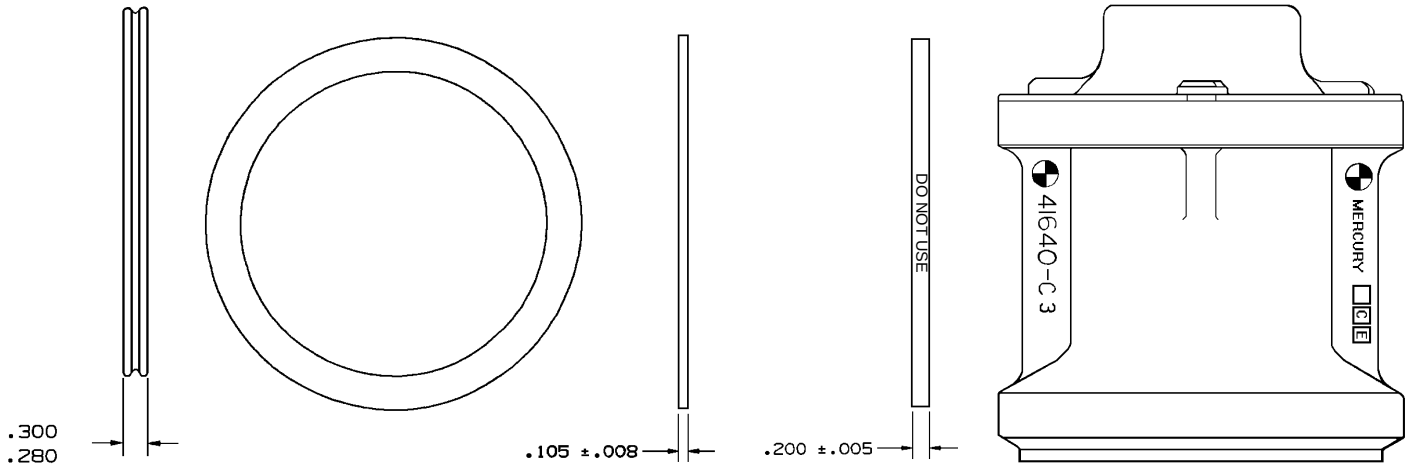
Changes

The bearing carrier has been changed in length to allow for the use of a load ring in place of the shims that are used in the older bravo units to set the bearing carrier preload in the lower gear housing.

This carrier is identified with a C-3 that is cast into the carrier assembly directly behind the part number, Where as the old carrier was identified with a C-2 that was cast into the carrier in the same area.

This carrier will back fit in the earlier Bravo One assemblies with the following parts:

Parts Required



71941 71942 71943 71944

a. (1) 67740 Load Ring

b. (1) 12-42256 Thrust Ring (.105) thick

c. (DO NOT USE) 12-812700 Thrust Ring (.200) thick

d. (1) 41641A6 Bearing Carrier Assy.

Procedure

When installing the 41641A6 bearing carrier with the load ring the .105 thick thrust ring must be used. Shims are not required when using the load ring and the new carrier.

First install the load ring into the gear case then install the carrier along with the tab washer and the retainer nut then tighten the retainer nut against the carrier then proceed to tighten the retainer nut until the rolling preload is attained at the prop shaft.

Do not use the .200 thousands thrust ring when using the load ring or you will have end play on the prop shaft, also you will have poor thread engagement on the retainer nut to the gear housing.

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