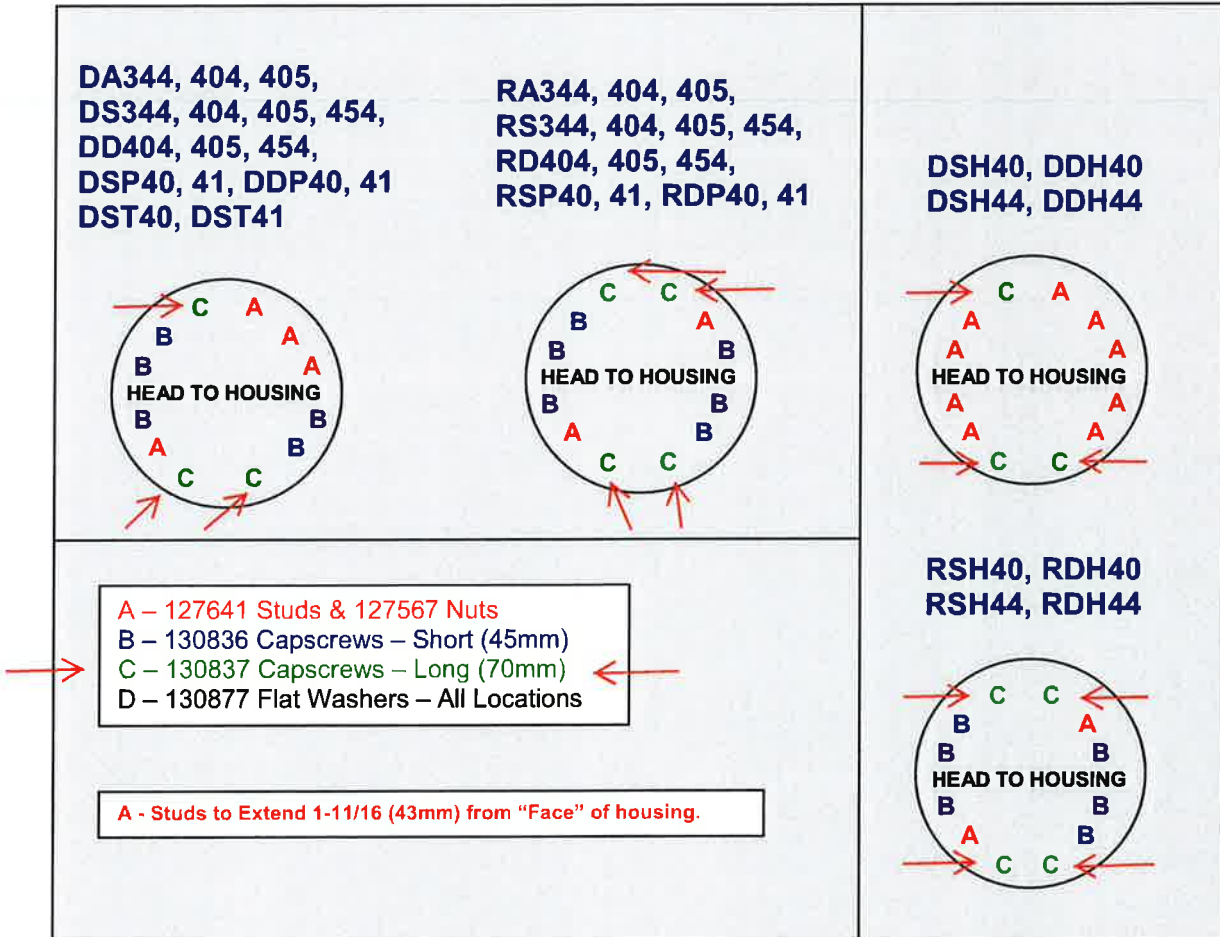


Capscrew & Stud Fastener Locations for Dana 34-44,000 lbs Tandem Axle Models – After 6/3/02*

*These are the fastener configurations when all changes are completely implemented. Changes to the new design carriers are being done as a running change. GM models require special double-ended capscrews.



VIEW – LOCATION OF FASTENERS ARE VIEWED AS IF INSTALLING DIFFERENTIAL INTO THE AXLE HOUSING.

Carrier Mounting Flange Design Change

DESIGN CHANGE: The nominal thickness of the carrier to housing flange has been increased on both the forward and rear-rear axles. This change will require the use of new fastener parts. A new (45mm) capscrew (P/N 130836) has been released. Additionally, a much thicker boss has been added to the flange at the 12:00 & 6:00 o'clock positions. These new thicker flange bosses will require an even longer capscrew (P/N 130837). A thicker and larger diameter flat washer (P/N 130877) has also been released as part of this upgrade. The existing stud (P/N 127641) and nut (P/N 127567) will continue to be used. Refer to page 5 for specific washer, capscrew and stud details and locations.



New Dana "Thick Flange" Carriers Require New Longer Style Capscrews at the 12:00 & 6:00 o'clock Positions.

- ❑ **CARRIER EXCHANGE ASSEMBLIES** – Any new Carrier Exchange Assembly produced with the new thick flange carrier will include a carrier-to-housing fastener hardware kit (P/N 512087). The carrier exchange part numbers will not change, as the new design carriers will be implemented for service as they are released in production.

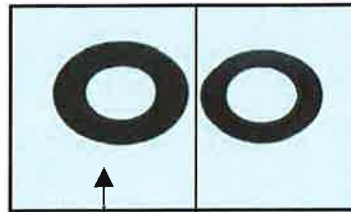
NOTE: Because of the popularity of the Dana Carrier Exchange program, stock levels of the older design carriers outlined in this bulletin at OEM PDC's and DEALERSHIP'S are numerous. If you have a vehicle that is originally built with a "new style" thick flange carrier, it can be serviced with an "older style" Carrier Exchange Assembly. The repairing dealer must simply make sure to use the correct axle housing hardware parts when installation is done. In this case it will be necessary to use an "Old Style" housing fastener hardware kit (P/N 511600).

Carrier Fastener Change

DESIGN CHANGE: New fasteners were released for the thick flange carriers as described above. Shown below are the new fastener parts along with a "fastener replacement" chart for reference. A new "Axle Housing Hardware" kit (P/N: 512087) has been released for use with all "thick flange" design carriers.



New Longer Capscrews –
DANA P/N's 130836-(70mm),
130837-(45mm)



New Wider & Thicker Flat
Washer – DANA P/N 130877

IMPORTANT! Dana does not recommend the mixing of various designs carrier-to-housing capscrews on the same assembly. Whether mixing or not, torques must be measured using a calibrated torque wrench. Failure to re-torque bolts and nuts to proper specifications may lead to carrier to housing leaks and possible component damage.

This bulletin contains product information.
Dana Corporation is not committed or liable for canvassing existing product.