



Tech Bulletin

Universal Joint Installation

BULLETIN #2010-005



P/N 9-82750

Marine Bearing
Grease



P/N 9-81001

Grease Gun

Mallory Marine offers a complete line of Oils and Lubricants engineered for the Marine Environment.

Dear Mallory Marine Customers,

We have occasional calls regarding instances of universal joints retainer clips being difficult to install. We have found that the universal joint **is not** at fault.

Universal joints equipped with grease fittings **should only be greased after they are pressed into position** with their retaining clips **fully installed**. Greasing universal joints prior to installation will make it difficult or impossible to install their retaining clips.

CAUTION: Grease universals only after they are fully installed.



When bearing cups are removed during installation make sure **all** needle bearings are in their correct position and accounted for. One misplaced needle **will cause** major installation problems. Also make sure there is not an excessive amount of grease at the bottom of the cup prior to installation. Too much grease in this location during installation will cause a **hydraulic lock** situation.

If, for any reason the retaining clips can not be installed when pressing cups into position **remove the grease fitting and allow the excess grease to bleed off**. This should allow the retaining clips to be installed. Reinstall the grease fitting and top off with grease **being careful not to blow out the cup seals**.

Always use a high quality marine grade bearing grease such as Mallory Marine part # 9-82750 to lubricate your u-joints, these specially formulated greases have corrosion inhibitors to provide maximum protection against water intrusion.

Visit our web site www.mallorymarine.com for additional assistance.