

10-589468

**Handling Instructions
for NZGA Backshells**

PROBLEM: Rear clamp nut hangs up or binds on the wedge when the nut is being completely removed. (Especially after several removals).

SOLUTION: To help prevent the wedge from binding and reduce the condition where the wedge is either dislocated or completely dislodged, it sometimes helps to thread the nut forward as soon as the wedge begins to bind up. The wedge can also sometimes be jarred or pushed back into place which will reduce the binding action. In these cases when the wedge is free, once again continue to uncouple the nut. It may require several forward coupling and uncoupling cycles to get the nut off freely.

When the binding does continue until the nut is removed and the wedge has become either dislocated (partially out of clamp nut), or dislodged completely from nut, the following installation is recommended:

DISLOCATED: Hold clamp nut and turn the wedge clockwise, using the wedge ears or tangs, back into the nut until the retention bosses are in the undercut of the nut.

DISLODGED: To reinstall the wedge, depress the two tangs inward while pushing wedge into the I.D. thread of the nut. Turn tangs clockwise back into the nut until the retention bosses are in the undercut of the nut.

PROBLEM: Difficult to start assembly of clamp nut (size 16, in particular) due to short tangs; when nut is completely removed from backshell, as it is during inspection.

SOLUTION: Before starting clamp nut on adapter body, check nut to be sure the wedge is in place and on center, with the retention bosses completely in the undercut. The wedge may need to be jarred or pulled forward into place. (Sometimes tapping the front edge of the nut down on a horizontal surface helps bring the short wedge forward). Line up tangs with the slots in the adapter body and thread on to adapter.

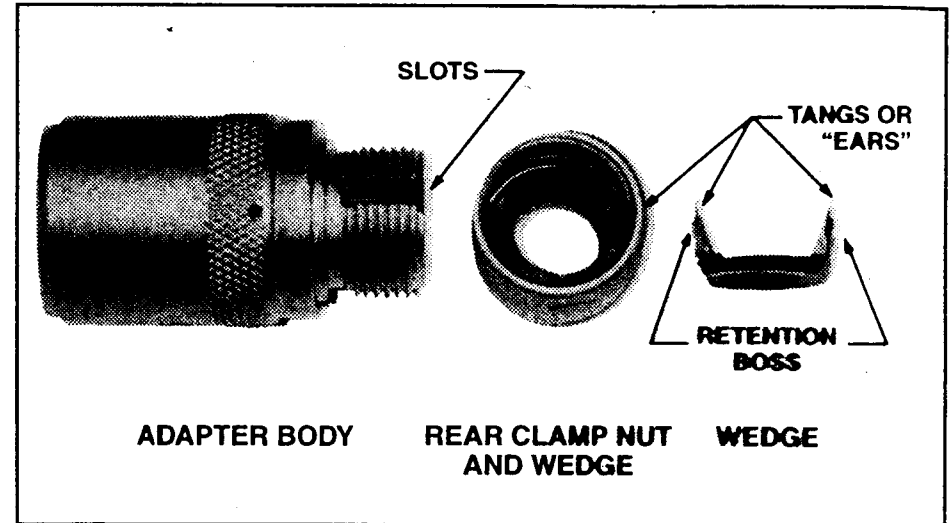
NOTE: The tang alignment to slots is especially critical to parts that are not on a cable, as there is nothing else to keep the wedge from freely rotating with the nut. Do not force the nut on.

To achieve proper alignment, it may be necessary to remove and/or wiggle the nut back and forth at the initial starting thread, while being sure the wedge tangs are in the adapter slots, before fully threading the nut completely on.

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ADAPTER AND CLAMP NUT ASSEMBLY

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ADAPTER BODY

**REAR CLAMP NUT
AND WEDGE**

**REAR CLAMP
NUT AND
WEDGE**

WEDGE

**RETENTION
BOSS**

**TANGS OR
"EARS"**

SLOTS