

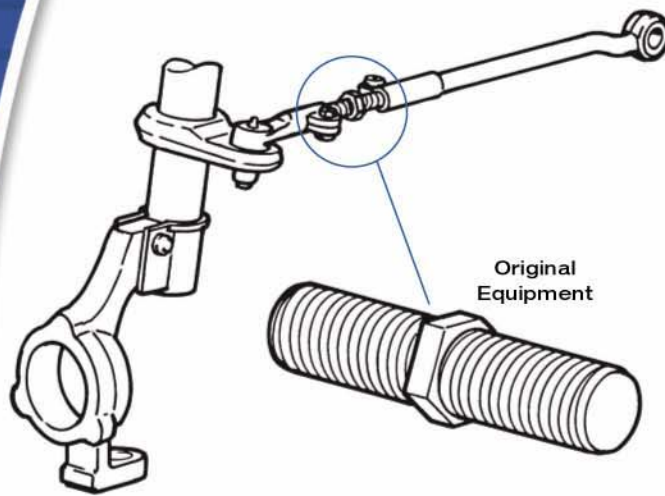


PROBLEM Solver™ BULLETIN



THE PROBLEM: CORRODED TIE ROD ADJUSTING STUDS

- The corroded tie rod adjusting studs may prevent proper toe setting and straight steering wheel during alignment.
- Excessive corrosion is common to 2-year and older vehicles.
- Corroded threads will make adjustments difficult or impossible.

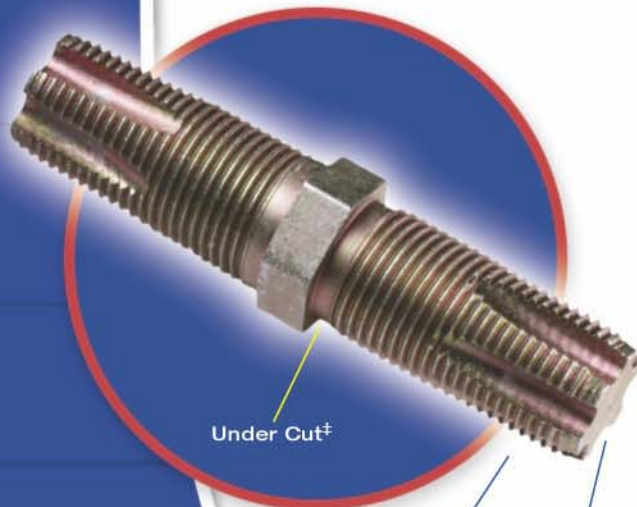


THE PROBLEM SOLVER: CARQUEST® ADJUSTING STUDS

- Yellow zinc dichromate coating to resist corrosion.
- Flutes at each end of the stud help channel out corrosive build-up, easing installation.
- End threads clean tie rod threads as stud is installed.

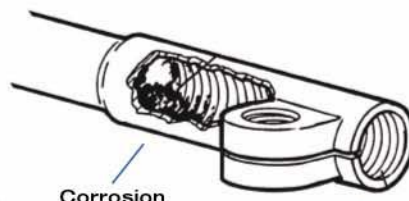
Installation Tips

- Under Cut[†] indicates that this end threads into inner tie rod (left hand threads).
- Complete cleaning of tie rod cavity may be required if corrosion build-up is severe. Use M18x1.5 tap to clean threads.
- Inspect tie rods thoroughly and replace, if necessary.
- Thread engagement of adjuster stud into inner and outer tie rod must be equal.
- Use thread lubricant to ease installation.



Cutting Threads

Flutes



Corrosion Build-Up

Inspect Threads

YEAR	MAKE/MODEL*	REPLACEMENT PART NO. ADJUSTING STUD
'82-'98	GM "J" Body	ES3088S
'82-'98	GM "N" Body	ES3088S

*Check catalog for specific application information.