

# BODY ARMOR

BY TOLAR MFG. CO., INC.

## TECH BULLETIN - TRIPLE HOOP FRONT BUMPER & QUAD HOOP FRONT BUMPER

2007 JEEP WRANGLER JK - all models including X, SE, SPORT, RUBICON, RUBICON UNLIMITED



It is very important that your JK be pulled into whatever space it will be worked on with the steering wheel completely straight. Variations in tire angle may cause slight frame twist which will not allow the Body Armor bumper mounting studs to slide into place. We built extremely tight tolerances into the mounting plates and studs for structural aesthetics and strength, making frame symmetry critical to the ease of installation.

Do not grind out holes in frame horn to ease sliding the bumper mounting studs through. If you are having difficulty installing your front bumper, try backing the vehicle up and pulling back into the work area with the wheels straight and/or jounce your suspension to settle any coil pre-load to one side. After numerous test fitting, we have had no issue mounting bumpers as long as the rails are straight. Straightening the steering wheel and jouncing the suspension are the best ways to eliminate the issue of studs not lining up with the holes. Slight angling of the bumper one side to the other helps at times while installing.

