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INSTALLATION –REAR TORSION ADJUSTER

STEP 1. Before doing anything else, check all the components of your rear suspension for correct fit. Set the Quick Adjuster on a flat surface and install torsion bars and spring plates. If everything goes together correctly proceed with the installation. Some early torsion bars may not fit the Quick Adjuster. If you find you have a set of these bars, either replace them with a new set or ship the old ones to factory to be reworked. There will be no coast to you other than shipping.

STEP 2. Carefully remove the transmission nose mount from the torsion tube. Cut along the attaching welds. This piece will have to be reattached to the chassis, or a new one can be ordered from your VW dealer.

STEP 3. Locate the exact center of the chassis by measuring from the end castings. Measure the width of the adjuster and mark the cutting lines on the tube.

STEP 4. Undercut the piece a small amount and use a disc sander to clean up and fit it.

STEP 5. Put the Quick Adjuster in place. Before doing any welding install torsion bars, grommets and spring plates in the Quick Adjuster and determine the placement and angle. Being sure to allow for shift linkage clearance, ascertain that the torsion bars are properly centered in the outside ends of the torsion tube. Tack weld.

STEP 6. Double check the centering of the adjuster, shift linkage clearance and straightness of bars. If it is all still correct, weld it in place. The welds around the torsion tubes are high stress joints and proper welding procedures are essential.

STEP 7. Add gussets where necessary. **NOTE: For racing, extra support should be added in front of the adjusting bolts at the end of the Quick Adjuster into the frame for best support.**

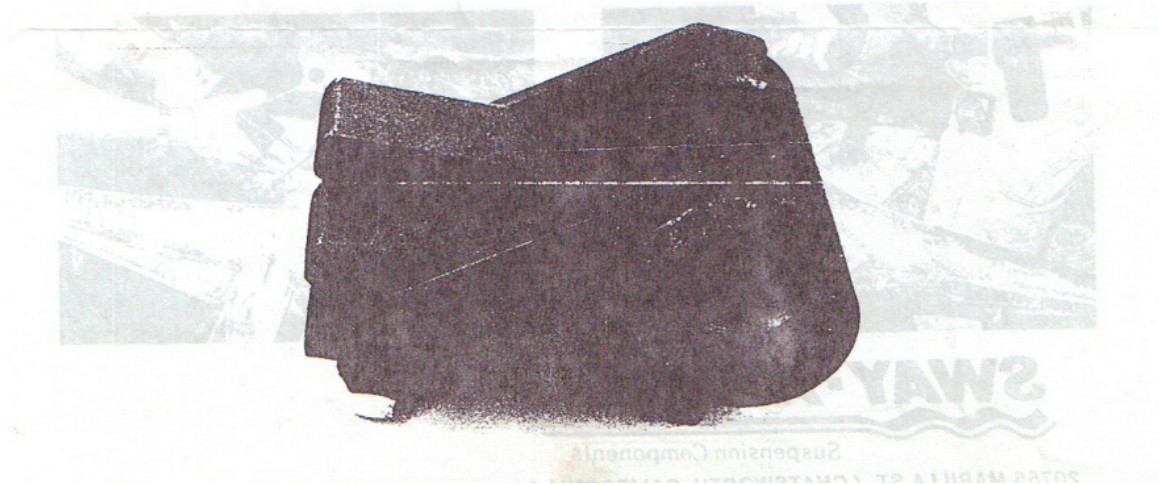
STEP 8. Reattach transmission nose mount and reinforced.

VW FLOOR PAN INSTALLATION: Proceed as with the instruction for a tube chassis, except that the bottom of the floor pan will have to be cut to provide welding and

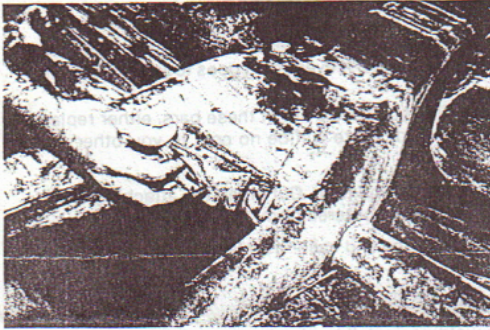
adjusting bolt access. A plate can be made to reclude this opening after welding. Holes will have to be made for the adjusting bolts. (See Step 1A and 2A)

ADJUSTMENT RANGE: The Quick Adjustment will allow you approximately 15 degrees of torsion bar adjustment. This far more than what should be normally required. The adjusting bolts may extend below the chassis on some installations. The bolt must be protected from rock damage. The bolts may be shortened to give extra clearance at some sacrifice in adjustment range.

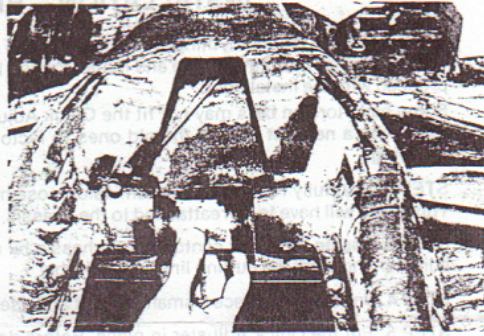
The Quick Adjuster* is designed for off road and track racing only.



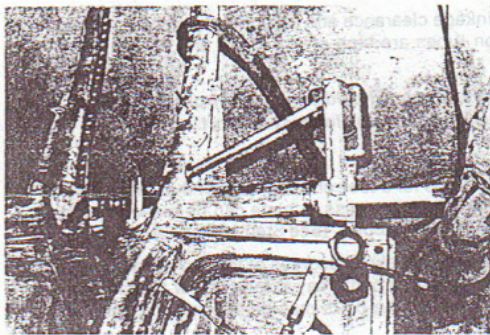
Step 2 & 3



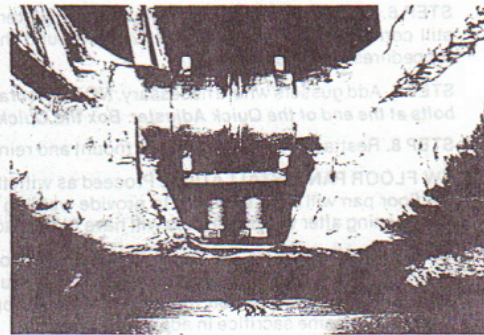
Step 4



Step 5



Step 6



Step 1A



Step 2A

