

6230

INSTRUCTIONS FOR WISHBONE LOCATER, 1/2 CLEVIS

| <u>ITEM</u> | <u>QTY</u> | <u>PART NO.</u> | <u>DESCRIPTION</u> |
|-------------|------------|-----------------|-----------------------------------|
| 1 | 2 | 3300 | Rod end 1/2 right (CM-8) |
| 2 | 1 | 3327 | Rod end 5/8 x 1/2 right (XM-8) |
| 3 | 2 | 2101 | Suspension tab 1/2 hole |
| 4 | 2 | 1100 | Tube adapter .75 x 1/2 - 20 right |
| 5 | 2 | 3206 | Jam nut 1/2 - 20 right |
| 6 | 3 | 3100 | Bolt 1/2 - 20 x 2 1/4 |
| 7 | 4 | 1000 | Misalignment bushing 1/2 x .250 |
| 8 | 2 | 4701 | Wishbone tube |
| 9 | 1 | 1007 | Sleeve 1 1/4 x .120 x 3" |
| 10 | 1 | 1201 | Wishbone slider |
| 11 | 1 | 3220 | Jam nut 5/8 - 18 |
| 12 | 2 | 2304 | Folded clevis 1/2 hole |
| 13 | 3 | 3200 | Locknut 1/2 - 20 |
| 14 | 1 | 2017 | Wishbone pivot gusset |
| 15 | 1 | 3534 | Grease zerk 1/4 - 28 |

This locator is designed to be used with ladder bar rear suspensions that use 1/2 bolts through the lower rear rod ends and Eliminator II or Avenger 4-links. The rear axle housing must be installed in the chassis at the correct location and ride height.

1. Bolt the folded clevis to the inside of the lower rear ladder bar or 4-link tube. Thread a jam nut onto the 1/2-rod end so there is 3/8 of an inch of thread left and then, screw on the tube adapter. Use a 1/2 bolt with misalignment bushings to install the rod end in the bracket.

2. Bolt the 5/8 shank, 1/2 bore rod end between the two 1/2-hole tabs. Weld the tabs to the main hoop crossmember centering them between the ladder bar or 4-link front brackets and pointing straight back toward the rear end. The bolt runs horizontal, parallel to the crossmember.

3. Screw the 5/8-jam nut on to the rod end leaving about 3/8 of an inch of thread. Then, screw the slider on to the rod end and tighten the jam nut. Slide the 1 1/4 sleeve over the slider and center it an equal distance from each end.

4. Install the wishbone tubes so the bent part is centered on the 1 1/4 sleeve and the other end attaches to a 1/2-tube adapter. The slider must be centered in the chassis and in plane with the rod end in the folded clevis. Install both wishbone tubes.

5. After the assembly is tacked together, move the suspension through its travel and make sure nothing binds. Also, check the third member for clearance. If everything fits properly, finish welding. Be careful not to overheat the slider sleeve or it will be distorted and will not slide properly.

6. Weld the wishbone pivot gusset on top of the wishbone slider to act as a gusset for the wishbone tubes.

7. Install the grease zerk into the wishbone slider. Make sure the unit is greased before use. Pump grease into the slider with the slider in its sleeve until grease comes out each end.

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