



PART NO. FLB

PARTS LIST:

Qty.	Description
2	LADDER BAR (# LD-01)
2	FRONT BRACKETS (# FD-01)
2	REAR BRACKETS (# FR-02)
4	1/2 X 1 1/2 BOLTS (# 12112B)
4	1/2 X 3 1/2 BOLTS (# 12312B)
8	1/2 LOCK NUTS (# 12LN)
16	1/2 WAHSERS (# 12WA)
8	POLY BUSHINGS (# MO2050)
4	CRUSH SLEEVES (# 916218SL)

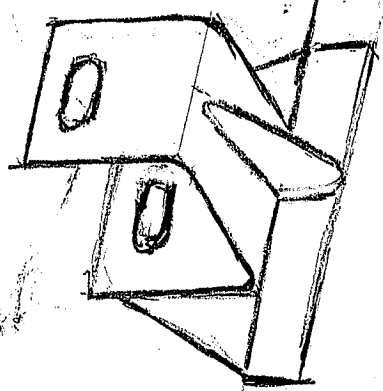
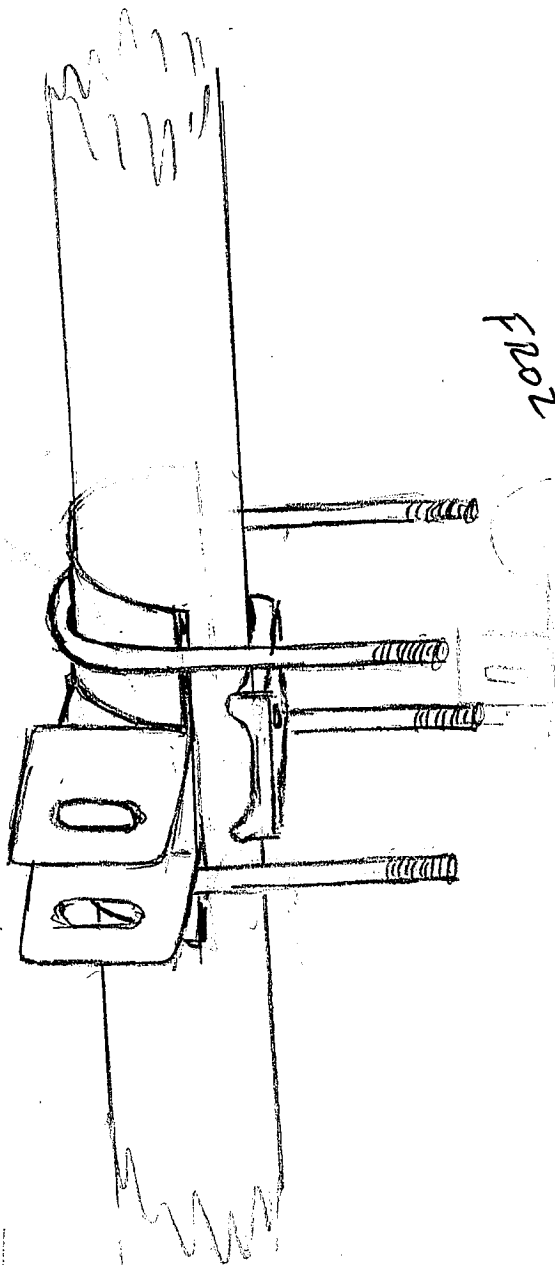
Ladder Bar Installation.

1. To begin installation, block the front tires and safely raise rear of vehicle with an air or hydraulic jack and place a pair of jack stands under frame just behind rear shackle of rear springs. Place one jack stand on each side of vehicle. Support rear axle using a hydraulic jack stand.
2. Remove rear U-bolts and save for rear installation. Place ladder bar rear bracket between U-bolts and rear axle and re-install rear U-bolts. (See Diagram #1)
3. Locate (2) MO2050 poly bushings from hardware bag and (1) 9/16 x 2 1/8 crush sleeve. Install new bushings (MO2050) into ladder bar and insert crush sleeve (9/16 x 2 1/8) into bushing. Note: Be sure to grease bushing and sleeve with a lithium base grease.
4. Install ladder bar into rear bracket and secure using 1/2 x 3 1/2 bolt, nut and washers. **Do not tighten at this point.**
5. Now install (2) MO2050 poly bushings into front end of ladder bar and insert crush sleeve (9/16 x 2 1/8) into bushings. Install front bracket to ladder securing with 1/2 x 3 1/2 bolt, nut and washers. **Do not tighten at this point. (See Diagram #2)**
6. Hold ladder bar and front bracket up to frame. With a marker or scribe, make a mark on frame where front bracket sits flush to frame. **Note: If front bracket makes contact with stock frame rivets, remove rivets so that bracket mounts flush.** Now, using a 1/2 drill bit, drill 1/2" holes where marks were made previously.
7. Separate front bracket from ladder bar and install front bracket to frame using (2) 1/2 x 1 1/2 bolts, nuts and washers. Now re-install ladder bar to front bracket using 1/2 x 3 1/2 bolt, nut and washers. Tighten front and rear bolts on the ladder bar.
8. Repeat procedure on opposite side.
9. Make sure to check and double check that all hardware is torqued to proper torque settings. Re-torque after 500 miles.

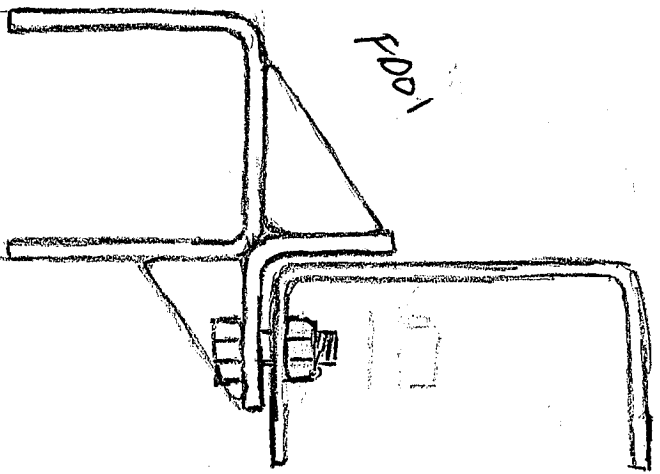
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FR02

Ford rear



FR01



Dodge-Ford front frame mount