

# TERAFLEX

## INSTALLATION GUIDE

### Installation Guide for the YJ Rear Shock Bar Kit Part #001234800 (SBR)



**Note: This is NOT an all-inclusive kit.** Prior to installation please have prepared solutions for modifications to the lower shock mounts. The lower shock mount will need to be modified to allow the shock to rotate in towards the center of the vehicle. TeraFlex offers two versions of a modified lower shock mount; Bolt-on, Part # LSM and Weld-on, Part # LSM-W. The bolt-on version is featured in this instruction sheet.

Take every precaution to make this installation a safe procedure. Make safety the number one priority. This kit was designed for the YJ Wrangler 1987-1995.

#### Component List

Please check the components in your kit prior to beginning installation. Each kit should include:

- 1- Shock Bar
- 8- 3/8" x 1 1/2" Bolts

1. Remove the rear shocks. You will re-use the bolts later.



2. Place the new rear shock bar onto the stock upper shock mounts.



3. Secure the 3/8" x 1 1/2" bolts in a cross pattern so that the bar is supported, but do not tighten. You will want to make adjustments later.

4. Use the stock bolts to install the lower shock mount bracket so the offset points towards the axle. Torque to 60-65 ft. lbs.



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- Attach the shock to the lower shock mount with a 1/2" x 2 1/2" bolt. Torque the bolt to 60-65 ft. lbs.
- Use Loctite or another thread locker on the bolt when bolting the upper end of your shock into the desired



mounting position. Make sure that you have the appropriate length shock for your specific application. The best way to do this is to ramp your jeep and then measure the extended and collapsed lengths.



- To tighten the four-bolt pattern of the shock bar ends (in the location of the stock upper mount), you will need to work in a criss-cross fashion, tightening the bolts evenly until you reach approximately 35 ft. lbs. of torque. **Be careful not to overtighten!**



### YJ Lower Shock Mounts

New lower shock mounts are required to properly locate the shocks with the rear YJ Shock Bar. Bolt on #LSM (far left) and weld on #LSM-W versions (left) are available from TeraFlex.

Kit includes:

- 4- 1/2" x 2 1/2" Bolts
- 4- 1/2" Flat Washers
- 2- 1/2" Lock Washers
- 4- 1/2" x 1 1/4" Plug
- 2- 1/2" Nut

### Other considerations:

Some additional considerations will maximize the performance of your vehicle.

#### Determine proper shock length

Make sure that you have the appropriate length shocks for your application by ramping your Jeep and measuring the extended and collapsed lengths. TeraFlex Part # 45YR.

#### Revolver Shackles

If using the Revolver Shackles, make sure that the brake lines are lengthened to allow for the additional axle droop.

#### Z-Box for YJs

The Z-Box is design to work in combination with the TeraFlex Revolver Shackles for YJs. They mount opposite of the Revolver Shackles in place of the factory spring mount. They help maintain driveline angles and improve articulation.

#### TeraFlex Front YJ Shock Hoops

The front shock hoops provide additional shock choice flexibility. The kit allows you to replace/modify your stock front shock tower to increase the number of shock options for your vehicle. It requires cutting of the factory shock towers.

