

**Level Ride Mfg. Co. Inc.**  
**Installation Instructions**  
**Most Under-Frame Stabilizer Kits**  
**Phone 1-800-658-1327 or 1-417-325-4148**

Pre-Installation Notes – Please read carefully & understand all information.

**ALL APPLICATIONS:**

Verify all kit components as listed on enclosed parts check sheet.

Check the center digit of the kit number (Aoo o?o ooo) to determine the correct mounting Position (Pos.) of the Stabilizer unit on the chassis.  
Number '1' = Pos.1 - Unit installs under the frame & behind the rear axle.  
Number '3' = Pos.3 - Unit installs under the frame & forward of rear axle.  
Number '4' = Pos.4 - Unit installs under the frame & behind the front axle.  
Number '5' = Pos.5 - Unit installs under the frame & forward of front axle.

Axle Brackets (A/B) will insert between axle & spring stack, and most applications will require new, longer suspension u-bolts. All axle spring perches, spacers, wedges, etc should remain on chassis as intended, unless determined otherwise.

Always torque & maintain suspension u-bolts to truck manufacturers' factory specifications.

If the truck is equipped with factory stabilizer(s), and has complications with the Level Ride (L/R) stabilizer, the factory stabilizer and mounts will need to be removed.

Some truck mounted components may need to be temporarily removed during the installation process.

Some applications require drilling 4 holes in each Frame Bracket (F/B) Once the hole pattern has been determined.

Verify excess shock length. On rare occasions, longer shocks may be necessary.

After installation, check all working clearances of the Stabilizer, with truck fully loaded, allowing for full suspension travel. While our units have a stabilizing effect on a vehicle while being driven, it is necessary for the vehicle load to be distributed as equally as possible from side to side, in order to keep frame twist to a minimum. Unequally loaded vehicles equipped with *any* brand of stabilizer bar can damage the vehicle frame and/or axle components. Beware: There is always a possibility that under certain or perhaps unknown conditions, rough terrain, or road conditions, damage may occur.

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**REAR AXLE APPLICATIONS:**

Tail pipes may need to be adjusted or altered on some truck models. Verify that exhaust will not exit onto, or damage the rubber bushings or truck components.

Some GM models equipped with a factory rear stabilizer may require a non-stabilizer spring perch as replacement, or alteration of existing spring perch to allow for proper installation of the L/R axle brackets.

Position ‘3’ Stabilizer units are not compatible with a Reyco, or track rod type suspension. Please contact us to determine available options.

Truck models with mechanical proportioning valve, may need adjustment.

Under-slung spare tire may need to be relocated on some chassis models.

**FRONT AXLE APPLICATIONS:**

Certain Pos. 5 Stabilizer Kits will require frame extensions.

Due to changes in multiple exhaust options or systems, please advise Level Ride of any interference prior to making any alterations.

Some units may not be compatible with factory installed Hybrid components.

If interference occurs between shock mount and the L/R axle bracket, place the axle bracket above the shock mount. Otherwise, place the axle bracket directly on top of the axle.

Steering geometry may be effected, and installer should verify any needed adjustments.

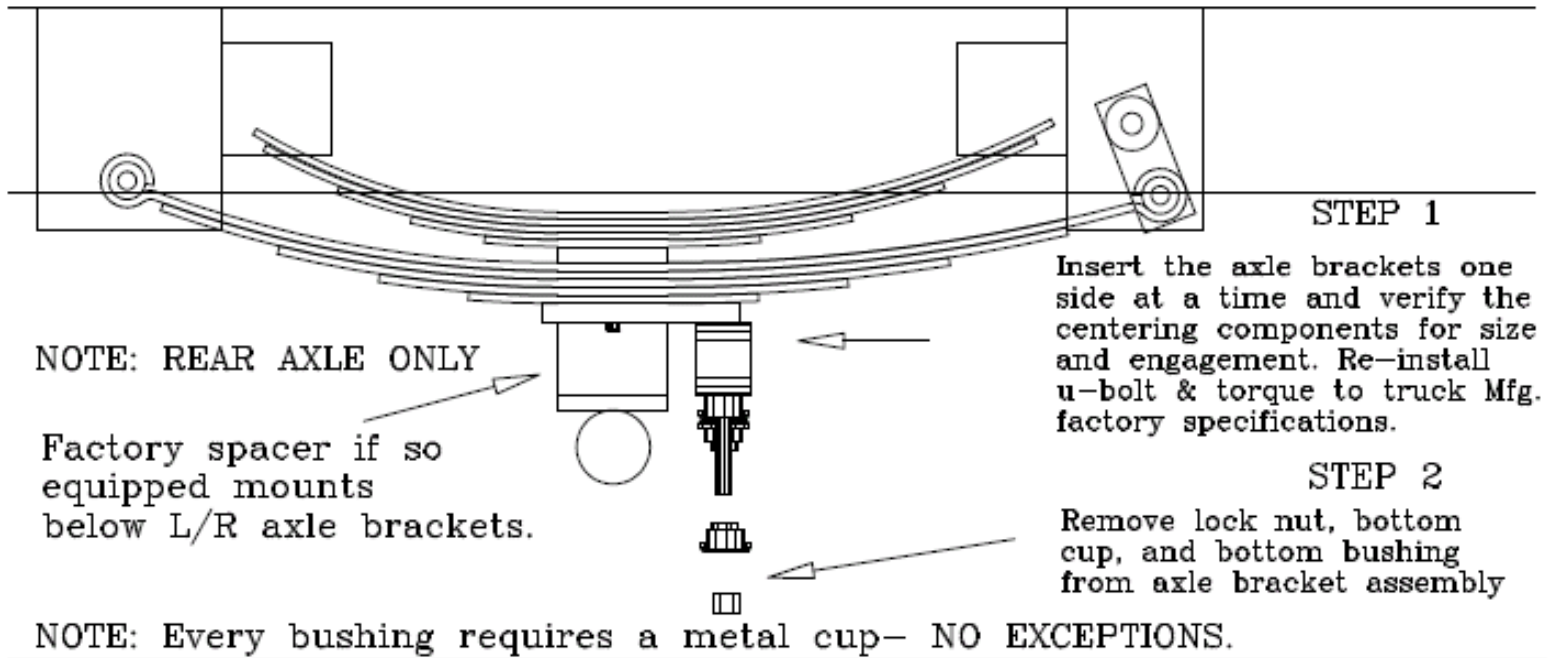
Some applications require permanent spacing of fuel tanks, air tanks and/or battery boxes to allow for L/R frame bracket installation. (spacers provided with kit)

Fuel tank fittings may need to be changed to allow proper installation of unit.

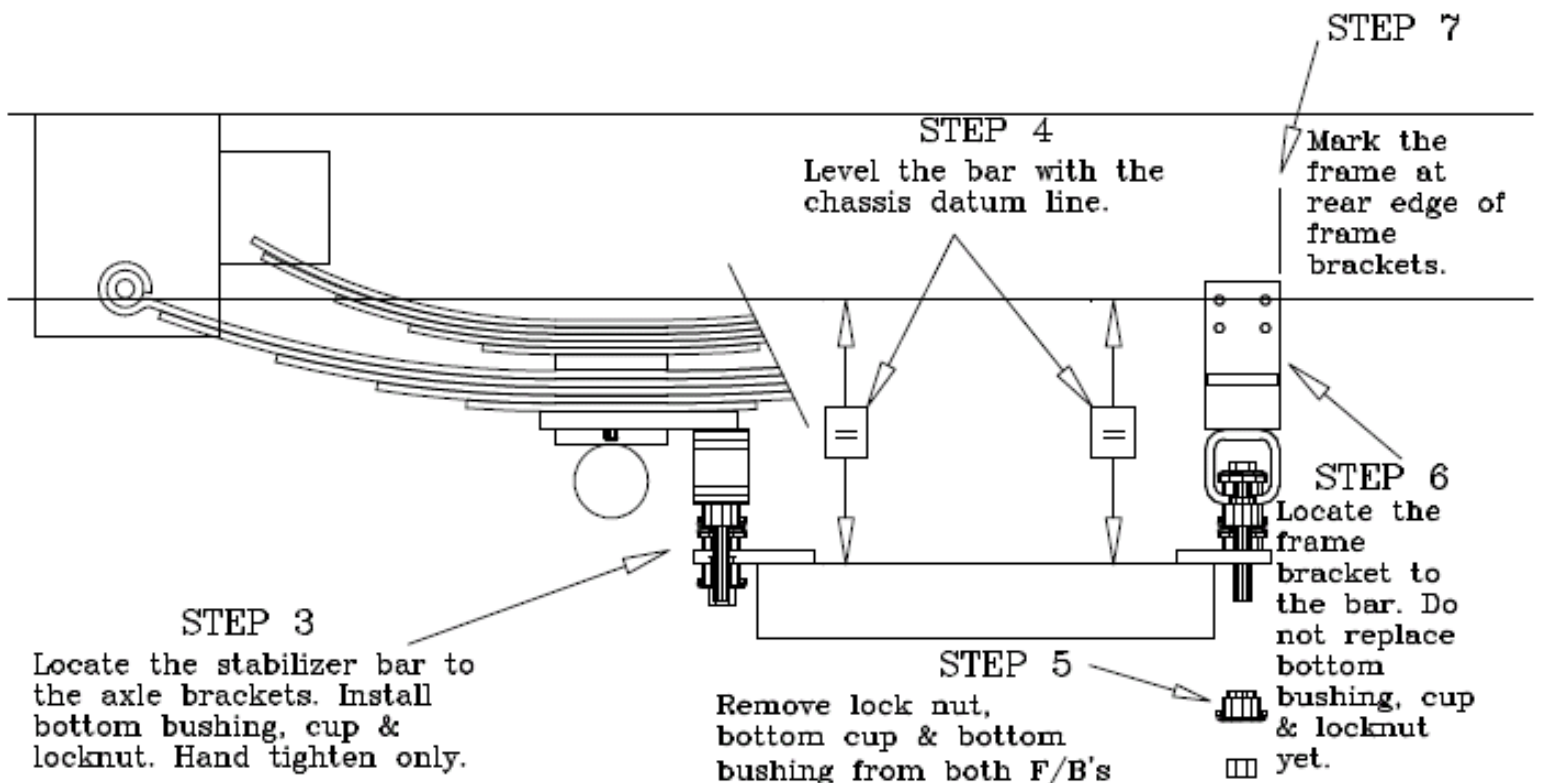
**As Always - Please contact us for any assistance.**

**Phone 1-800-658-1327**

This information is provided in our effort to avoid installation complications, however we realize chassis Manufactures can make changes without notice, of which we can only apologize for should any unforeseen complications occur. It should be understood, that sometimes there is a trade-off or compromise as necessary to allow a truck to function as designed by the upfitter / installer of which accepts and is responsible for those conditions.



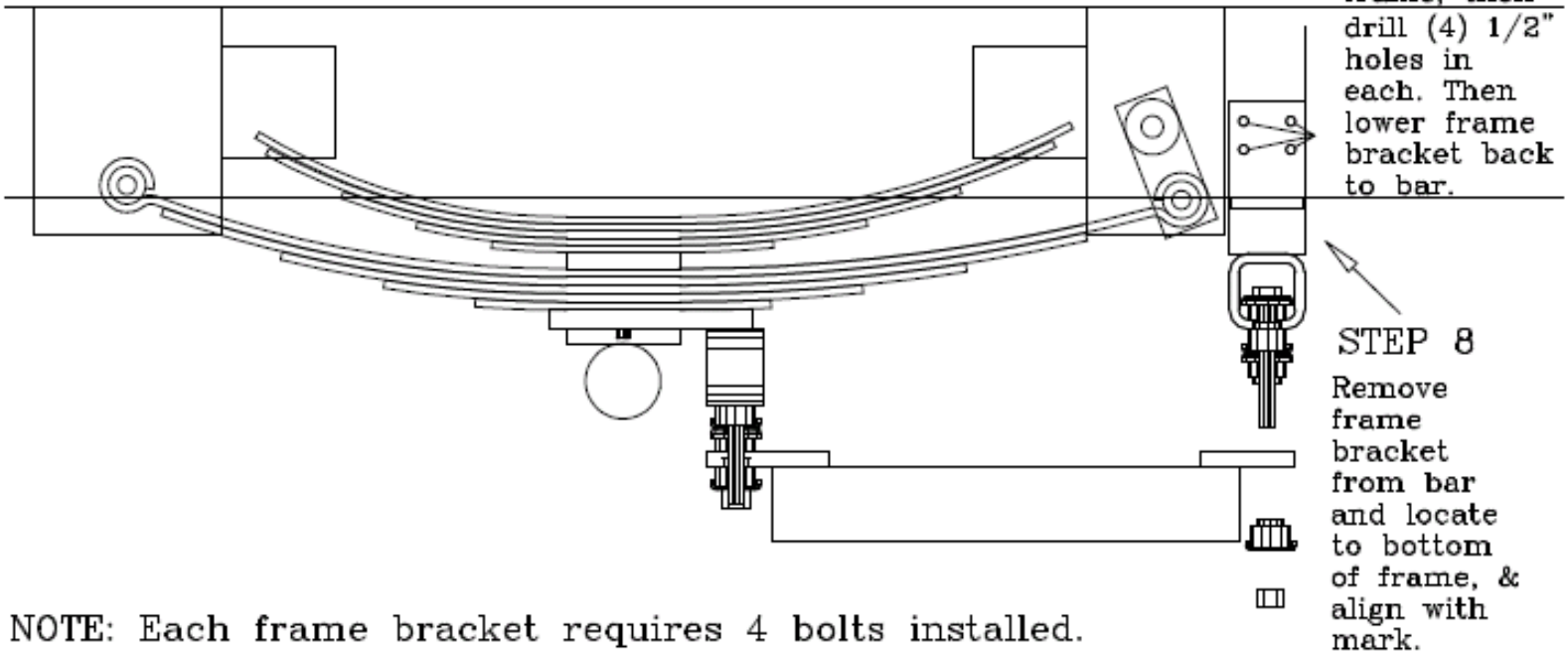
General Illustration - Shapes Vary With Model



Level Ride Mfg. Co.  
Installation Instructions  
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STEP 9

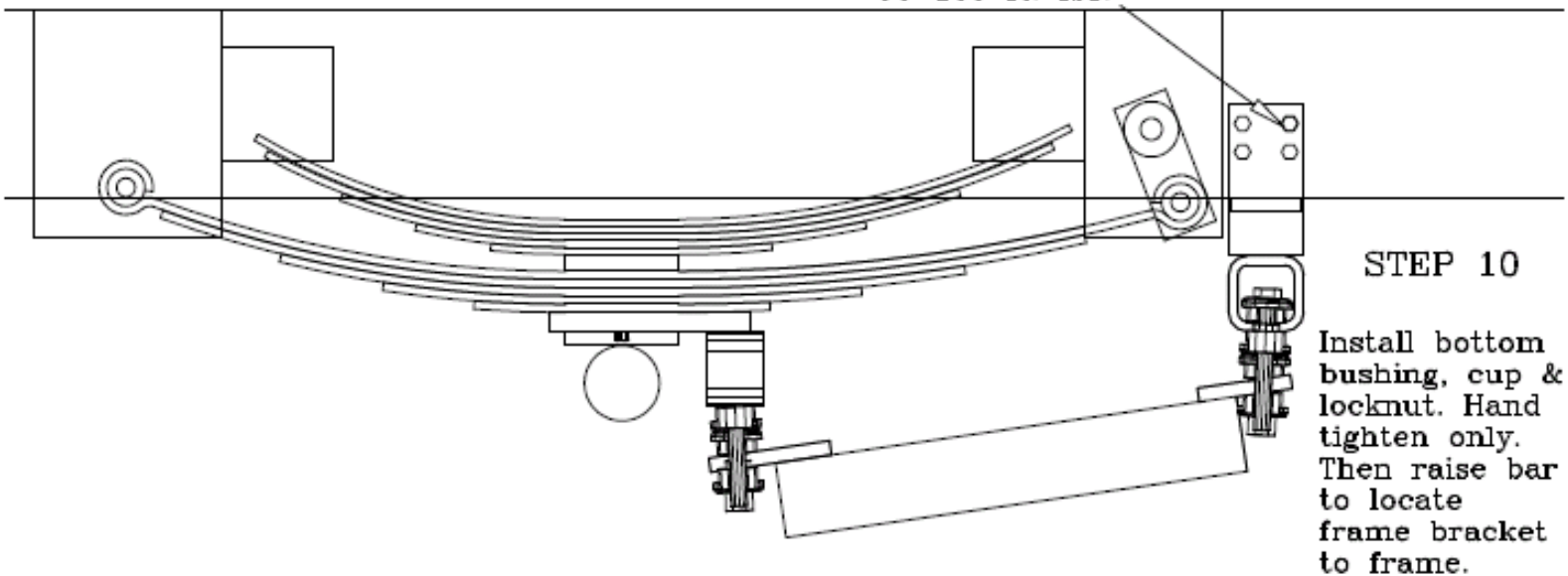
Determine hole pattern, if needed, for frame bracket & frame, then drill (4) 1/2" holes in each. Then lower frame bracket back to bar.



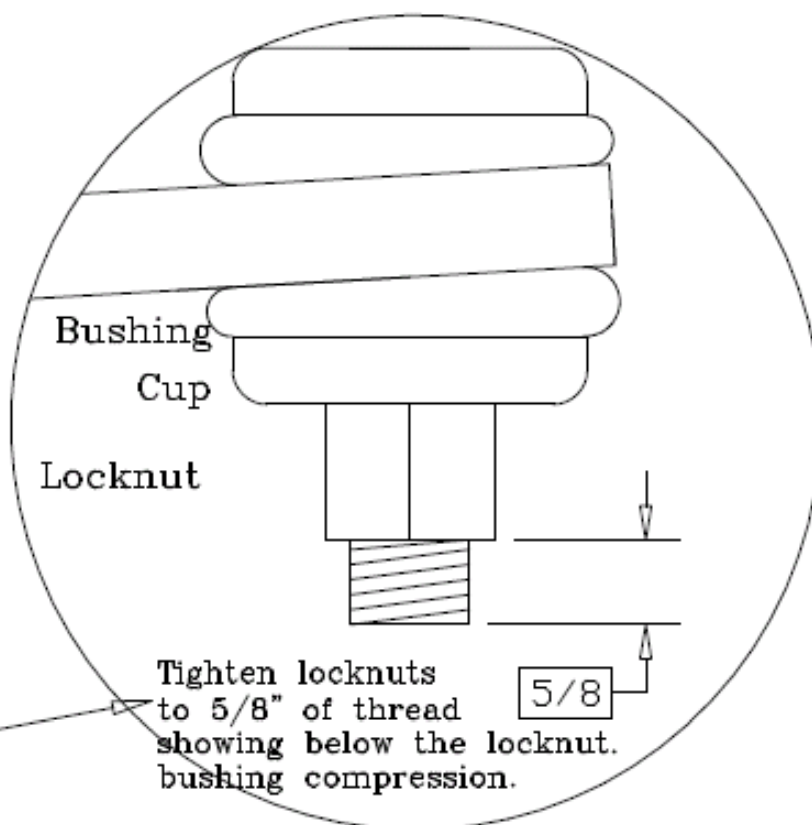
General Illustration - Shapes Vary With Model

STEP 11

Install 1/2" bolts thru frame bracket & frame, then washers & locknut. Torque to 90-100 ft. lbs.



Bar elevation is acceptable at + or - 3" with truck fully loaded.



STEP 12

Tighten locknuts to 5/8" of thread showing below the locknut. bushing compression.

STEP 13

Verify working clearances of stabilizer arms and shafts against truck components with truck loaded. Allow for full suspension stroke.

STEP 14

Apply warning label, included in the kit, to the truck body.

## Warning

Check for damaged parts, or signs of deterioration of rubber parts.

It is the responsibility of the user to maintain and inspect the stabilizer unit & u-bolts during routine program intervals.

If unusual tilting of truck body is noted,

**STOP USING IMMEDIATELY**

and have a qualified service mechanic inspect the unit before using again.

Level Ride Mfg. Co. Diamond, MO 800-658-1327

STEP 15

Place glove box kit in glove box of truck or customer file.