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Part#: 124045

**Belly Pan**

Jeep

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## READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO INSTALLATION OF SYSTEM AND OPERATION OF VEHICLE.

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**SAFETY WARNING** BDS Suspension Co. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

**PRODUCT SAFETY WARNING** Certain BDS Suspension products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. BDS Suspension Co. does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

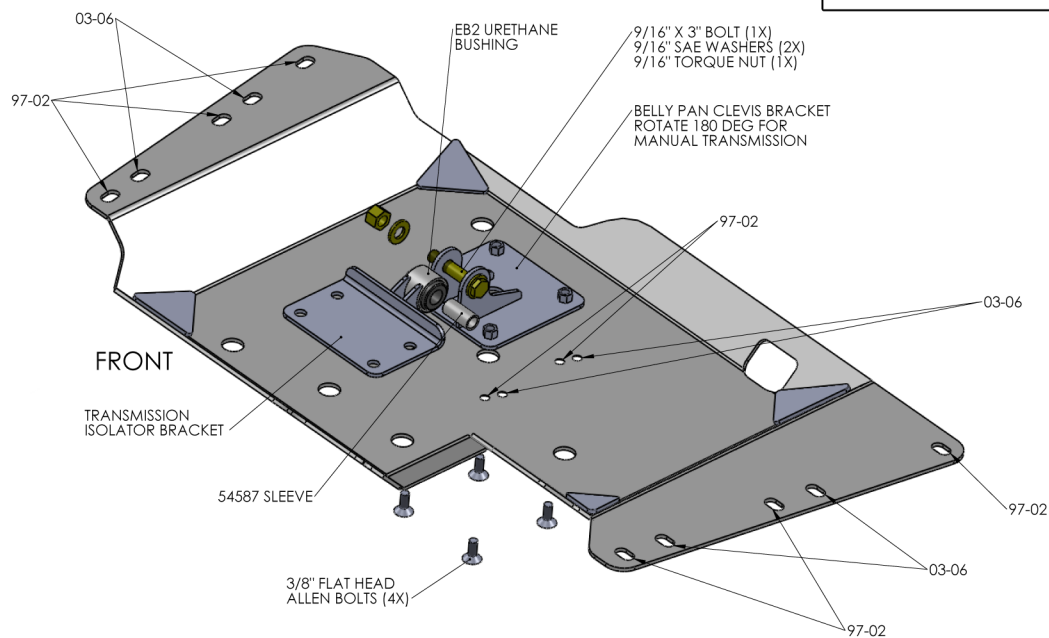
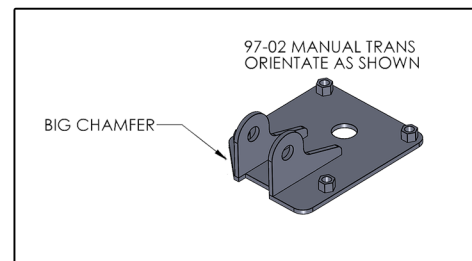
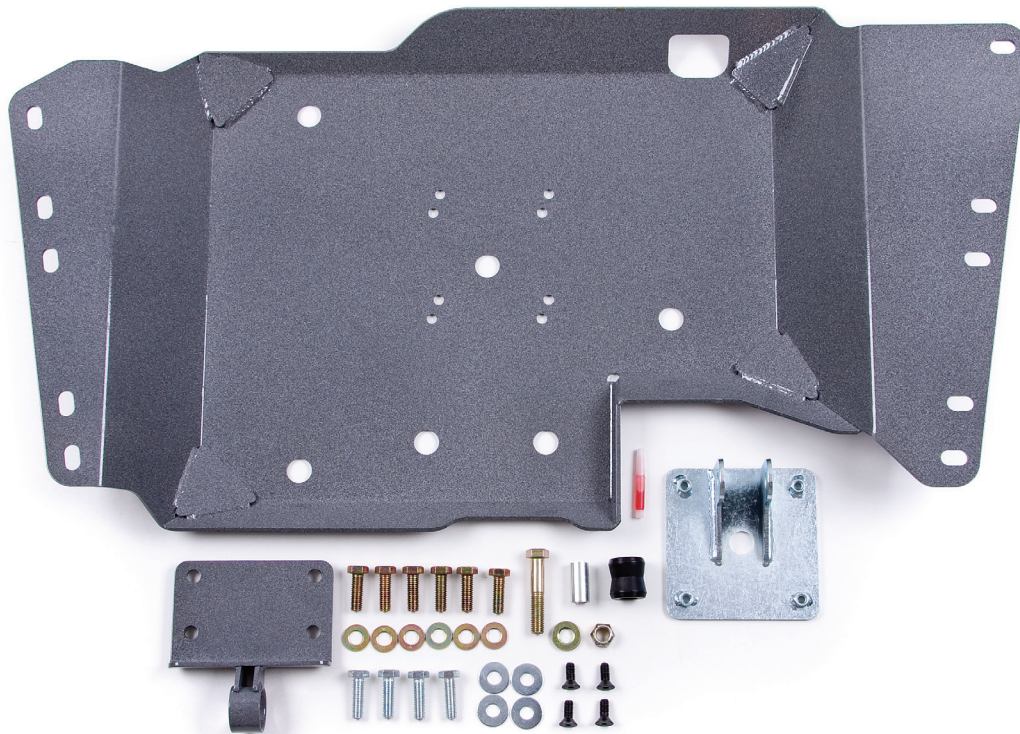
You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

### PRE-INSTALLATION NOTES

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of BDS Suspension components. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, BDS Suspension Co. recommends rear alterations first.
7. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

### POST-INSTALLATION WARNINGS

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.
2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.
3. Perform head light check and adjustment.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.



## NOTES

1. Will not fit 4cyl models!
2. Rubicon models will require the air locker compressors to be relocated. This is the responsibility of the installer.
3. Do not use this kit with a transfer case drop.
4. Recommended for 0-2" of lift with no driveline modifications.
5. 3+ inches of lift will require slip yoke eliminator and dual cardan driveshaft.

## INSTALLATION INSTRUCTIONS

6. Park vehicle on clean, flat, and level surface. Block the wheels to keep the vehicle from moving.
7. Remove the automatic transmission skid plate – if equipped, this will not be reinstalled.
8. Remove the 4 nuts from the bottom of the transmission mount.
9. Place a hydraulic jack under the transmission, use blocks of wood to prevent damaging the transmission pan on automatic transmissions.
10. Rubicon models – disconnect air compressor bracket from factory skid plate
11. Remove the 6 bolts that attach the OE skid plate to the frame rails and remove skid plate.
12. Remove the transmission isolator (4 nuts) from transmission bracket.
13. Grease and install EB2 bushing into bracket, install sleeve (54587).
14. Attach new isolator to transmission bracket studs with OE nuts. Loctite and tighten to 35 ft-lbs.
15. Orientate belly pan clevis bracket according to model year and transmission option and loosely attach to the transmission bracket. Note: 97-02 manual models will require the bracket with the chamfer on it. Install as shown. 97-02 auto / 03+ manuals will use the version in the complete assembly.
16. Install belly pan with new hardware, if installing with BDS long arm kit, use long arm hardware without tapered washers. Leave hardware loose, only thread it in a couple of turns. 97-02 models use standard ½" hardware, 03-06 models use 12mm hardware. 03-06 models only use 2 bolts per side.
17. Attach the belly pan clevis to the belly pan with 3/8" flat head allen bolts. Use thread locker on the threads. Tighten to 30 ft-lbs.
18. Tighten the 9/16" clevis bolt to 65 ft-lbs.
19. Tighten belly pan mounting bolts to 65 ft-lbs.
20. Recheck fasteners after 500 miles.

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## NOTICE TO DEALER/INSTALLER

These instructions, the warning card, and included decals must be given to the owner of this BDS Suspension product.

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For questions, technical support and warranty issues relating to this BDS Suspension product, please contact your distributor/installer before contacting BDS Suspension directly.

Sold/Installed by: