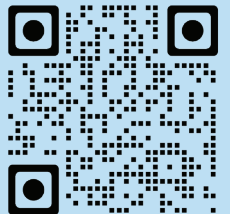




BRSC SUSPENSION SYSTEM

INSTALLATION INSTRUCTIONS



SCAN ME for the
Installation Video



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BRSC SUSPENSION SYSTEM

INSTALLATION INSTRUCTIONS

INTRODUCTION

The BRSC suspension upgrade is designed for the Ford Transit Cutaway and Ram Promaster 3500. The system works in conjunction with the vehicles' existing leaf spring suspension system and uses a rubber spring shackle system to provide a smoother more comfortable ride while better protecting the vehicle from damaging road shock caused by today's rough roadways.

Tools Required:

- Bottle Jacks/Jack Stands
- Floor Jack
- Torque Wrench

PREPARATION

General Safety & Warnings:

⚠ WARNING Read and understand all instructions and warnings prior to installation.

⚠ WARNING Failure to follow the instructions and heed the warnings of this document may result in injury, damage to the trailer and/or property, and/or voidance of the product warranty. Always utilize appropriate safety equipment, i.e. proper eye protection, hearing protection, gloves, etc.

⚠ WARNING You are personally responsible for following safe installation procedures and completing appropriate safety checks.

⚠ WARNING The unit should be on a level surface. Do not attempt this install on soft ground or on an uneven surface. Follow your chassis manufacturer's specifications on lifting and supporting the unit. Proper capacity jacks and supports should be used at all times. Do not substitute blocks or other items for jacks.

Note: The chassis should first be supported safely. Once off the ground, pin the bottle jacks or use pinned jack stands positioned directly under the frame.



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INSTALLATION INSTRUCTIONS

INSTALLATION

STEP 1

Place wheel chocks in front of the front wheels, then lift the rear of the chassis on the frame so that the drive axle wheels are off the ground. Then place bottle jacks/jack stands under the frame and pin them out to support the weight of the vehicle.



STEP 2

Use a floor jack to slightly lift the drive axle, thereby removing tension from the OEM shackle link bolts.



STEP 3

Remove shackle link bolts from both sides of the vehicle and lower the floor jack, thereby lowering the axle.



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INSTALLATION INSTRUCTIONS

INSTALLATION

STEP 4

Use the shackle link bolts provided for the Ford Transit chassis or reuse the OEM bolts for the ProMaster chassis to attach the lower BRSC mount to each of the leaf springs. Please reference the installation print for proper BRSC orientation.



STEP 5

Use the floor jack to raise the axle to align the upper BRSC mount with the vehicle shackle mount.



STEP 6

Use the OEM shackle link bolt to attach the upper BRSC mount to the vehicle shackle mount.



STEP 7

Torque the lower shackle bolt for the Ford Transit to 145 ft-lbs. For all other OEM bolts, use manufacturer specifications.

STEP 8

Lower the floor jack and remove.

STEP 9

Lower the vehicle and remove the bottle jack/ jack stands. Then remove the wheel chocks.

BRSC | Version 1



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