



2265 Crosswind Drive • Prescott, AZ 86301  
(928) 636-3175

# GM BLAZER, JIMMY, SUBURBAN 1/2 & 3/4 TON PU, SUBURBAN FRONT DUAL SHOCK SYSTEM INSTALLATION INSTRUCTIONS KIT # DS25

**⚠ WARNING**  
This kit should only be installed on a vehicle that is in good working condition. Before you install the kit, thoroughly inspect the vehicle for corrosion or deformation of the sheet metal around the factory body mounts. If the vehicle is suspected to have been in a collision or misused, do not install this kit. Off-road use of your vehicle with this kit installed may increase the stress applied to the factory body mounts. We do not recommend that any vehicle with a body lift kit installed be involved in any extreme off-road maneuvers such as jumping. Failure to observe this warning may result in serious personal injury and/or severe damage to your vehicle.

## Before Starting Installation

1. Carefully read all warnings and instructions completely before beginning.
2. This system is not recommended for trucks equipped with ABS brake systems or dual rear wheels. Use of this kit and/or larger tire and wheel combinations may reduce the effectiveness of the ABS system and increase the amount of pedal pressure necessary to obtain a given braking system.
3. Verify all parts have been received in this kit by checking the parts list at the end of this document
4. **Only install this kit on the vehicle for which it is specified.** If anytime during the installation you encounter something different from what is outlined in the instructions, call technical support at (928) 636-3175.

**⚠ WARNING**  
Read and understand all instructions, warnings and safety precautions in these instructions and your owners manual before attempting to install these components.

**PRODUCT SAFETY WARNING**  
Certain Performance Automotive Group 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. Use of oversized tires, suspension lifts, body lifts and other suspension modifications may raise your vehicle's center of gravity resulting in an increased tendency for the vehicle to pitch and roll during sudden turns or abrupt maneuvers. Extreme care must be used to prevent loss of control or vehicle roll over. Failure to drive your modified vehicle safely may result in serious injury or death. Drive at reduced speeds to ensure your ability to maintain control of the vehicle under all driving conditions. Always wear seat belts.

**⚠ CAUTION**  
Proper installation of Performance Automotive Group products requires knowledge of recommended procedures for disassembly/assembly of OE vehicles and components. Access to OE shop manuals and special tools are required. Attempting to install this kit without knowledge of these procedures may affect the safety of your vehicle and/or the performance of these components. Performance Automotive Group strongly recommends that this kit be installed by a certified mechanic with off-road experience.

**⚠ CAUTION**  
Performance Automotive Group recommends the use of Loctite® on all hardware, unless noted otherwise.

**⚠ WARNING**  
Properly block and secure vehicle prior to installation.

# Dual Shock Installation

1. Raise front of vehicle and support with jack stands on frame.
2. Remove front tires/wheels.
3. Remove both front shocks.
4. Install bottom of shocks.
  - a. Use **kit bolt**, (1/2" x 5-1/2"). Install **kit 1/2" washer on bolt** and slide through bottom of shock.
  - b. Slide **kit bolt** with shock on it through original bracket.
  - c. Install **kit spacer on bolt** and then slide 2nd shock onto **kit bolt**.
  - d. Install **kit 1/2" washer and nut** and hand tighten at this time.
5. Install top of shocks.
  - a. Use **kit bolt**, (1/2" x 6-1/2") through end hole in **kit upper shock mount bracket**.
  - b. Install 1st shock over bolt followed by **kit 1/2" spacer**.
  - c. Slide bolt with spacer, shock & bracket through OE upper bracket on frame.
  - d. Install 2nd shock on bolt and secure using **kit 1/2" washer and nut**. Do not torque at this time.
6. Mount **kit upper shock mount bracket**.
  - a. Position **kit upper shock mount bracket** on frame and drill two 1/2" holes through frame using holes in **bracket** as template.

## ⚠NOTE

Bracket position may vary slightly depending on shock size.

## ⚠CAUTION

Before drilling check area around holes to be drilled making sure no brake lines, fuel lines, or anything else will be damaged while drilling.

- b. Secure **kit upper shock mount bracket** using **bolts (1/2" x 1-1/2") & hardware supplied**.
7. Check torque on all hardware installed & torque everything at this time.
  8. Repeat previous steps on opposite side of vehicle.
  9. Install tires/wheels and torque to factory specifications.
  10. Lower vehicle to ground.

## POST-INSTALLATION NOTES

### ⚠CAUTION

Retorque all fasteners after 500 miles and after off road use.

1. Retain this and all information regarding your altered vehicle for future reference. Thank you for choosing Trail Master Suspension. For questions or suggestions, contact our Technical Assistance Department at (928) 636-3175.

## PARTS LIST

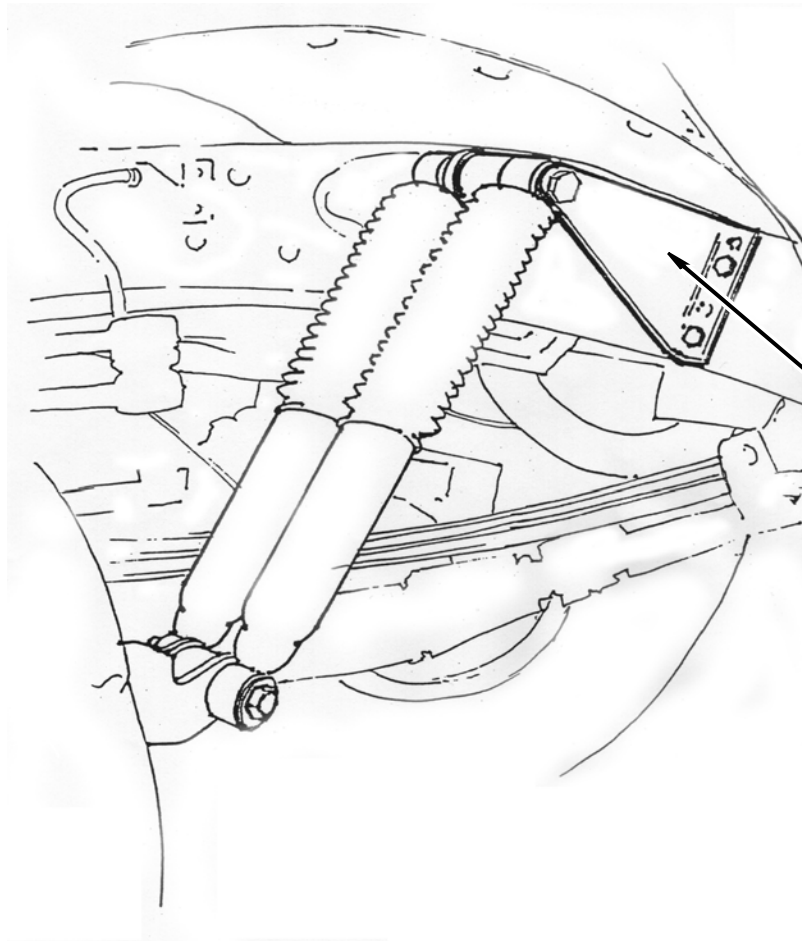
Qty	Description
1	Bracket, (Pass) Upper Shock Mount (DS25ABP)
1	Bracket, (Drv) Upper Shock Mount (DS25ABD)
4	Bolt, 1/2" x 1-1/2"
2	Bolt, 1/2" x 6-1/2"
2	Bolt, 1/2" x 5-1/2"
10	Washer, 1/2" Flat
8	Nut, 1/2" Lock
2	1/2" Sleeve (#63)
2	1-1/4" Sleeve (#10)

## Torque Specifications

See factory service manual for torque values when re-using OE fasteners.

<b><u>Bolt Size</u></b>	<b><u>Grade 5 (ft.-lbs.)</u></b>	<b><u>Grade 8 (ft.-lbs.)</u></b>
1/4"-20	10	10
1/4"-28	10	12.5
5/16"-18	17	22.5
5/16"-24	20	25
3/8"-16	30	40
3/8"-24	35	45
7/16"-14	50	65
7/16"-20	55	70
1/2"-13	75	100
1/2"-20	55	70
9/16"-12	105	135
9/16"-18	115	150
5/8"-11	150	195
5/8"-18	160	210
3/4"-16	175	225

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*kit* **Upper Shock  
Mount Bracket**  
(Drvr-DS25ABD)  
(Pass-DS25ABP)