



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

1986-1/2 to 1991 NISSAN FRONT DUAL SHOCK SYSTEM WITH NP43/NH44 INSTALLATION INSTRUCTIONS KIT # DS48

⚠ 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

- Carefully read all warnings and instructions completely before beginning.
- Verify all parts have been received in this kit by checking the parts list at the end of this document
- 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.

⚠ CAUTION

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

⚠ WARNING

Properly block and secure vehicle prior to installation.

⚠ WARNING

Always wear safety glasses.

⚠ 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

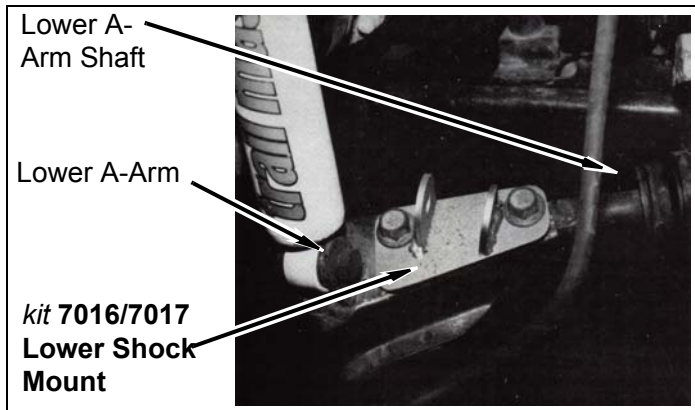
Certain Performance Automotive Group products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Use of oversized tires, suspension lifts, body lifts and other suspension modifications may 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.

Dual Shock Installation

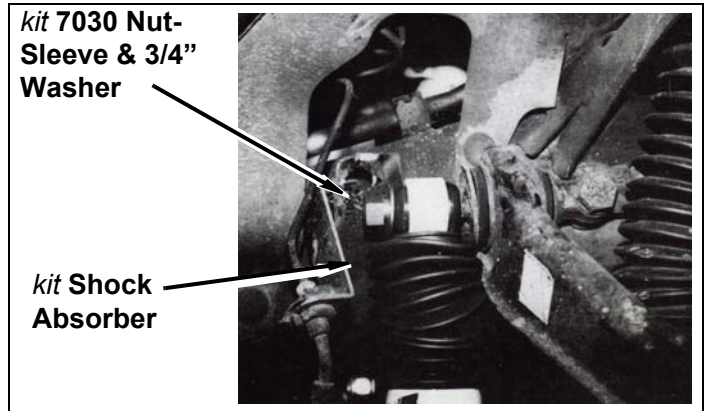
1. Prepare vehicle for shock installation.
 - a. Raise the vehicle with a hydraulic jack or equivalent.
 - b. Support frame with jack stands.
 - c. Remove front wheels.
2. Install Lower Shock Mounts.
 - a. Remove one of two bolts attaching the driver side lower A-Arm shaft to the Lower A-Arm.
 - b. Place the *kit 7016 bracket* onto the A-Arm so the base plate angle matches the lower A-Arm angles. Install the OEM fastener, but do not tighten at this time.
 - c. Remove the second OEM bolt and insert into the second hole of the base and through the lower A-Arms OEM mount. Tighten to their OEM torque values.
 - d. Repeat procedure on the opposite side with the *kit 7017 bracket* supplied.



3. Install *kit Shock*.
 - a. Remove nut located on the rear end of the upper A-Arm shaft.

NOTE
Be sure to leave any OEM washers in place on the upper shaft.

- b. Place one of the *kit 5/8" washers*, onto shaft.
- c. Install one of the *kit 3/4" washers* onto the *kit 7030 Nut-Sleeve* and assembly into the *kit shock absorbers* upper mount and onto the upper shaft.
- d. Place the lower end of the *kit shock absorber* into the *kit 7016/7017 lower mount* installed in the previous step and tighten all fasteners to their OEM specifications.



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
2	Upper Shock Mount (7030)
1	Lower Shock Mount Driver Side (7016)
1	Lower Shock Mount Pass. Side (7017)
2	1/2" x 2-1/2" Bolt
2	1/2" Locknut
2	3/4" Washer SAE
2	5/8" Washer SAE
1	Loctite