3651 N Highway 89 • Chino Valley, AZ 86323
(928) 636-7080

CHEVY/GMC 1500 & 2500 TAHOE, SUBURBAN, YUKON & YUKON XL 3” BODY LIFT INSTALLATION INSTRUCTIONS 2000-2005 KIT# 10113

⚠ WARNING

Installation of a Performance Automotive Group body lift kit will change the vehicle’s center of gravity and handling characteristics both on- and off-road. You must drive the vehicle safely! Extreme care must be taken to prevent vehicle rollover or loss of control, which could result in serious injury or death. Avoid sudden sharp turns or abrupt maneuvers and always make sure all vehicle occupants have their seat belts fastened.

⚠ WARNING

Before you install this kit, read and understand all instructions, warnings, cautions, and notes in this instruction sheet and in the vehicle owner’s manual.

⚠ CAUTION

Proper installation of this kit requires knowledge of the factory recommended procedures for removal and installation of original equipment components. We recommend that the factory shop manual and any special tools needed to service your vehicle be on hand during the installation. Installation of this kit without proper knowledge of the factory recommended procedures may affect the performance of these components and the safety of the vehicle. We strongly recommend that a certified mechanic familiar with the installation of similar components install this kit.

⚠ 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 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.

⚠ WARNING

Many states and municipalities have laws restricting bumper heights and vehicle lifts. Consult state and local laws to determine if the changes you intend to make to the vehicle comply with the law.

⚠ WARNING

The installation of larger tires may reduce the effectiveness of the braking system.

⚠ WARNING

Always wear eye protection when operating power tools.

⚠ WARNING

Before you install this kit, block the vehicle tires to prevent the vehicle from rolling.

⚠ WARNING

Accidental deployment of the air bag can result in serious personal injury or death. To avoid accidental deployment during installation of the kit, the Supplemental Restraint System (SRS, or airbag) must remain deactivated. Do not allow anyone near the airbag during installation. Refer to the factory service manual or owner's manual for the recommended procedure to disable the SRS. After you install the kit, reactivate the SRS before driving the vehicle.

⚠ NOTE

Performance Automotive Group recommends using the Loctite® supplied in the kit on the threads of all kit nuts and bolts unless specified otherwise in these instructions.

Before Starting Installation

⚠ NOTE

Kit parts are prefaced by the word kit and appear in **bold** print.

1. Carefully read all warnings and instructions completely before beginning.

2. Verify all parts have been received in this kit by checking the parts list at the end of this document.

⚠ NOTE

If parts are missing from kit, please be prepared to provide the following information:
1. **Name** of purchase location
2. **Bar Code** on side of box
3. **Date** above bar code
4. **Date** inside box cover
5. **Inspector #** from inside box cover

3. **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) 636-7080.

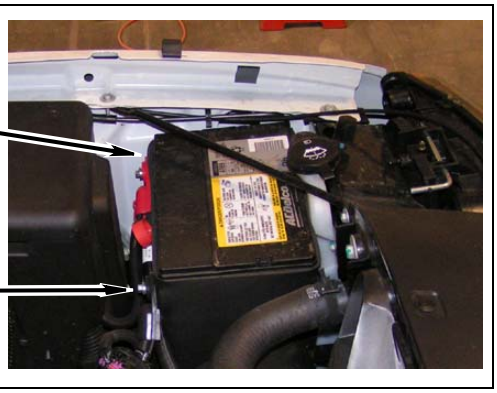
4. Special tools needed:

   a. Die grinder or similar tool capable of cutting metal and plastic.

5. Park vehicle on a clean, dry, flat, level surface and block tires so vehicle cannot roll in either direction.

Engine Compartment

1. Disconnect both battery cables. Disconnect negative cable first, then positive cable.



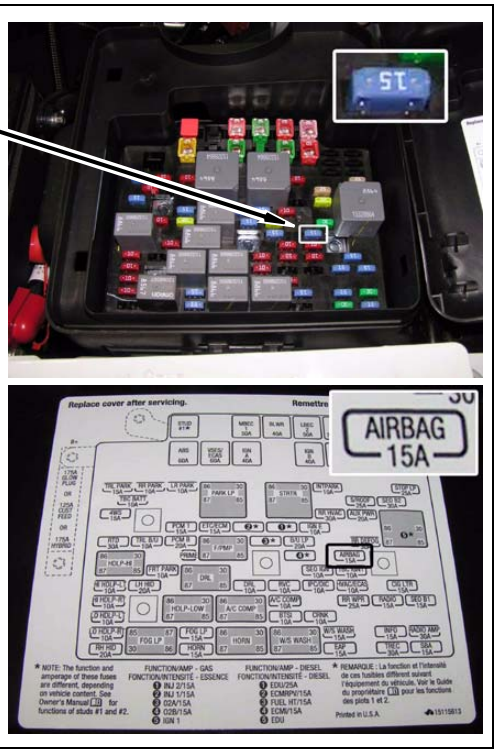
2. Airbag Fuse

⚠ NOTE

The location of the airbag fuse may vary; check the owner's manual.

   a. Remove fuse cover.

   b. Remove airbag fuse.



Prepare to Install Kit

Measurements

1. Measure and record distance between front bumper and fenders.

   Driver Side _____Passenger Side _____

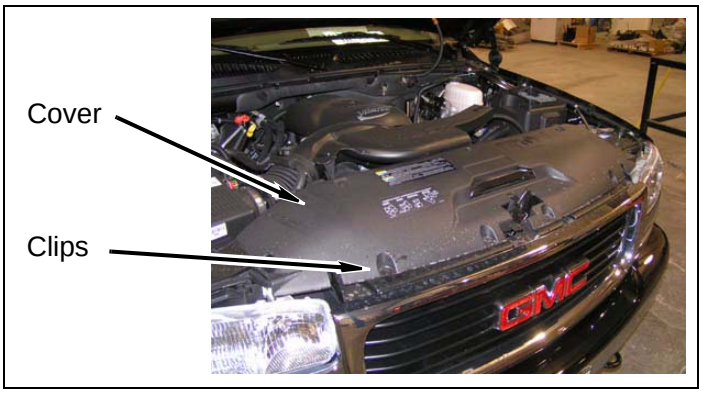
2. Measure and record distance between rear bumper and cab.

   Driver Side _____Passenger Side _____

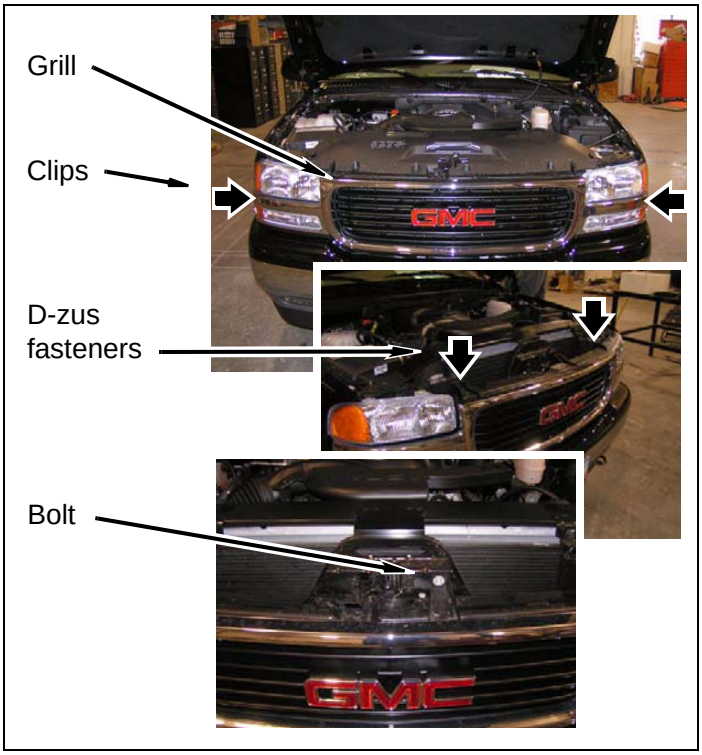
Front of Vehicle

1. Grill

   a. Remove seven panel clips and cover from core support.

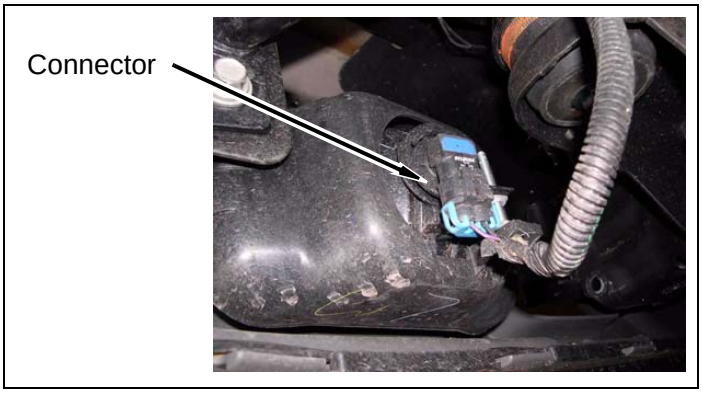


   b. Remove bolt, two D-zus fasteners, two clips and grill from core support and front fenders.

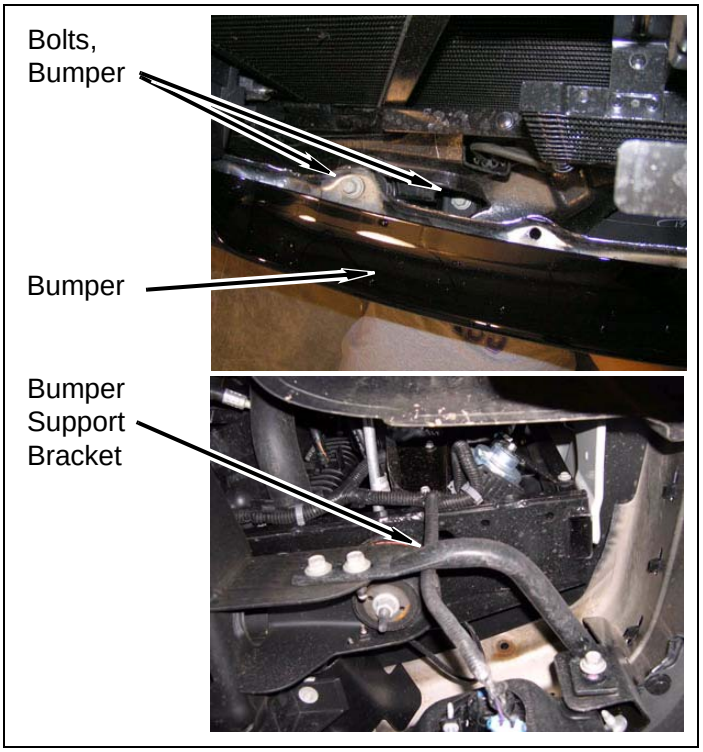


2. Front bumper

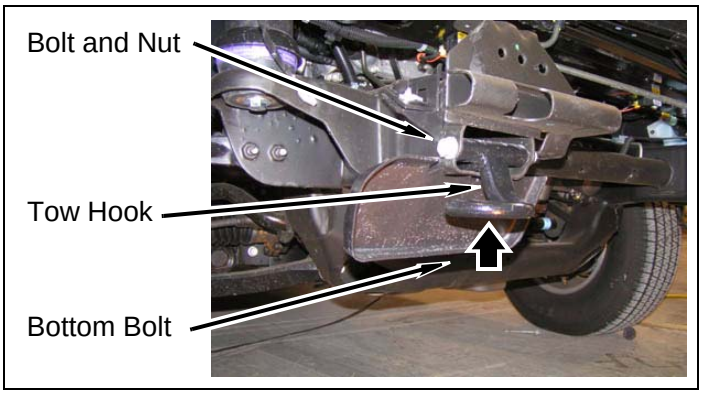
   a. Remove two wire connectors from fog lamps, if equipped.



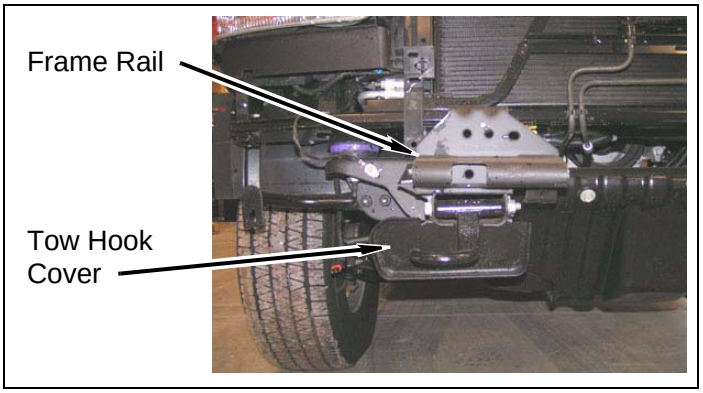
b. Remove ten bolts, bumper and bumper support brackets from frame.



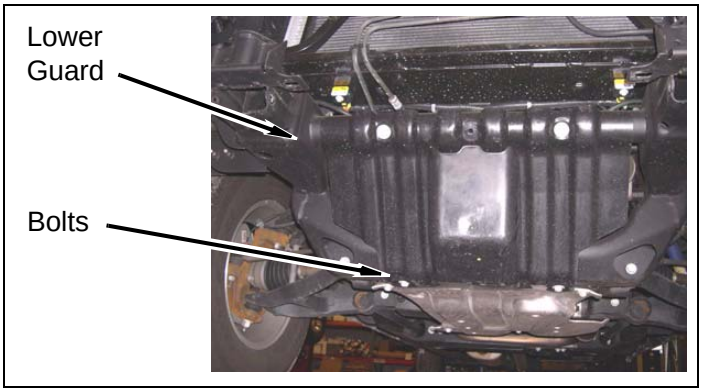
3. Remove bolts and tow hooks from frame rails.



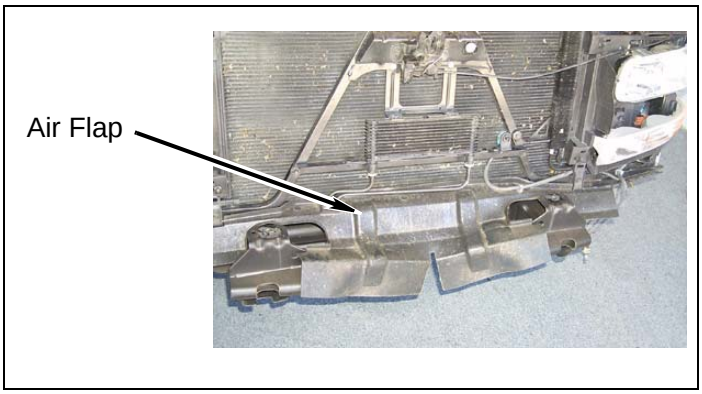
4. Remove bolts and tow hook covers from frame rails.



5. Remove bolts and lower guard from core support and frame.

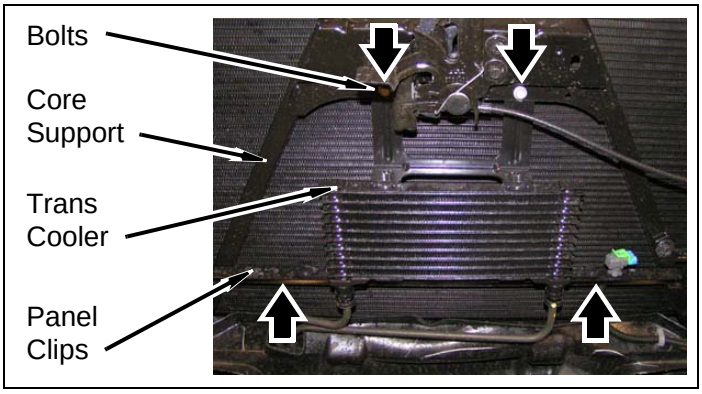


6. Remove clips and air flap from core support. Remove any wire harnesses from air flap.

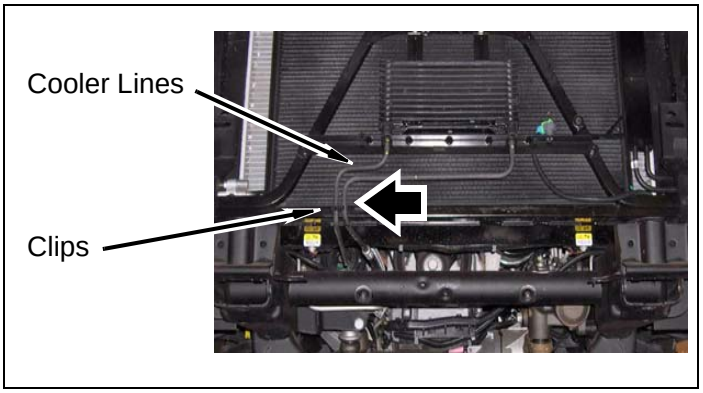


7. Transmission cooler

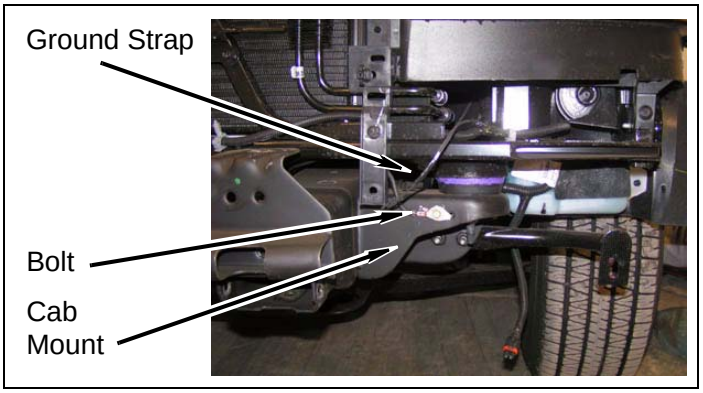
   a. Remove two bolts, two panel clips and transmission cooler from core support and allow cooler to settle on frame.



b. Remove cooler lines from core support clip.



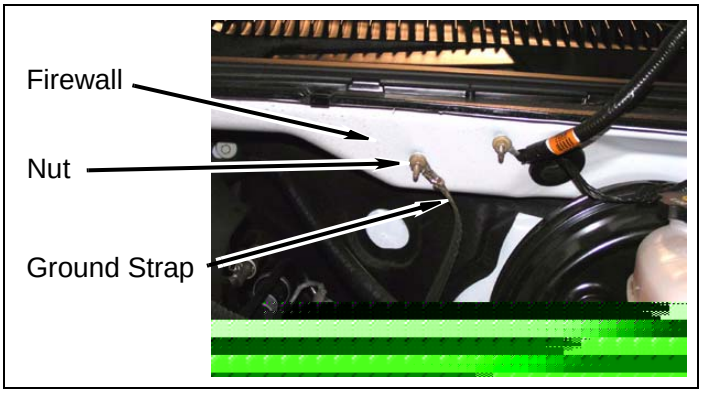
c. Remove bolt and ground strap from front cab mount on passenger side.



d. Repeat above step for driver side.

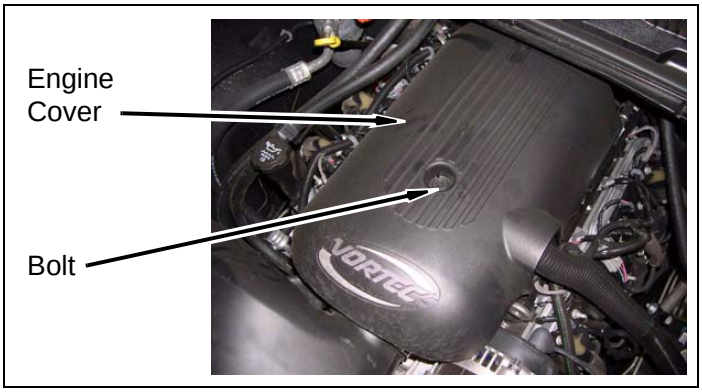
Engine Compartment

1. Remove nut and ground strap from firewall.

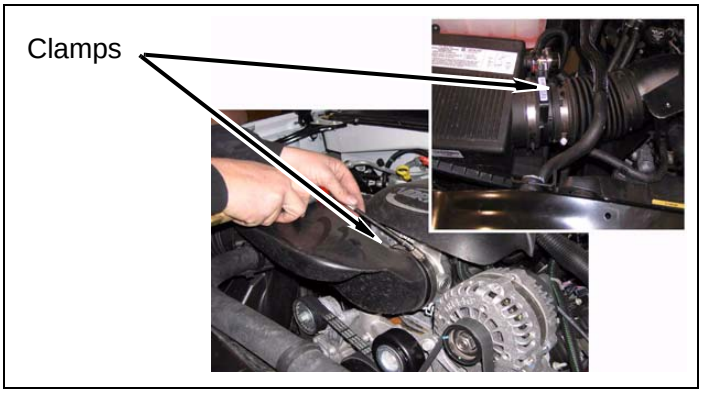


2. Engine

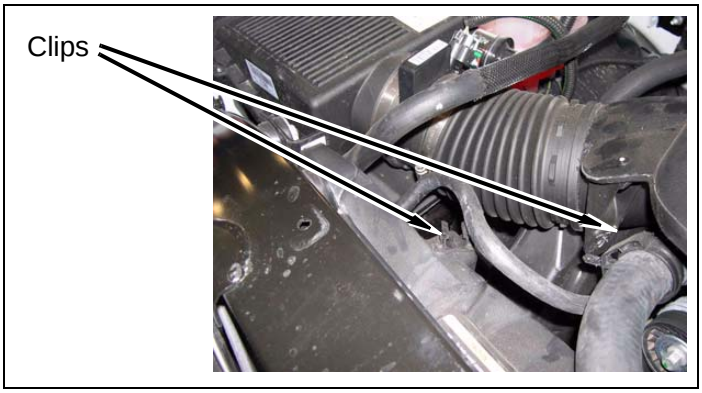
a. Remove bolt and engine cover from top of engine.



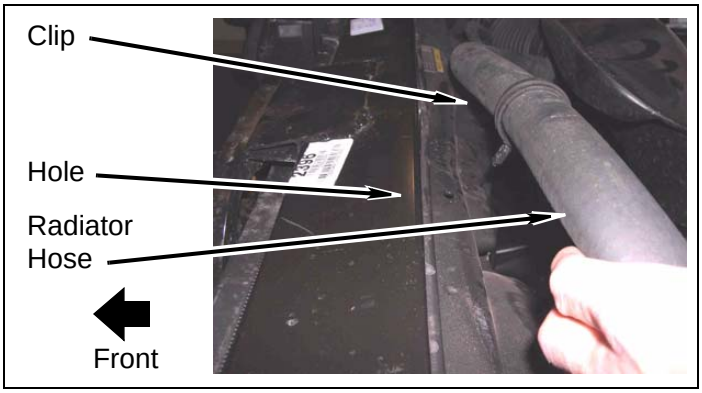
b. Loosen throttle body and air box hose clamps.



c. Remove overflow and radiator hoses from two-clips.

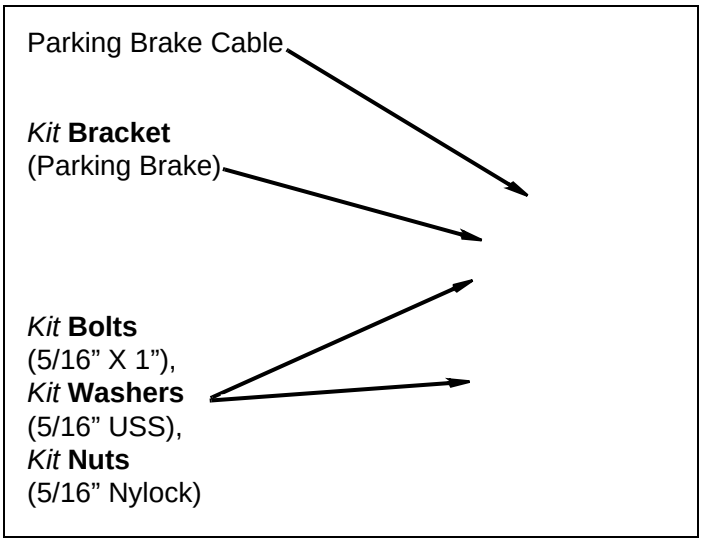


3. **Electric & Mechanical fan:** Remove clip and radiator hose from radiator.

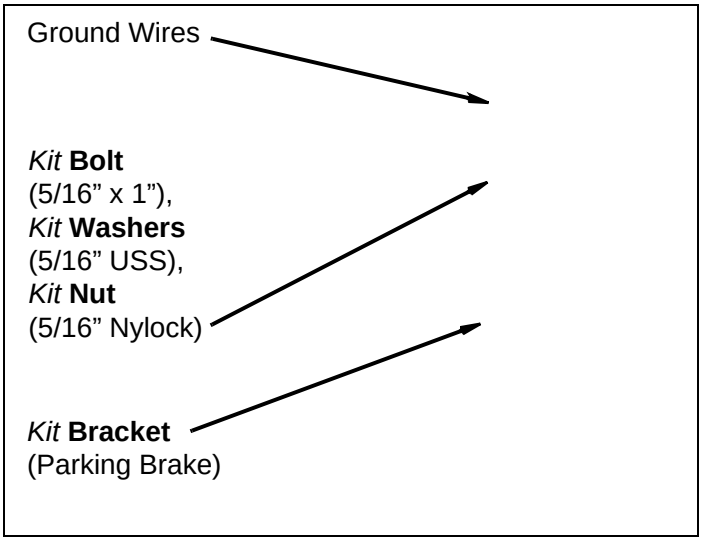


b. Route parking brake cable through largest hole in *kit* **bracket** (parking brake).

c. Install *kit* **bracket** (parking brake) to mounting pad using two *kit* **bolts** (5/16" x 1"), four *kit* **washers** (5/16" USS) and two *kit* **nuts** (5/16" Nylock).

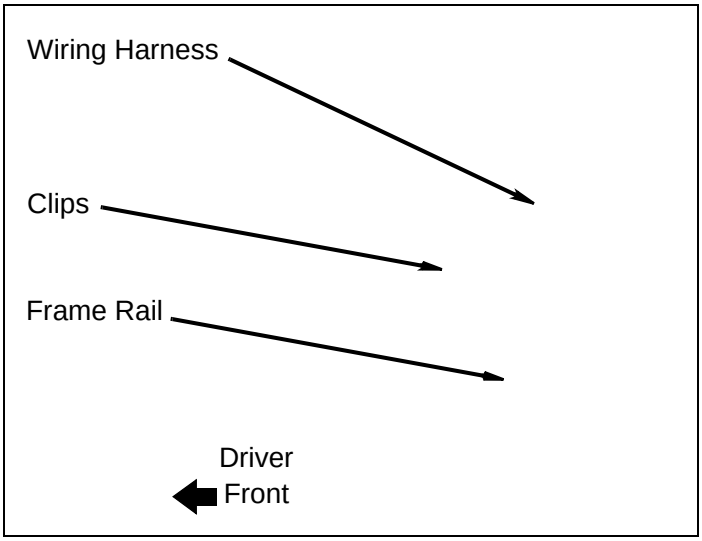


d. Install two ground wires on *kit* **bracket** (parking brake) with *kit* **bolt** (5/16" x 1"), two *kit* **washers** (5/16" USS) and *kit* **nut** (5/16" Nylock).

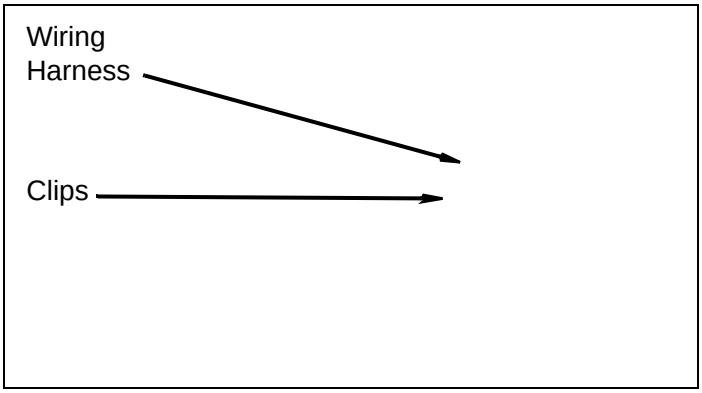


2. Wire harnesses

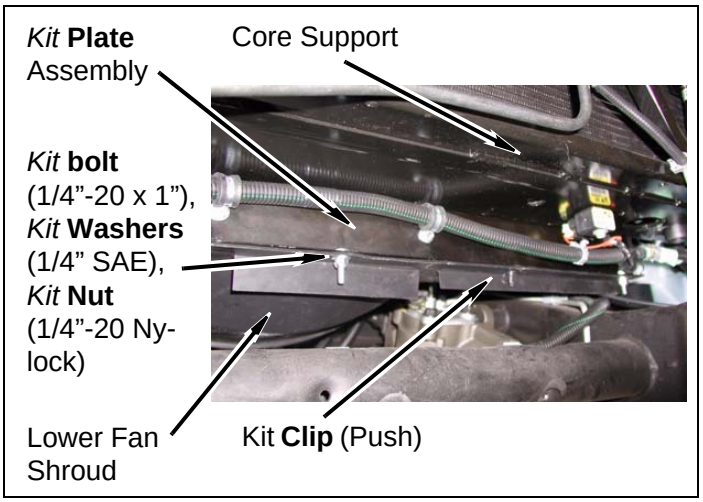
a. Install wiring harness into clips on frame rail, if possible.



b. Install wiring harness onto brake line, if possible.

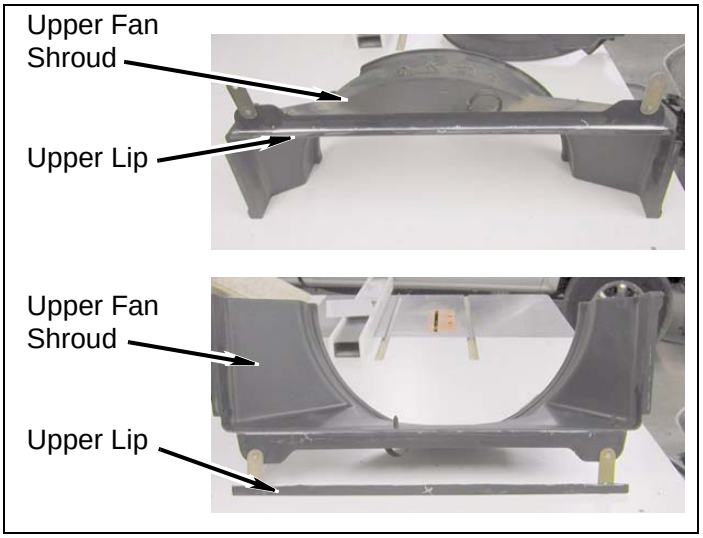


n. Install lower fan shroud on *kit* **plate** assembly with three *kit* **bolts** (1/4”-20 x 1”), six *kit* **washers** (1/4” SAE), three *kit* **nuts** (1/4” nylock) and two *kit* **clips** (push).

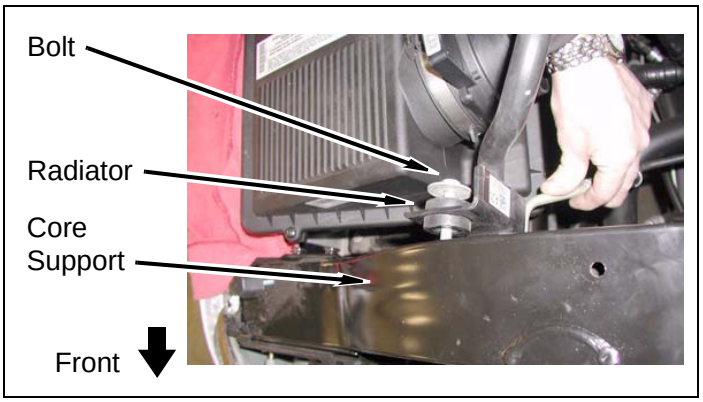


o. Install fan on fan clutch with four bolts.

p. **2” kit:** trim upper lip from upper fan shroud as shown.

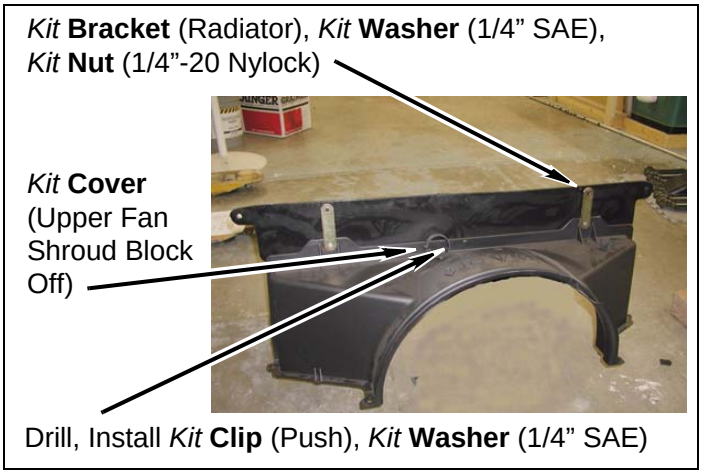


q. Remove two bolts from radiator and upper core support.

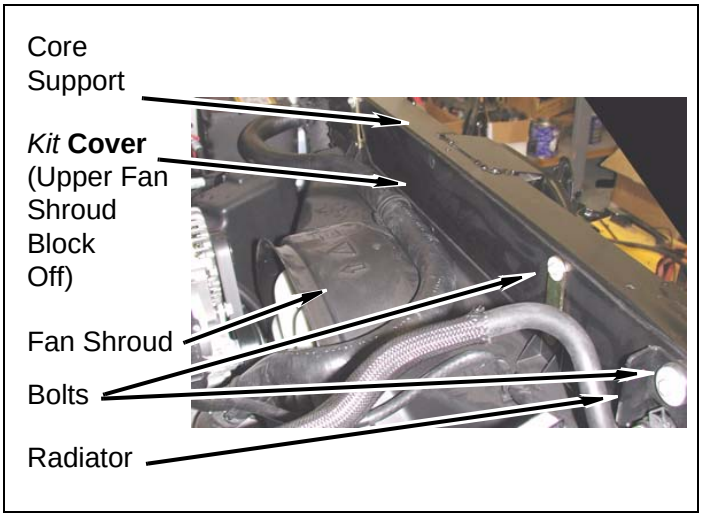


r. Assemble *kit* **cover** (upper fan shroud block off), upper fan shroud and two *kit* **brackets** (radiator) with two *kit* **washers** (1/4” SAE) and two *kit* **nuts** (1/4” nylock).

s. Drill upper fan shroud using *kit* **cover** (upper fan shroud block off) as a template. Drill with a 1/4” drill bit and install a *kit* **clip** (push) as shown with a *kit* **washer** (1/4” SAE).



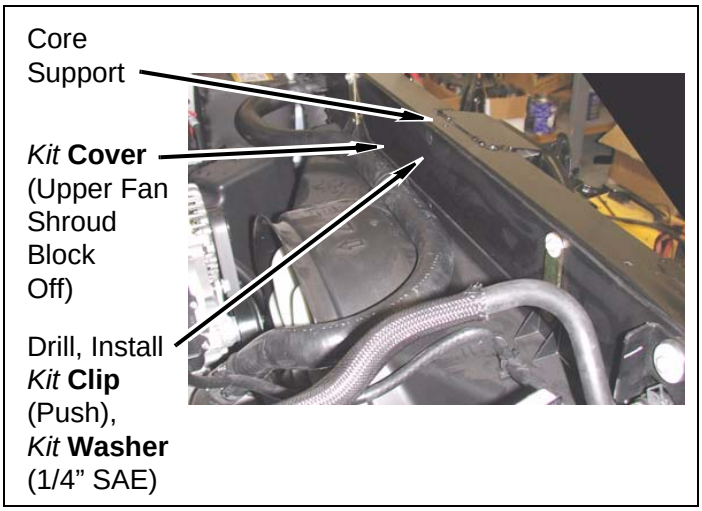
t. Install upper fan shroud assembly on core support, radiator and lower fan shroud with four bolts. Ensure *kit* **cover** (upper fan shroud block off) is placed in between core support and radiator.



u. Attach upper fan shroud to lower fan shroud with four pop-ups on sides of fan shroud.

NOTE:
Ensure all safety and care precautions are taken when operating power tools.

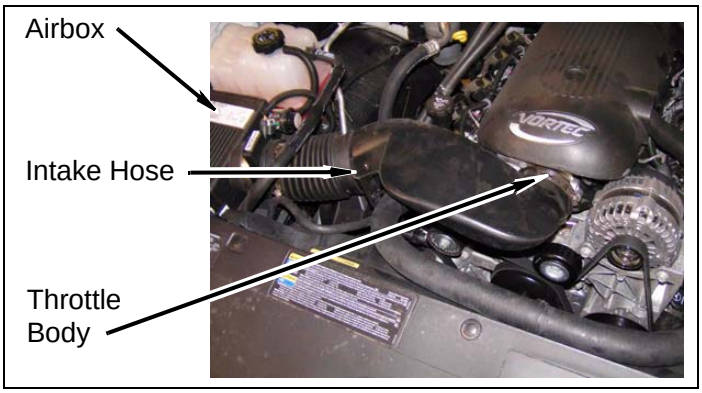
v. Using *kit* **cover** (upper fan shroud block off) as a template, drill a 1/4” hole in core support and install a *kit* **clip** (push) as shown.



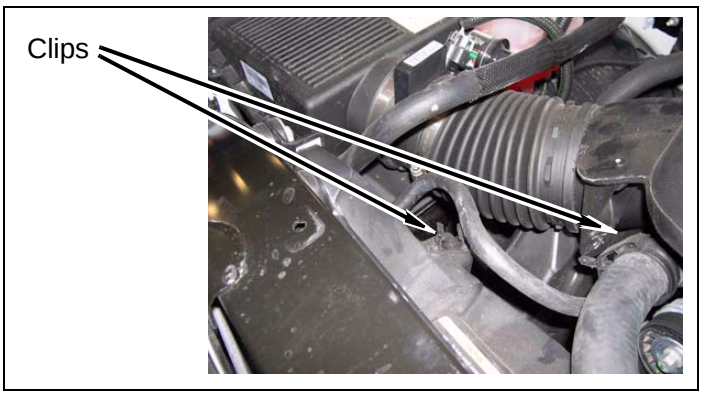
w. Check fan to fan shroud clearance. Ensure gap is uniform around shroud and tighten all nuts and bolts.

5. Engine

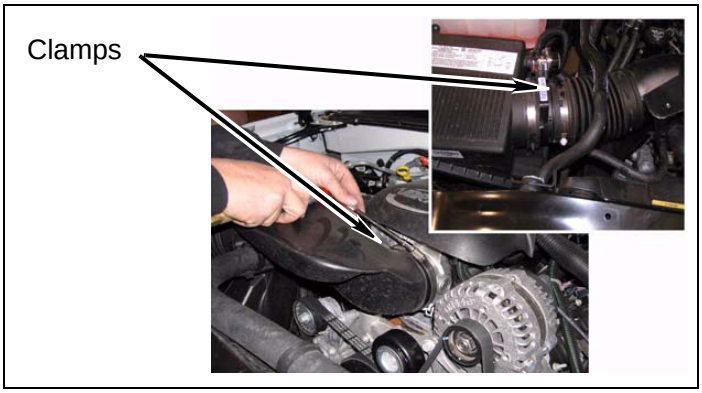
a. Position engine air intake hose on throttle body and airbox.



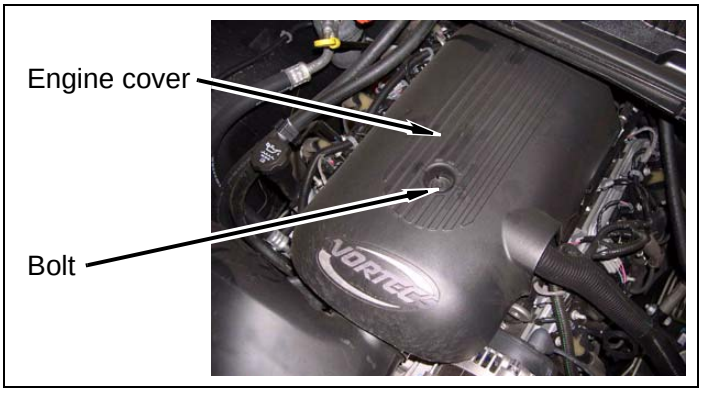
b. Install radiator hoses to engine air intake hose with clips.



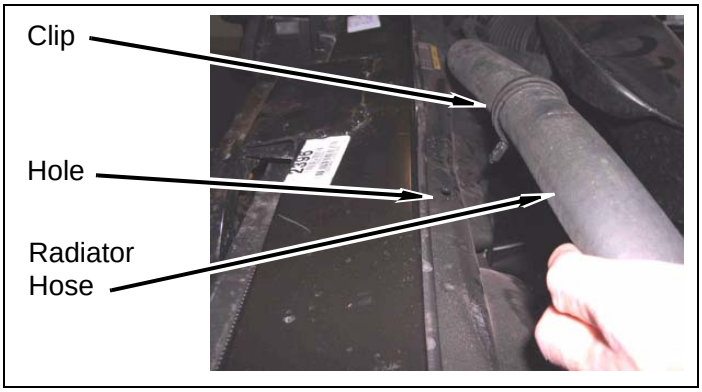
c. Tighten engine air intake hose clamps.



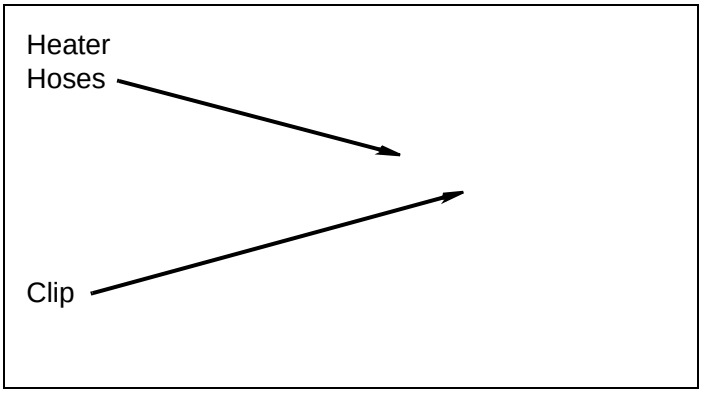
d. Install engine cover and factory bolt to engine.



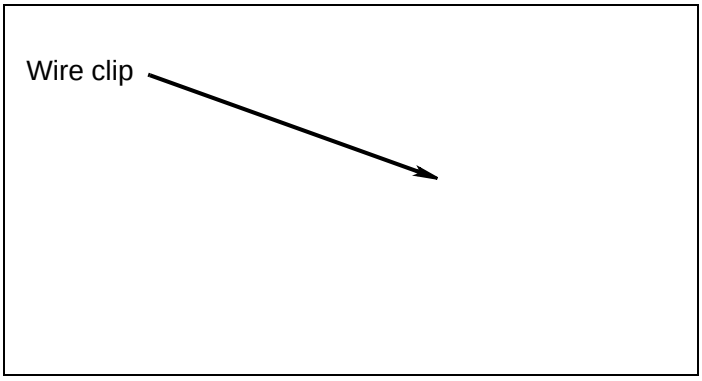
e. Install radiator hose to radiator with clip.



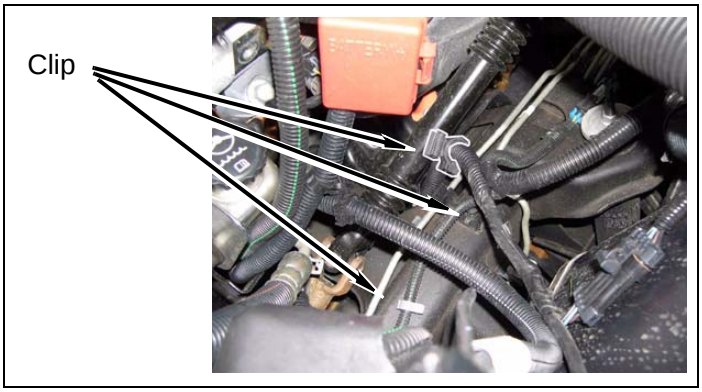
f. Install heater hoses into clip.



g. Install wiring harness into wire clip on driver side.



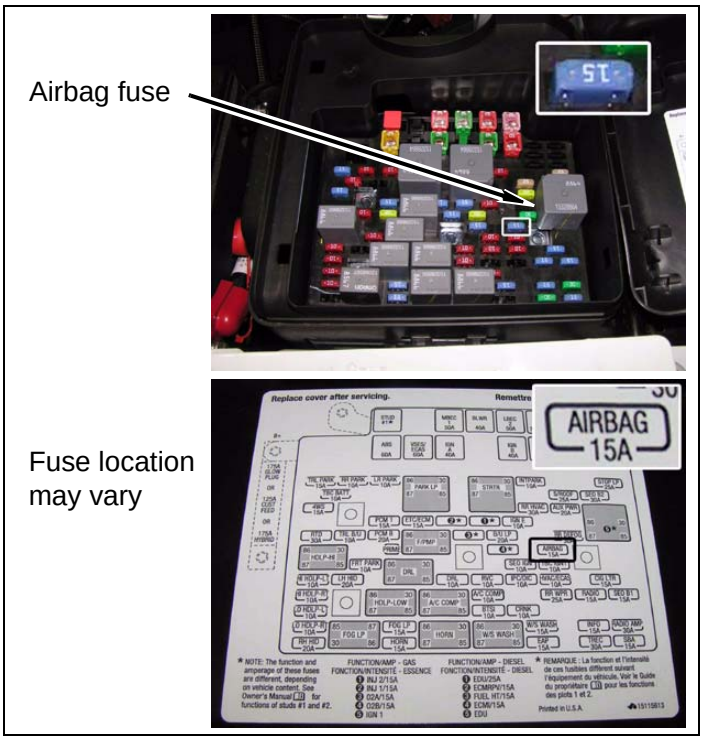
h. Install wire harness onto three clips near brake lines on driver side.



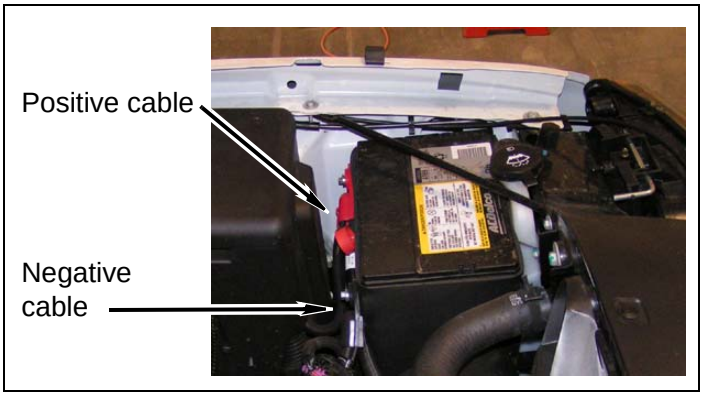
After Completing Installation

Engine Compartment

1. Install airbag fuse and fuse block cover.



2. Connect both battery cables. Connect positive cable first, then negative cable.



Miscellaneous

1. Apply *kit* **label** (warning) to dashboard in plain sight of all vehicle occupants.

2. Check all fasteners to ensure they are tight.

3. Ensure all wires, hoses, cables, etc. are properly connected and there is ample slack.

Dynamic Vehicle Check

1. Check steering in both directions to ensure that there is no bind. Check operation of clutch, brake system, and parking brake. Check operation of transmission and transfer case. Ensure there is full engagement in all gears and 4WD ranges. Check battery connections and electrical component operations. Test-drive vehicle.

⚠WARNING

Retorque all fasteners after 500 miles and after off road use. All body lift components should be visually inspected and fasteners retorqued during routine vehicle servicing.

⚠CAUTION

Performance Automotive Group does not recommend any particular wheel and tire combinations for use with its body lifts and cannot assume responsibility for the customer's choice of wheels and tires. Refer to your owner's manual for recommended tire sizes and warnings related to the use of oversized tires. Larger wheel and tire combinations increase stress and wear on steering and suspension components, which leads to increased maintenance and higher risk for component failure. Larger wheel and tire combinations also alter speedometer calibration, braking effectiveness, center of gravity, and handling characteristics. Consult an experienced local off road shop to find what wheel and tire combinations work best with your vehicle.

⚠NOTE

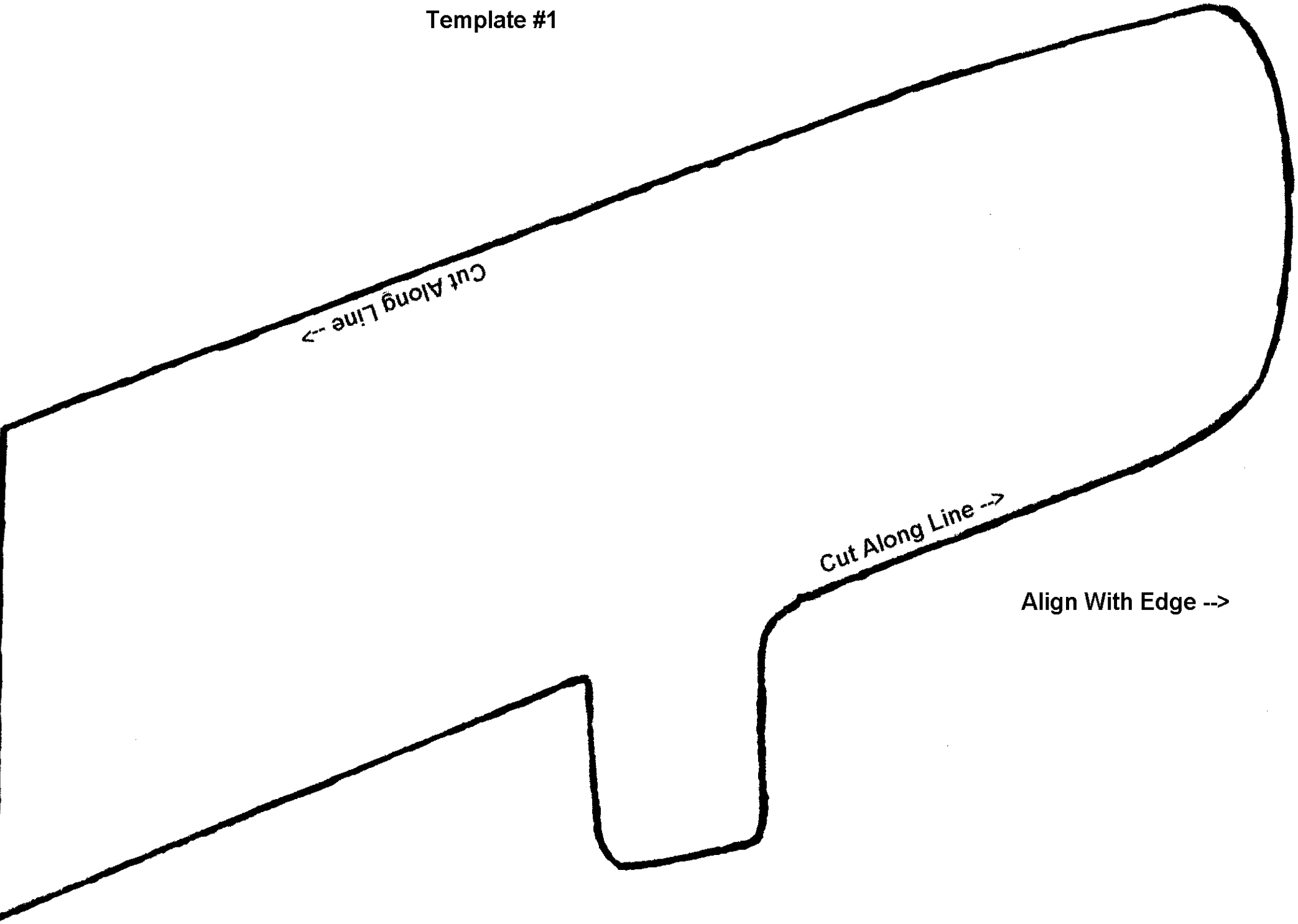
All warranty information, instruction sheets, and other documents regarding the installation of this product must be retained by the vehicle owner. Information contained in the instructions and on the warranty card will be required for any warranty claims. The vehicle owner needs to understand the modifications made to the vehicle and how they affect vehicle handling and performance. Failure to provide the customer with this information can result in damage to the vehicle and severe personal injury.

Accessories

The following accessories are also available:

Kit # 6542: Gap Guards

Template #1



Kit Parts List

Qty.	Description
12	**Block**, 3” x 3” spacer
11	**Bolt**, 1/4”-20 x 1”
2	**Bolt**, 1/4”-20 x 3”
2	**Bolt**, 3/8”-16 x 1-1/2”
1	**Bolt**, 3/8”-16 x 1-3/4”, hex head
3	**Bolt**, 5/16” x 1”
24	**Bolt**, 7/16” x 1-1/2”
1	**Bolt**, 8mm x 70mm
12	**Bolt**, 12mm-1.75 x 180mm
2	**Bolt**, 14mm-2.0 x 110mm
2	**Bracket**, 3” radiator
2	**Bracket**, 2” S-shaped
1	**Bracket**, front bumper, driver
1	**Bracket**, front bumper, passenger
2	**Bracket**, front bumper, inner
2	**Bracket**, front bumper, outer
1	**Bracket**, ground strap
1	**Bracket**, parking brake
1	**Bracket**, rear bumper, driver
1	**Bracket**, rear bumper, passenger
2	**Bracket**, trailer hitch
5	**Clip**, push
2	**Cover**, front bumper valance (urethane)
1	**Cover**, upper fan shroud block off (urethane)
1	**Extension**, steering
1	**Label**, logo
1	**Label**, warning
1	**Label**, warning, rear bumper
1	**Loctite**®, 6ml bottle
2	**Loom**, wire
17	**Nut**, 1/4” nylock
2	**Nut**, 14mm nylock
4	**Nut**, 3/8” nylock
3	**Nut**, 5/16” nylock
24	**Nut**, 7/16” nylock
1	**Plate**, left block off
1	**Plate**, middle block off
1	**Plate**, right block off
3	**Spacer**, 2” x .5” ID x .59” OD
3	**Tie**, zip

Qty.	Description
2	**Washer**, 1/2” thick
28	**Washer**, 1/4” SAE
2	**Washer**, 14mm
4	**Washer**, 3/8” USS
2	**Washer**, 3/8” SAE
6	**Washer**, 5/16” USS
60	**Washer**, 7/16” USS
2	**Washer**, square, 3/16” x 1-1/2” x 2-1/2”
1	**Washer**, 8mm

⚠ NOTE

Depending on the vehicle configuration (automatic or manual transmission, 2WD or 4WD, cab length, bed length, etc.), model year, some parts may not be used.

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