INSTALLATION INSTRUCTIONS

TOYOTA PICKUP/4RUNNER AIR INTAKE KIT

180316-1-K ('85-'87 22RE PICKUP/4RUNNER)
180317-1-K ('88 22RE PICKUP/4RUNNER)
180318-1-K ('89-'95 22RE PICKUP/4RUNNER)



KIT CONTENTS

1 ct.
Air Intake, '85-'87 22RE Pickup/4Runner
180316-1-K



or

1 ct.
Air Intake, '88 22RE Pickup/4Runner
180317-1-K



or

1 ct.
Air Intake, '89-'95 22RE Pickup/4Runner
180318-1-K



TRAIL-GEAR INC

RECOMMENDED TOOLS

Flat Head Screwdriver
Hacksaw or Chop Saw
Ratchet & Socket Set
Adjustable Wrench

CAUTION

1. Read all instructions completely and carefully before you begin.

2. Check to make sure the kit is complete and that no parts are missing (refer to the Kit Contents List on the first page of these instructions).

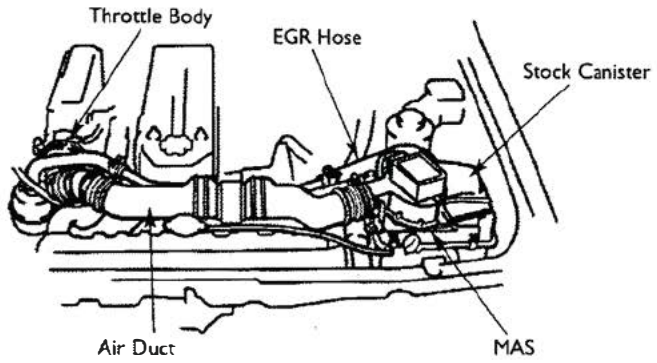
3. Park vehicle on a clean, dry, flat, level surface and block the tires so the vehicle can not roll in either direction.

4. Any variation from these instructions or parts will void the 50-state smog legal certification.

AIR INTAKE INSTRUCTIONS

STEP 1

Remove the original air duct (crossover tube) clamps and remove the air duct from the vehicle. On 1988-1995 vehicles, also remove the EGR hose from the air cleaner canister.



STEP 2

Unplug the Mass Air Sensor (MAS) electrical cord from the MAS.



STEP 3

Unbolt and remove the original air cleaner canister from the vehicle.



STEP 4

Remove the MAS from the original air cleaner canister. Mount the MAS onto the flat side of the new air

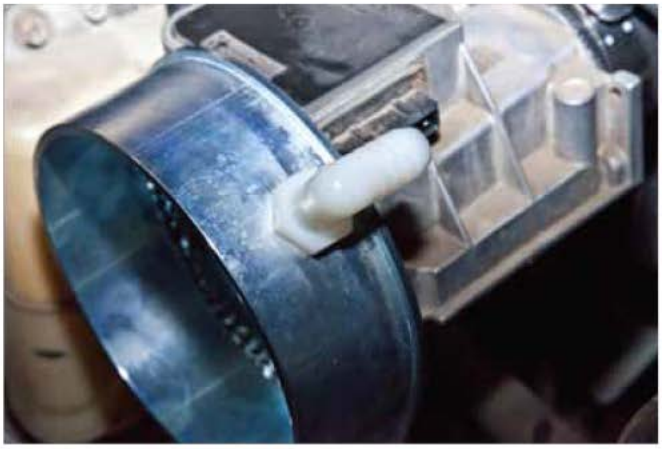


STEP 5

Mount the 3/4" plastic hose fitting (or plug) into the side hole in the air cleaner.



STEP 5 (CONTINUED)



INSTALLATION INSTRUCTIONS

STEP 6

The portion of the wiring harness that lays on the inner fender apron below the original air cleaner canister must be rerouted rearward (out of air cleaner mounting area). Two 3/8" insulated loom clamps and sheet metal screws have been provided for this purpose.



STEP 7

Mount the air cleaner onto the inner fender apron. The front hole in the bottom of the air intake should align with the original air cleaner front hole location on the fender apron. Install 8mm bolts and nuts.



STEP 7 (CONTINUED)

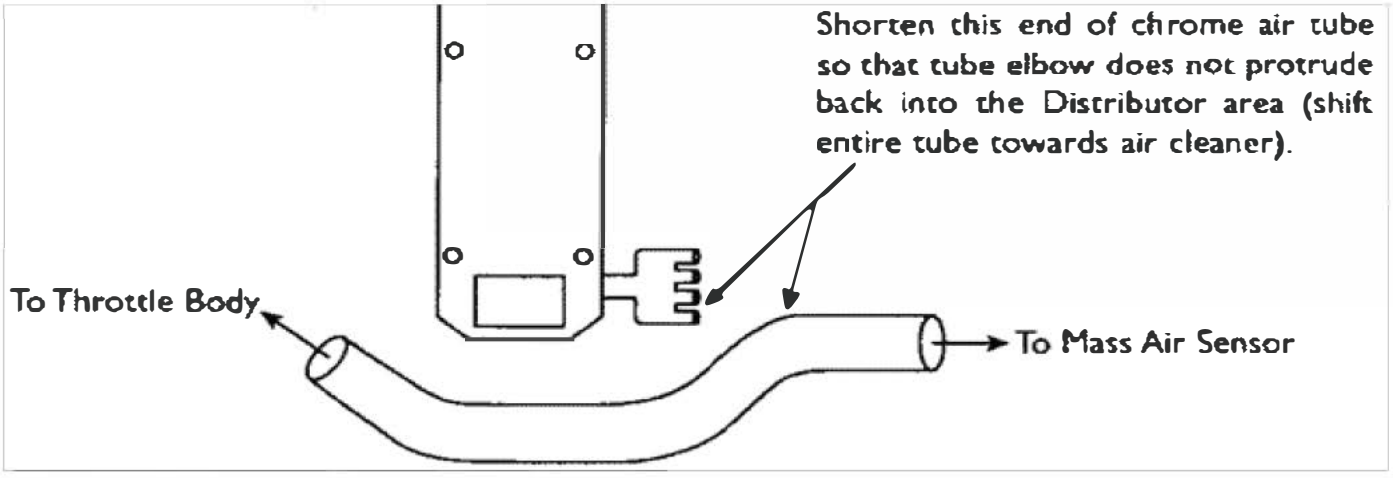


STEP 8

Connect the new air duct to the throttle body hose and MAS hose. Note: If the air duct is too long, trim (with a hacksaw) the end that attaches to the MAS, not the throttle body.



STEP 8 (CONTINUED)



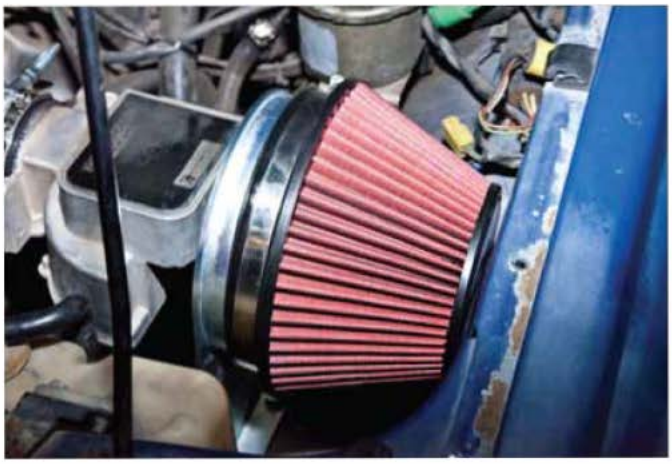
INSTALLATION INSTRUCTIONS

STEP 8 (CONTINUED)



STEP 9

Attach the new conical air cleaner to the back side of the air cleaner and tighten the clamp.



STEP 10

On 1988-1995 vehicles, attach the EGR hose to the plastic hose fitting installed in Step #5. Note: It may be necessary to purchase a new length of hose and/or fittings from a local parts store for connection between the EGR system and the Trail-Gear air cleaner on 1988-1995 vehicles.

STEP 11

Attach the MAS electical cord to the MAS.



STEP 12

Apply the provided C.A.R.B. decal to the underside of the hood.