

Kit # 1201210



*Owners Installation Guide for the  
Paxton Automotive  
NOVI 2000 Supercharger  
for the  
1994-2001 Dodge  
V-10 Truck*

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**T**his manual provides information on the installation, maintenance and servicing of the *Paxton* NOVI-2000 Supercharger kit expressly designed for the *1994-2001 Dodge V-10 truck*. Contact *Paxton* for information regarding these modifications at (805)604-1336 7:00 a.m.-3:30p.m. PST.

An understanding of the information contained herein will help novices as well as experienced technicians to correctly install and receive the greatest possible benefit from their *Paxton* Supercharger. When reference is made in this manual to a brand name, number or specific tool or technique, an equivalent product may be used in place of the item mentioned. All information, illustrations and specifications contained herein are based on the latest product information available at the time of the publication. The right is reserved to make changes at any time without notice.



**KIT P/N: 1201210**

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# Section 1.0

## INTRODUCTION

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**C**ongratulations! You have purchased the finest street supercharger available for the **1994-2001 Dodge V-10 truck**. The centerpiece of the kit is the highly efficient and reliable **PAXTON NOVI-2000** supercharger - a mechanically driven (by belt) centrifugal blower (supercharger).

This kit comes with all of the parts you'll need for a successful installation. The operations required have been grouped in order of sequence. Photos and drawings accompany the text, allowing quick orientation and parts identification.

Installation requires a selection of tools which are listed in a table at the end of this section.

We also suggest that you obtain a Dodge truck shop manual and become familiar with the details of your car's systems. Manuals may be obtained from your local Dodge dealer or you can order one from Helm Publications at (800) 782-4356.

For best results, follow the instructions closely and in sequence. The average installation time for this kit is 8-10 hours. Your actual installation time will depend on skill level and working conditions. The estimate does not include time for initial vehicle inspection, cleaning, fine tuning or troubleshooting. Before even picking up a wrench, *read this entire manual*. We are available for technical assistance at (805) 604-1336, 7 AM-3:30 PM Pacific Time.

After reading the manual, verify that all major assembly groups are present in the main kit box. You should have ample space to lay out the components. As you remove a box or bag from the main kit, note the identification label and compare it with the parts list. Please check the box for small parts.

Paxton makes every effort to insure that all parts are included in the box. However, if you discover

any missing or mislabeled parts, please contact Paxton by phone for service.

---

**\*\*\*\*\* WARNING \*\*\*\*\***

*DO NOT attempt installation if any part(s) are missing from this kit. Failure to contact Paxton prior to beginning installation will result in a charge for any missing parts.*

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Before starting the installation, we suggest your engine and engine compartment be clean. You can clean the engine and compartment with a pressure washer (such as those used at self-serve car washes) and a safe-for-aluminum cleaner/degreaser. Cover the distributor with a plastic bag to prevent water from entering.

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**\*\*\*\*\* CAUTION \*\*\*\*\***

*We do not recommend proceeding with the kit installation unless your vehicle is within normal operating parameters.*

---

You are undoubtedly enthusiastic about getting started on your project, but take just a little more time to insure that your safety is not jeopardized. A moment's lack of attention can result in an accident, as can failure to observe certain simple safety precautions. The possibility of an accident will always exist, and the following points should not be considered a comprehensive list of all dangers. Rather, they are intended to make you aware of the risks and to encourage a safety conscious approach to all work you do on your vehicle.

- Never rely solely on a jack when working under a vehicle. Always use approved jack-stands to support the vehicle and place them under the recommended lift points.
- When jacking the vehicle, make sure it is on a level surface, preferably concrete or asphalt. The transmission should be in

“PARK” or “FIRST”, the parking brake engaged, and the wheels blocked.

- Never start the car without first verifying that the transmission is in neutral and the parking brake is set.
- Never remove the radiator cap while the engine is still hot.
- Always wear eye protection when using power tools such as drills, saws, grinders, etc., or when working under a vehicle.
- Never smoke, use an open flame, or have spark-producing items around gasoline or flammable solvents. Always have a fire extinguisher rated for chemical and electrical fires handy when working on motor vehicles.
- Run engines only in a well ventilated area. Carbon monoxide, gasoline and solvent vapors are colorless, and sometimes odorless. These can asphyxiate or explode without warning.
- Always disconnect at least the (-) negative or ground terminal of the battery when doing any electrical, fuel system, or under-dash work.

We look forward to hearing from you, particularly if you have any comments or suggestions regarding this manual.

---

**NOTE:** *Throughout these procedures the word “discard” is used periodically in relationship to items that will no longer be utilized in conjunction with the supercharger installation. It is recommended that these items be saved for future use should it become necessary.*

---

## RECOMMENDED TOOLS FOR INSTALLATION:

9/16” Wrench  
3/8” Ratchet  
9/16” Socket 3/8” Drive  
5/8” Socket 3/8” Drive  
Pliers  
Hacksaw  
Wire Cutters  
13mm Socket 3/8” Drive  
10mm Socket  
Long Extension  
Wire Crimper/Strippers  
13mm Wrench  
Medium Extension  
Drill Motor  
1/8” Drill Bit  
13/64” Drill Bit  
1/4” Drill Bit  
5/16” Nut Driver or Slot Screwdriver  
1/4” Allen Wrench or Socket  
3/4” Socket  
8mm Wrench  
Hose Cutter or Sharp Knife  
#2 Phillips Screwdriver  
13mm Socket 3/8” Drive  
Air Chisel/Hammer  
Harmonic Balancer Puller  
Power Steering Pulley/Puller Installer

# Section 2.0

## INITIAL PREPARATION AND DISASSEMBLY

In this section, you will be preparing for the installation procedure by disconnecting the battery cables and removing and relocating a few pieces to make room for your new Paxton supercharger.

### 2.1 INITIAL DISASSEMBLY AND REMOVAL:

- A. With a 1/2" wrench, remove both battery cables.
- B. An 8mm wrench or socket is used to remove the battery hold-down. Lift the battery out of the tray and set it aside.
- C. Unclip the cruise control cable from the throttle body and mount if equipped. (See Fig. 2-a.)



Fig 2-a

- D. The tray is secured with two bolts and two nuts above and two more accessible from below. Use a 13mm socket with an extension, and raise the battery tray from the vehicle. (See Fig. 2-b.)

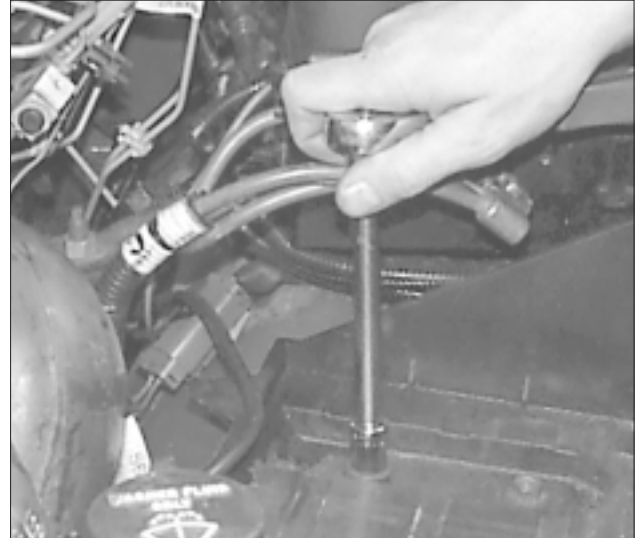


Fig 2-b

- E. Use a 10mm wrench and remove the cruise control actuator from the bottom of the battery tray. Later it will be modified and reinstalled. (See Fig. 2-c.).

\*\*\* NOTE \*\*\*

On some later model trucks, the factory relocated the cruise control actuator so this step will not need to be done.

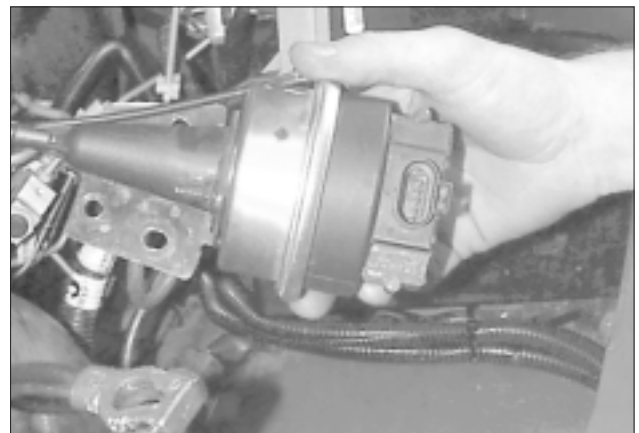


Fig 2-c

## 2.2 AIR INTAKE ASSEMBLY:

- A. Disconnect the plastic duct from between the air cleaner assembly and the air horn on the radiator core support (See Fig. 2-d.).

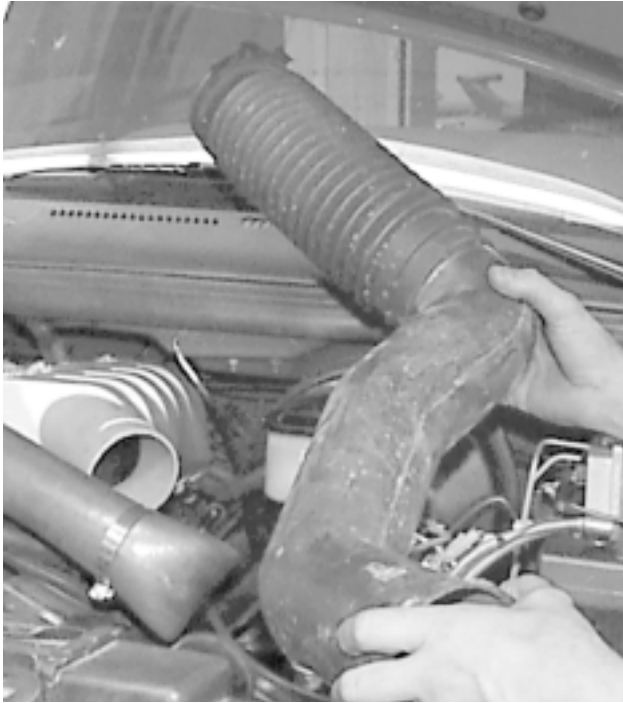


Fig 2-d

- B. There are two bolts securing the air horn to the core support. From the front of the core support, use a 10mm socket and remove the horn from the core support. You will have to bend the bracket in order to remove it. (See Fig. 2-e.)



Fig 2-e

- C. Unclip the air cleaner assembly from its base and remove it along with the air filter element. (See Fig. 2-f.)



Fig 2-f

- D. Use a 7/16" deep socket and remove the four nuts securing the air cleaner base to the throttle body.
- E. Pull the base away from the throttle body and disconnect the crankcase vent hose from it. Set it aside, it will not be reused. (See Fig. 2-g.)

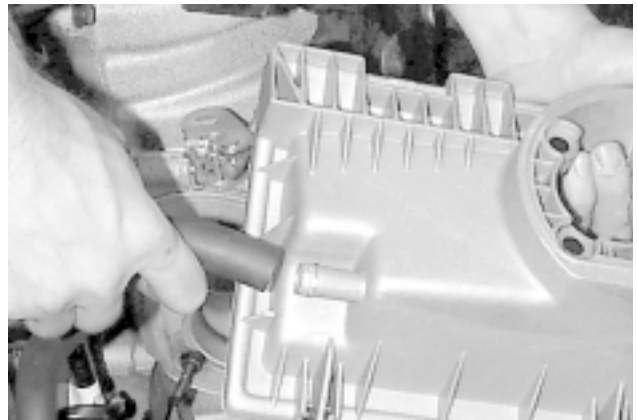


Fig 2-g

## 2.3 FAN AND FAN SHROUD:

### \*\*\*WARNING\*\*\*

Clean up any anti-freeze spillage immediately. Animals like the taste of coolant, and if ingested they can become very sick, and even die.

- A. With a pair of pliers, remove the lower radiator hose and drain the coolant from the vehicle. Replace the hose and re-secure with the factory clamp.



- B. Disconnect the upper radiator hose and fold it back out of the way.
- C. Unclip the window washer bottle from the shroud. Lift the bottle and disconnect the two plugs and the hose from the bottle. Set it aside. (See Fig. 2-h.)



Fig 2-h

- D. With a 36mm wrench or large crescent wrench, loosen the fan and remove it from the water pump. Set it into the fan shroud.

**\*\*\* NOTE \*\*\***

*This nut has right hand threads. (See Fig. 2-i.)*



Fig 2-i

- E. Remove the four screws securing the shroud to the radiator using a 10mm socket. Lift the shroud and fan out of the engine compartment together. (See Fig. 2-j.)



Fig 2-j

#### 2.4 POWER STEERING BRACKET:

- A. Use a 16mm wrench, turn the belt tensioner counter clockwise and remove the stock accessory drive belt. (See Fig. 2-k.)



Fig 2-k

- B. Follow the accompanying instructions with the power steering pulley puller/pusher and remove the power steering pulley. (See Fig. 2-l.)



Fig 2-l

- C. Use a 15mm socket and remove the three bolts securing the pump to the bracket. (See Fig. 2-m.)

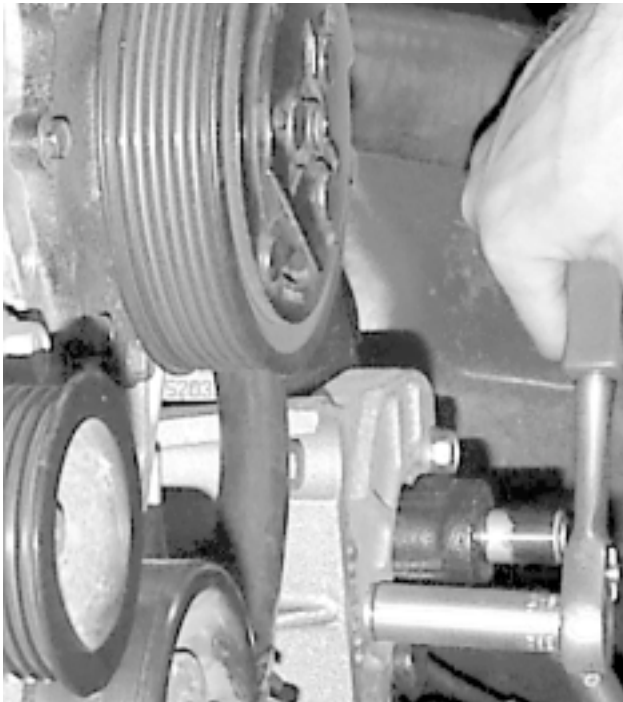


Fig 2-m

- D. With a 9/16" socket and extension, remove the four bolts that secure the power steering bracket to the engine. Do not disconnect the fluid lines.
- E. On the back of the pump, remove the two nuts with a 15mm wrench and the two bolts with a 12mm socket. Remove the bracket from the pump and lay the pump on the steering box. Grab the power steering pump with both hands. Bend the pressure line down until it is flat, as shown. (See Fig. 2-n.)

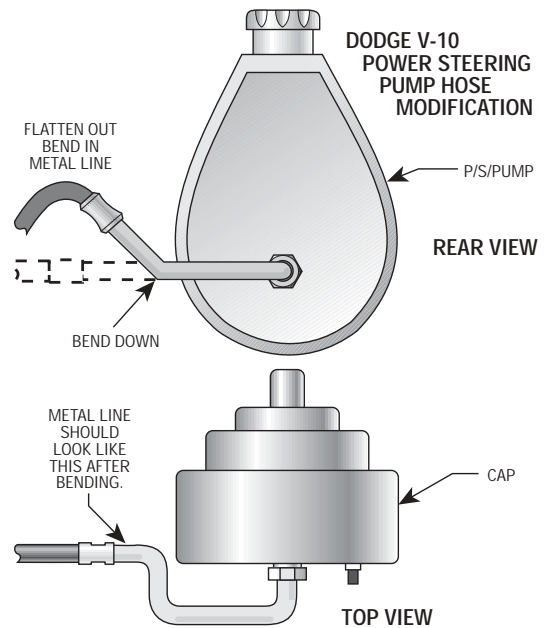


Fig 2-n

- F. Remove the bolt from the upper rod on the A/C compressor with a 1/2" socket. (See Fig. 2-o.)

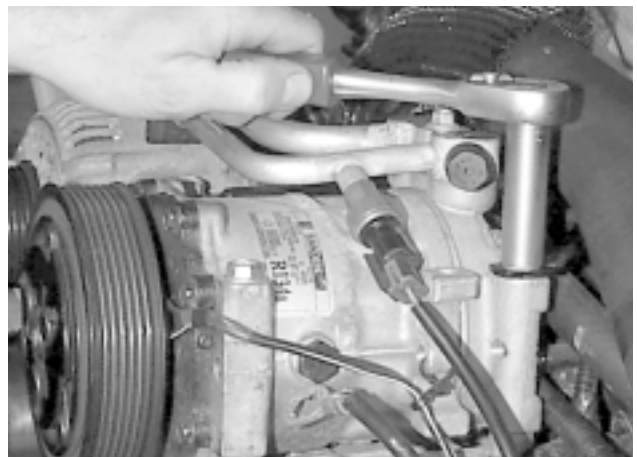


Fig 2-o

- G.** With a 9/16" socket, remove the four bolts securing the A/C bracket to the head. (See Fig 2-p.)

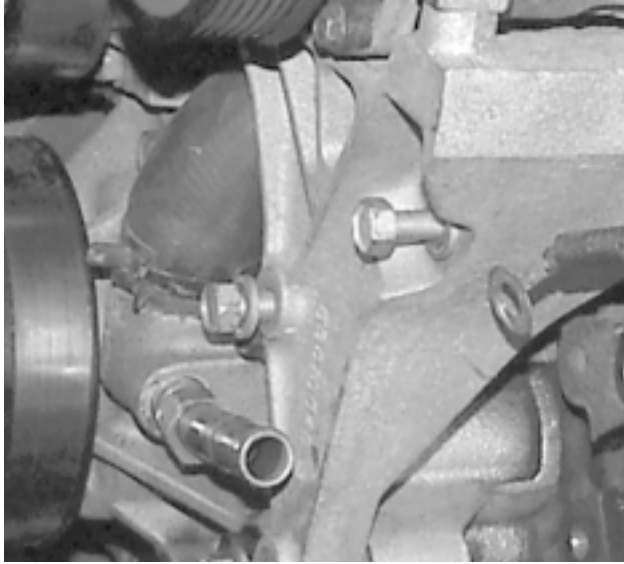


Fig 2-p

- H.** With a pair of pliers, disconnect the heater hose at the splice. Then, remove the hose at the nipple on the side of the water pump. (See Figs 2-q, 2-r.)

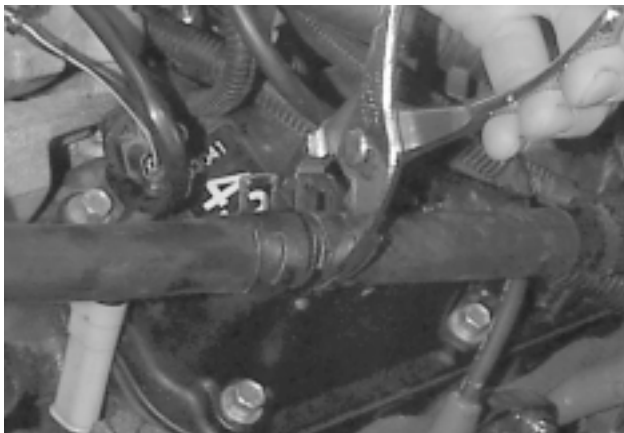


Fig 2-q



Fig 2-r

- I.** Lift the A/C bracket up and out of the way. Remove the long heater hose nipple from the water pump with a 3/4" wrench. (See Fig. 2-s.)

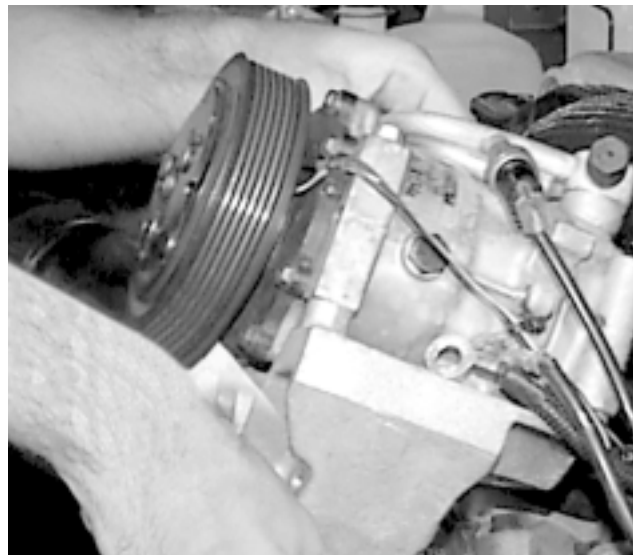
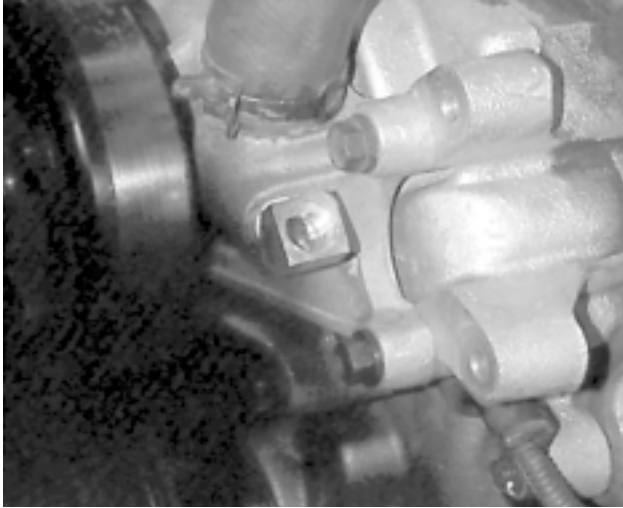


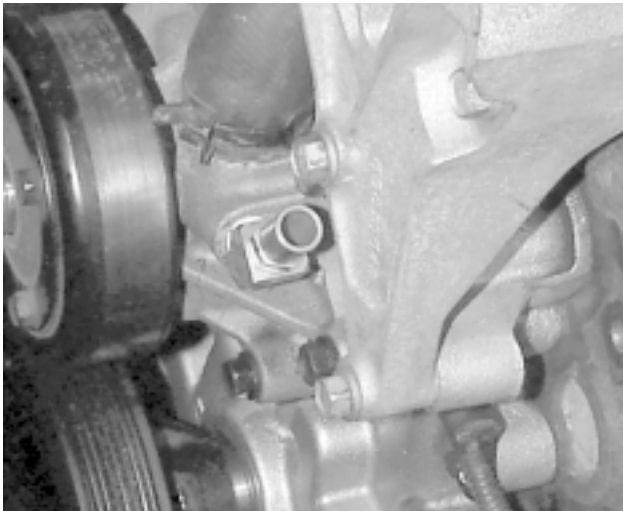
Fig 2-s

- J.** Install the 45° brass elbow into the water pump and tighten with a 13/16" wrench. Use Teflon tape and position as shown. (See *Fig. 2-t*.)



*Fig 2-t*

- K.** Install the brass nipple into the fitting installed in *step 2-t* with Teflon tape and tighten with a 5/8" wrench. (See *Fig. 2-u* and *Appendix M*.)



*Fig 2-u*

- L.** Reinstall the A/C bracket using the stock bolts. When resecuring the rod to the top of the compressor, secure the two ground wires previously secured to the power steering pump bracket. Install the wires between the rod and the compressor. (See *Fig. 2-v*.)



*Fig 2-v*

# Section 3.0

## SUPERCHARGER INSTALLATION AND ASSEMBLY

Now we start modifying various electrical and mechanical assemblies as well as beginning the supercharger installation.

**\*\*\*NOTE\*\*\***

On some later model vehicles, this step will not apply.

### 3.1 MODIFICATION AND INSTALLATION

- A. Modify the previously removed Cruise Control bracket as shown. (See Figs. 3-a, 3-b.) It is not necessary to remove the Cruise Control Actuator from the bracket.



Fig 3-a

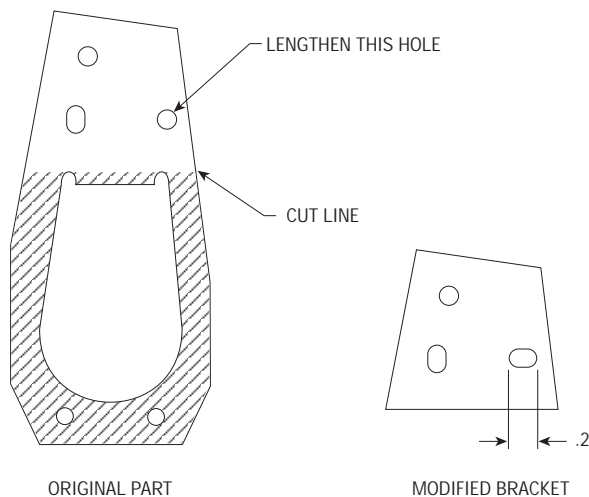


Fig 3-b

- B. Secure the cruise control to the two screws that secure the windshield wiper motor, near the firewall and the washer bottle. (See Fig 3-c.)

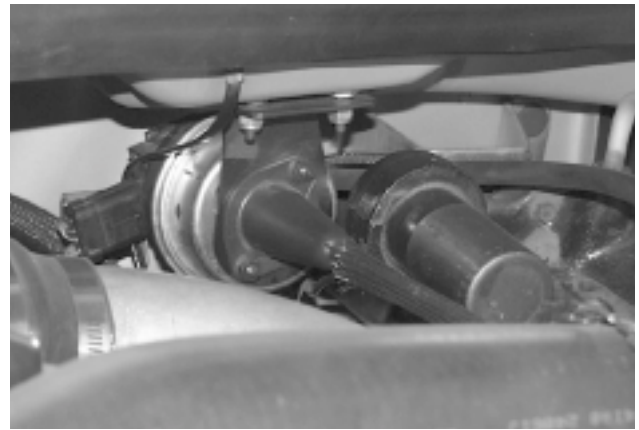


Fig 3-c

- C. Use the supplied wire, wire loom and butt connectors to extend the factory harness to the cruise control module. Cut off the plug leaving about 6" of wire.

### 3.2 WINDOW WASHER BOTTLE

- A. The washer bottle will be mounted on the passenger side firewall. The wire bracket must be bent in order for the bottle to clear the A/C line running across the firewall in that area. Bend an offset in the bracket, set it in place and mark the mounting holes. Use a 1/8" drill and drill the two mounting holes. (See Fig. 3-d.)



Fig 3-d

- B. Remove the pump and sensor from the factory washer bottle along with their grommets. Use a small amount of clear silicone and install the grommets in the new bottle so that the pump is positioned on the inboard side and the sensor is toward the passenger fender. Push the pump and sensor into their respective holes.
- C. Set the bottle in place and secure it to the firewall with the supplied sheet metal screws.

**\*\*\* NOTE \*\*\***

*To save a step, it is recommended at this time, to tap into the factory wiring harness for the additional injector driver. Refer to Appendix L for ECU pin location.*

- D. Near the brake master cylinder, separate the washer hose at the splice. Connect the supplied length of washer hose to the piece running to the wipers and route the other end to the pump.
- E. In the battery tray area, cut the electrical connectors for the pump and sensor off of the harness, leave at least 6" of length left with the connectors.
- F. Use the supplied lengths of wire, plastic loom and butt connectors to extend the harness back to the pump and sensor. (Appendix 'P')
- G. Route the harness extension back and along the firewall. Use the supplied plastic ties to secure it away from any hot or moving parts. (See Fig. 3-e.)

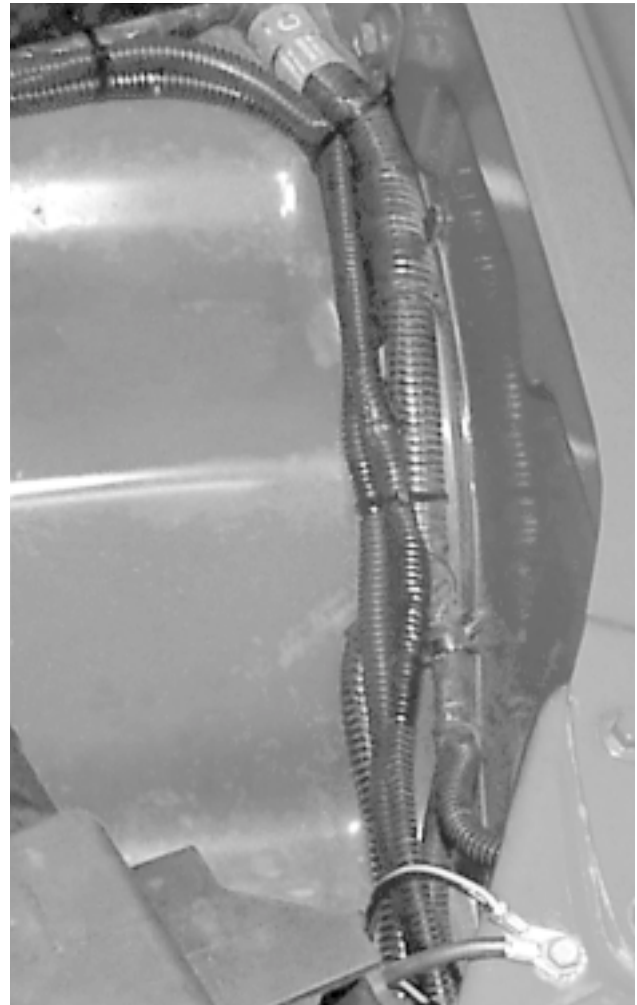


Fig 3-e

### 3.3 CRANK PULLEY:

- A. Using a 1-1/8" socket remove the large center bolt from the crank pulley.
- B. With an adequate puller, pull the crank pulley off of the crank shaft. (See Fig. 3-f.)

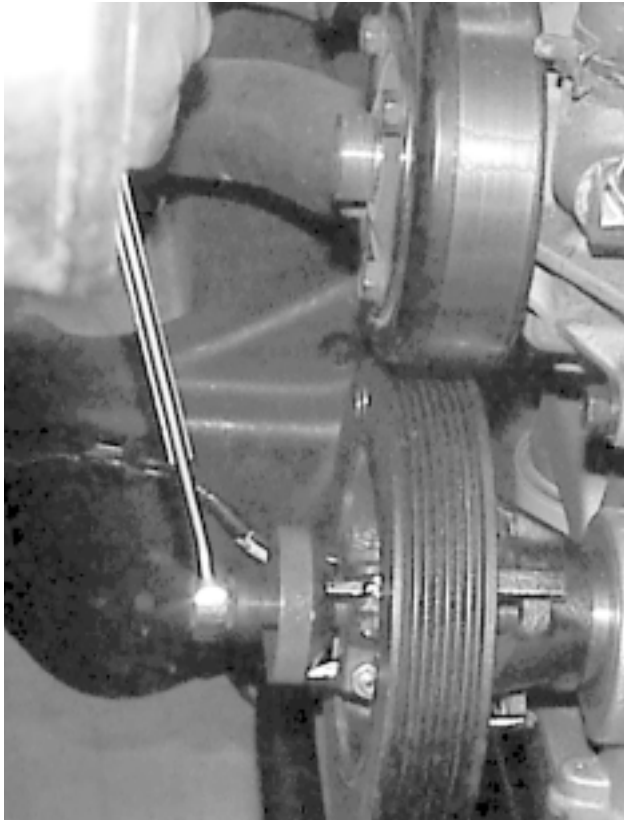


Fig 3-f

- C. Replace the stock crank pulley with the supplied re-machined pulley. Pull the pulley onto the crank shaft with the stock large center bolt.
- D. Remove the center bolt and place the new center hub into the middle of the crank pulley. Align the two dowel pins and secure with the longer supplied center bolt. Reuse the large washer from the factory center bolt. Torque the bolt to 150ft-lbs. (See Fig. 3-g, Appendix 'D')

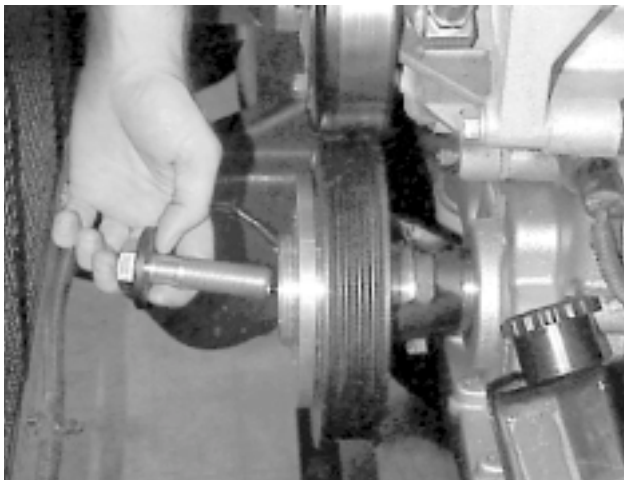


Fig 3-g

- E. Use a 9/16" socket and install the crank pulley on the adapter with the four 3/8" bolts. (See Fig. 3-h.)

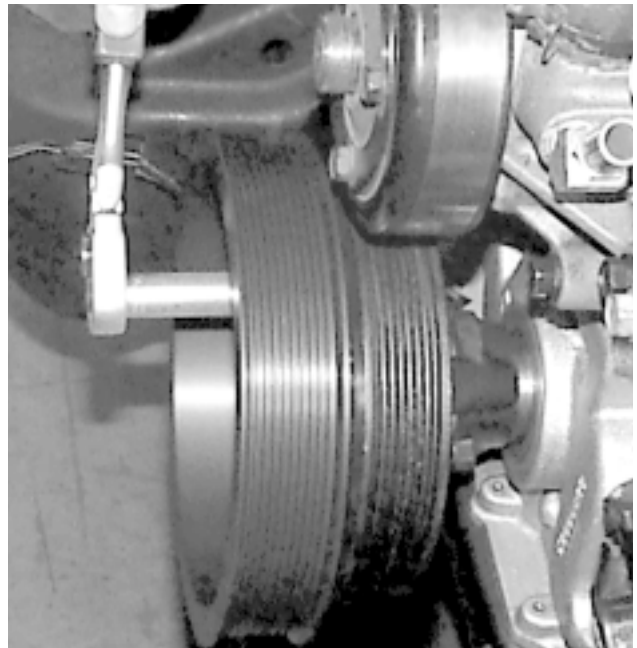


Fig 3-h

- F. Remove the current spark plugs and replace with copper plugs (AutoLite #5224 or equivalent) gapped at .035. *Do not use platinum spark plugs with the supercharger.*

### 3.4 SUPERCHARGER BRACKET:

- A. Install the backing plate to the front of the engine with one 3/8" x 1" bolt and a second 3/8" bolt as an alignment bolt as shown. Torque the first bolt to 28-30 ft/lbs. Remove the alignment bolt (See Fig. 3-i.)

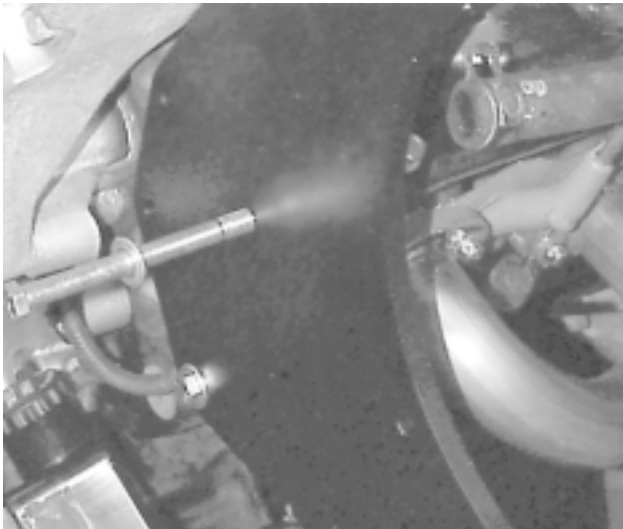


Fig 3-i

- B. Mount the power steering pump to the front plate using two of the stock bolts and two of the supplied countersunk bolts. (See Fig. 3-j.)

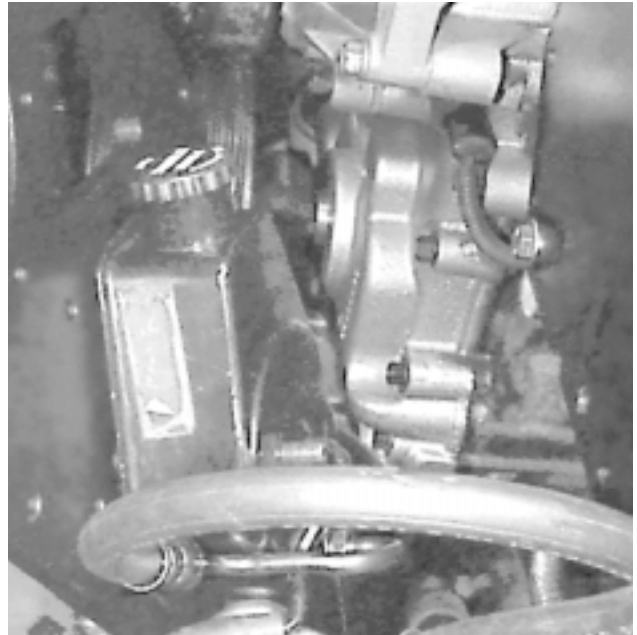


Fig 3-j



- C. Nine bolts secure the front plate to the rear plate. The longest bolt enters the lowest part of the bracket. The next three shorter bolts enter the bracket above and thread into the head. The next four enter the bracket to the side of the engine and thread into the rear plate. The last, shortest bolt enters the bracket through the counter-bored hole. Start all nine bolts before tightening them to 28-30ft-lbs. (See Fig. 3-k, Appendix 'C'.)



Fig 3-k

- D. Follow the supplied instructions and use the pulley pusher to re-install the power steering pulley. Use a small amount of anti-seize lubricant to ease installation. (See Fig. 3-l.)



Fig 3-l

- F. Cut off about 2" of heater hose where you disconnected it at the splice.
- G. Use the supplied section of hose and clamps to install the supplied heater tube as shown. (See Fig. 3-m, Appendix 'M'.)

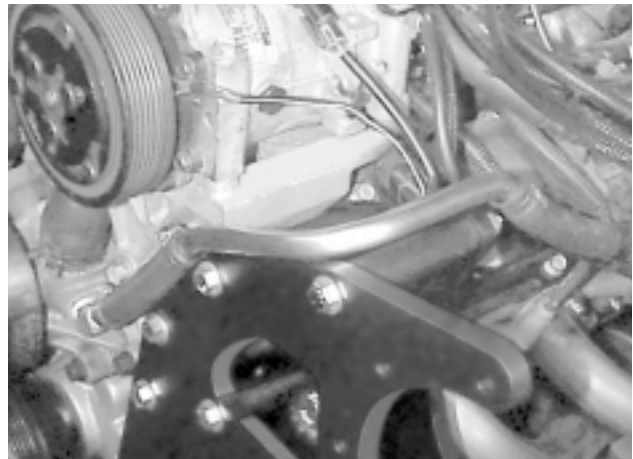


Fig 3-m

### 3.5 SUPERCHARGER INSTALLATION:

- A. Drain the oil from the engine. Save and reuse or dispose of properly.
- B. Follow the diagram and with the supplied punch, knock a hole in the side of the oil pan (see Fig. 3-n). Carefully drive the punch a small way into the pan, then check the hole size with the tap. Do this until the hole is the correct size for the tap. The hole should be approximately  $\text{Ø}9/16''$ .

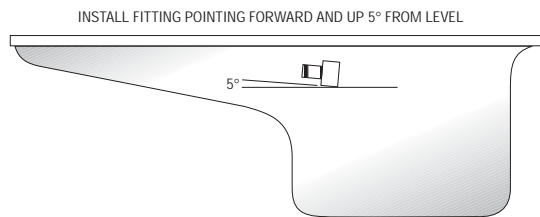
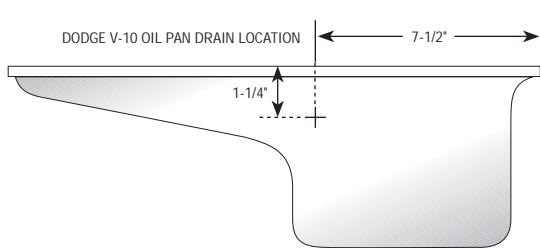


Fig 3-n

- C. Coat a  $3/8''$  pipe tap with grease and tap the hole. The grease will trap and hold the shavings. Using silicone, install the supplied  $90^\circ$  fitting in the side of the pan. Angle the fitting forward and slightly upward.
- D. Place but do not attach the supplied oil drain hose through the middle of the bracket as shown. (See Fig. 3-o.)

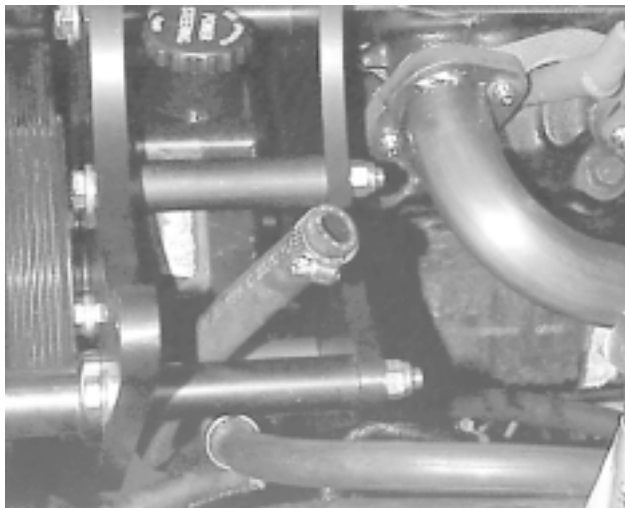


Fig 3-o

- E. Make sure that the power steering hose is up as high as possible against the bracket. (See Fig. 3-p.)



Fig 3-p

- F. Set the supercharger into the bracket and secure the oil drain hose to the fitting on the bottom of the supercharger with the supplied hose clamp. (See Fig. 3-q, Appendix 'K'.)

**\*\*\* NOTE \*\*\***

Make sure there are no dips or kinks in the oil drain line as this may effect supercharger life and reliability.

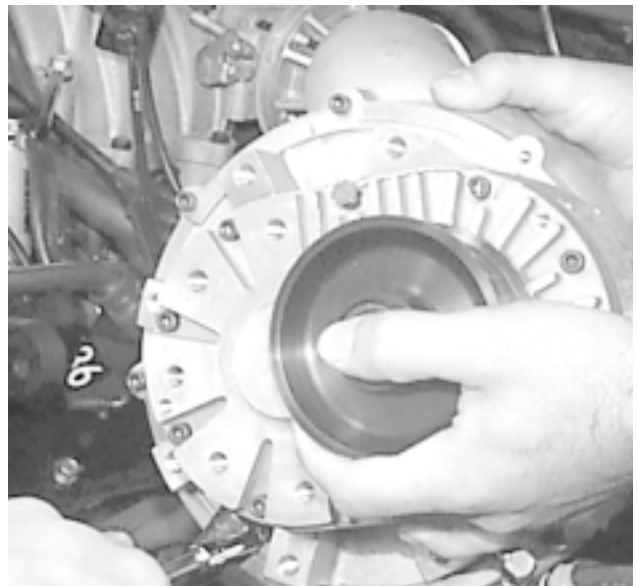


Fig 3-q

- G. Set the unit down into the bracket and secure it to the bracket with the 5 supplied 3/8-16 x 1.5" bolts, leave the third hole from the top open. (See Fig. 3-r; Appendix 'E'.)

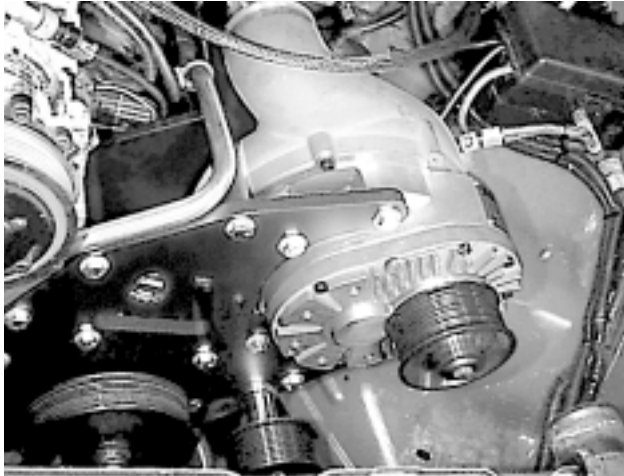


Fig 3-r

- H. From underneath the vehicle, secure the other end of the oil drain hose to the fitting on the oil pan with the supplied hose clamp.
- I. Install the supercharger belt tensioner mount to the front of the supercharger and the last open mounting hole in the front of the bracket, using supplied spacer. (See Fig. 3-s, Appendix 'F'.)

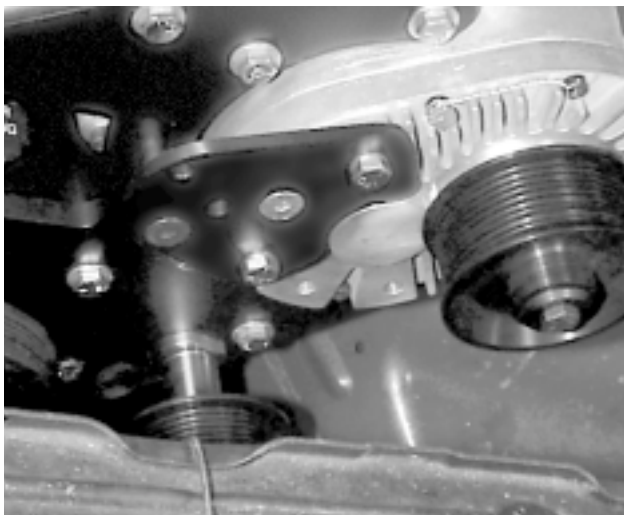


Fig 3-s

- J. Mount the supplied belt tensioner to the mount with the large bolt, nut and washer through the middle of the tensioner. (See Fig. 3-t.)

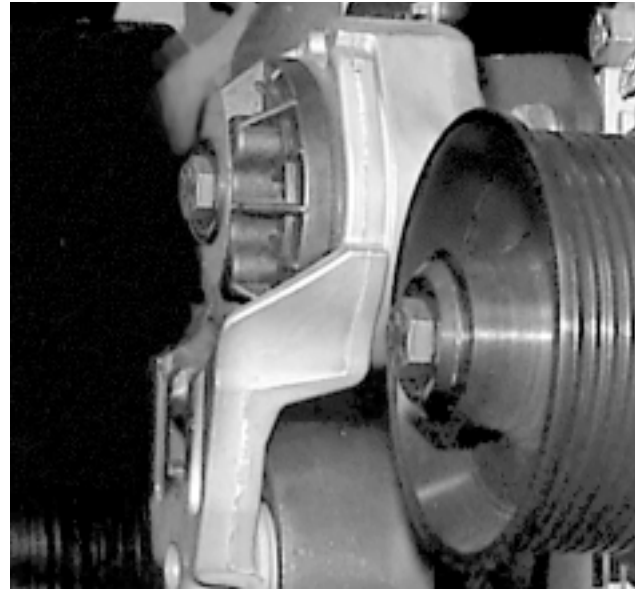


Fig 3-t

- K. On the passenger side of the engine, remove the factory oil pressure sensor located above the oil filter. Replace the sensor with the supplied street 'TEE'. Position the 'TEE' so that the sensor will reinstall into the 'TEE' at an angle pointing toward the smog pump. (See Fig. 3-u.)

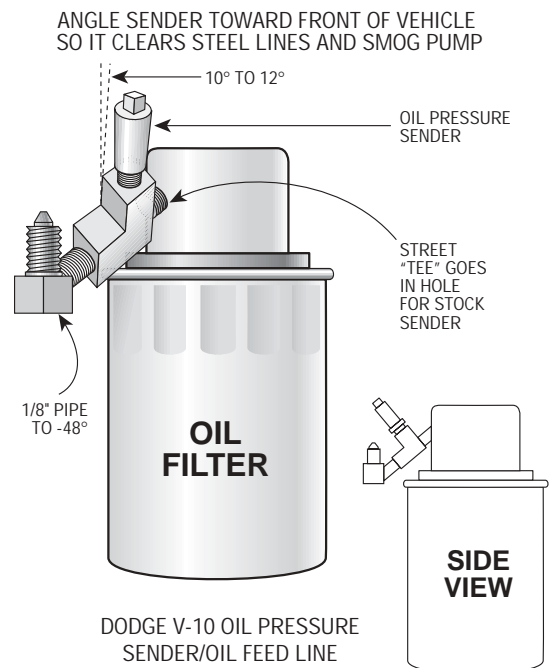


Fig 3-u

- L. Install the sensor and connect the supplied oil pressure hose to the last port on the TEE.
- M. Route the pressure line up and across the front of the engine behind the smog pump and alternator and over to the supercharger. Connect the line to the previously installed fitting leading to the oil jets in the supercharger. (See Fig. 3-v.)



Fig 3-v

- N. You can now install the drive belts. Follow the factory routing and install the accessory drive belt as it was removed.
- O. Install the supercharger drive belt using the supplied tensioning tool.

### 3.6 FAN AND SHROUD MODIFICATION AND INSTALLATION

- A. Screw the new fan spacer on the front of the water pump, snug by hand. (See Fig. 3-w.)



Fig. 3-w

- B. With a saws-all or jig saw, cut the tapered area off of the bottom of the fan shroud to gain fan clearance. (See Figs. 3-x, 3-y.)

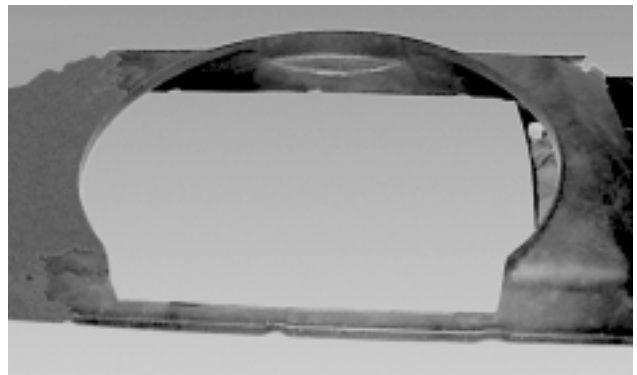


Fig. 3-x

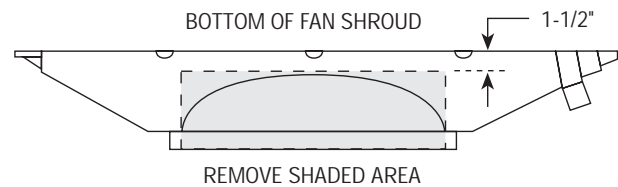


Fig 3-y

- C. Place the fan into the shroud and drop them both into the engine compartment together. Screw the fan with the new fan spacer and tighten with the 36mm wrench. This will tighten the spacer as well.
- D. Secure the fan shroud with the factory bolts.

### 3.7 AIR INTAKE ASSEMBLY

- A. With the clamps on the intake tube loose, slip the tube in behind the supercharger from above, it will go through the "loop" in the power steering hose. Secure the tube to the inlet in the center of the supercharger, rotate the tube so that it follows the contour of the inner fender and tighten the clamps. (See Fig. 3-z, Appendix 'E'.)



Fig. 3-z

- B. On the air intake assemble, slip the supplied length of flex hose on the end of the intake tube about 2" and tighten the clamp. (See Fig. 3-aa.)

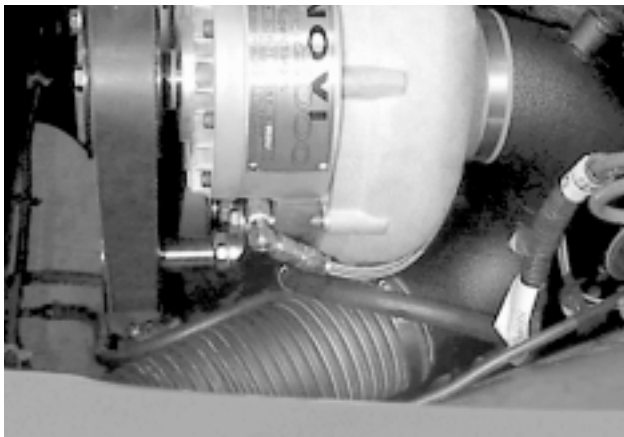


Fig. 3-aa

- C. With a 10mm socket, remove the screw from the upper radiator mount. Secure the bracket on the top of the air filter to the radiator mount with the stock screw. (See Fig. 3-bb.)



Fig. 3-bb

- D. Connect the rubber elbow on the air filter assembly to the flex hose. Route the 1/2" vent hose under the flex hose and up to the rear of the valve cover. Connect the vent hose to the nipple in the valve cover and tighten the clamp. Connect the other end of the hose to the plastic elbow in the air filter. (See Appendix 'E'.)

### 3.8 AIR DISCHARGE ASSEMBLY

- A. Secure the throttle body adapter flange to the throttle body on the factory studs with the stock nuts and gasket. (See Fig. 3-cc, Appendix 'H'.)



Fig 3-cc

- B. Install the discharge tube between the adapter flange and the outlet of the supercharger. Adjust the turbo sleeves and tighten all the clamps. (See Fig. 3-dd.)

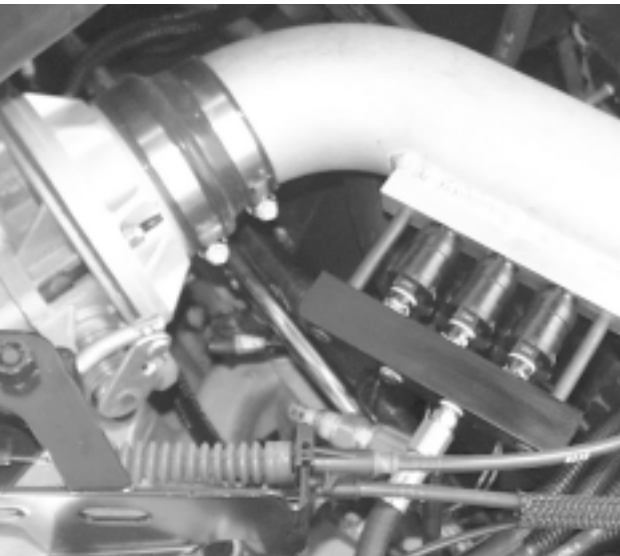


Fig 3-dd

- C. Between the 1" nipples on the intake and discharge tubes, install the compressor bypass valve with the supplied sections of hose and clamps. The bottom of the diaphragm in the valve should be facing the discharge tube.

- D. Route the supplied length of vacuum hose from the valve, across the engine and with the supplied TEE, connect it to the vacuum nipple on the front of the upper intake manifold. (See Fig. 3-ee.)



Fig 3-ee

- E. Route the fuel line from the discharge tube fuel rail to the passenger side fuel rail, being careful to avoid any potentially hot surfaces.
- F. Fuel system is under pressure. Relieve pressure by depressing on the Schraeder Valve Core, using a small pen or screwdriver.
- G. Remove the Schraeder Valve from the passenger side fuel rail and connect the fuel line from the discharge tube assembly to the fuel rail.

### 3.9 FUEL SYSTEM MODIFICATION

- A. Open the driver's door, remove the plastic trim across the bottom of the door jam and lift the carpet.
- B. From under the vehicle, align the fuel system mounting plate (Assembly #1020101) Appendix "I" to the underside of the floor pan so that the notched out section surrounds the parking brake cable. (See Fig. 3-ff.)

**\*\*\*NOTE\*\*\***

On some later model vehicles, you may have to move the F/P mounting plate forward for best fuel hose routing.

V-10 DODGE FUEL SYSTEM MOUNTING PLATE  
(Looking at underside of driver's floor)

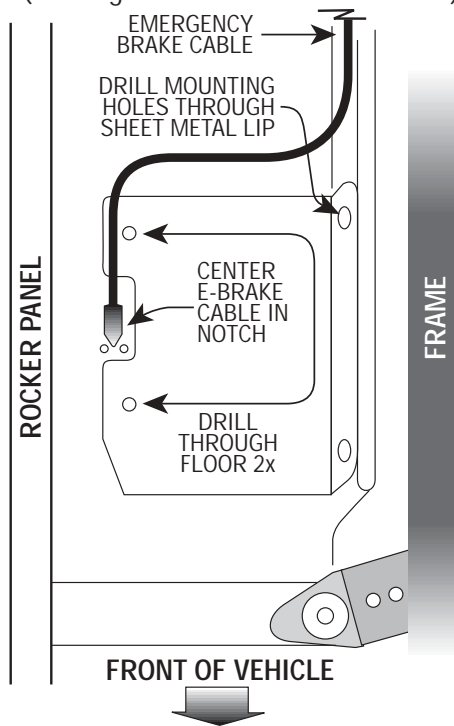


Fig 3-ff

- c. Mark and drill the mounting holes with a 1/4" drill.
- d. Secure the auxiliary fuel system to the floor pan with the supplied hardware. Re-install the carpet and plastic trim in the door jam. (See Appendix 'I'.)
- e. From underneath the vehicle, take the two fuel lines from the auxiliary fuel system and thread them above the frame rail toward the fuel line.

- f. Disconnect the factory fuel line from the fitting. Connect the Auxiliary Fuel system to the Factory Fuel line. (See Fig. 3-gg.)

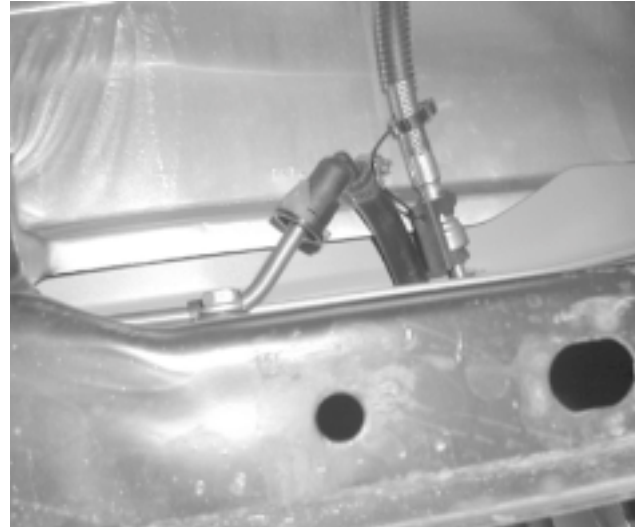


Fig 3-gg

### 3.10 BATTERY AND RADIATOR WRAP UP

- A. Re-install the factory battery tray in the stock location with the stock nuts and bolts.
- B. Install the battery with the factory hold-down. Reconnect the cables
- C. Connect the new upper radiator hose extension to the end of the factory radiator hose and to the radiator. Secure with the supplied clamps. (See Fig. 3-hh.)
- D. Fill the radiator with the fluid drained in the beginning of the installation.

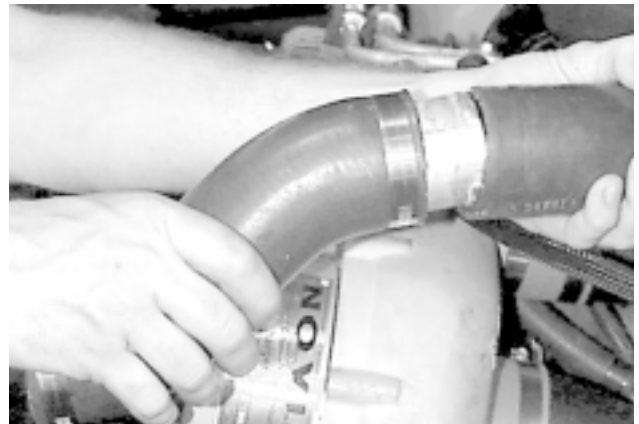


Fig. 3-hh

### 3.11 AICU RELAY INSTALLATION INSTRUCTIONS

- A. Locate a suitable location in the passenger compartment on the driver's side of the vehicle. Under the dash, attach the AICU and the RPM signal box using nylon wire ties.
- B. Attach both of the red power wires from the AICU and the RPM signal box to terminal #87 on the supplied relay using the connectors provided.
- C. Attach both the black ground wires of the AICU and the RPM signal box to the fuse box ground using the ring terminals provided
- D. Using the provided butt connectors, connect the yellow/black wires of the RPM signal box to the yellow/black wire on the AICU controller.
- E. Locate the black ECU plug on the factory ECU. Attach the grey/black wire from the RPM signal box to pin #8 on the factory ECU. (Refer to *Appendix Q.*) (See *Fig. 3-ii.*)



*Fig 3-ii*

- F. Route the RPM signal wire across the firewall and into the driver's compartment and connect it to the grey/black on the RPM signal box using the connectors provided.
- G. Run the AICU injector plugs through the grommet that would normally be used for the clutch cable. Route the injector plugs to the supplemental injectors located in the discharge tube. Route the wires away from hot or sharp objects and secure with nylon wire ties.

\*\*\* **NOTE** \*\*\*

*The wires and injectors are connected in no particular order*

- H. Using the vacuum hose and TEE's provided, connect one end of the vacuum hose to the AICU and route the hose through the firewall and TEE into the vacuum/boost hose going to the bypass valve.
- I. Recheck all of the wire connections. We recommend that you solder all wire connections. If you do not have access to a soldering gun you can use the connectors that are provided.



*Fig. 3-jj*

- L. Using the AICU relay as a template, drill a .138 diameter hole in the firewall (*Fig 3-kk.* shows the approximate location). Mount the supplied relay using the self-tapping screw provided.



*Fig 3-kk*

- M. There are two sets of wires leading from the relay. Take the longer set of two wires and route them down and along the bottom frame rail and to the auxiliary fuel system. Attach them to the fuel pump, red to positive and black to negative. (See *Fig 3-ll.*)



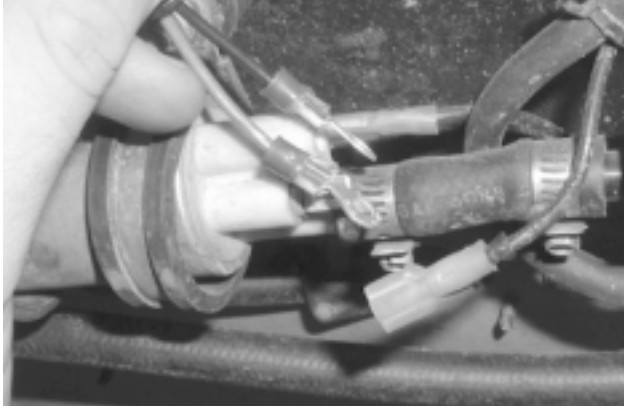


Fig 3-ll

- N. The set of three wires will run to the fuse box. Route them along the frame and firewall to the fuse box. (See Fig 3-mm.)

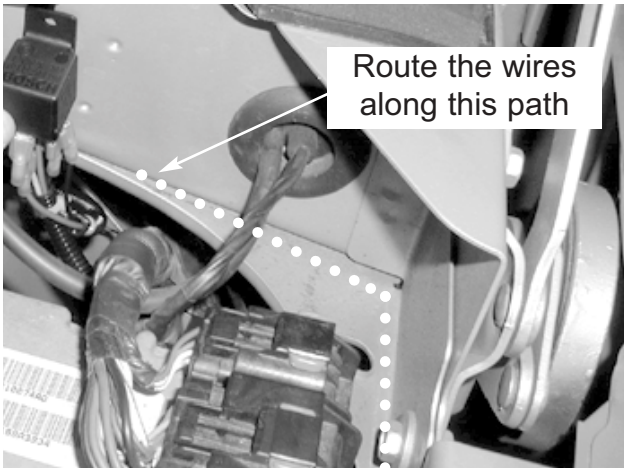


Fig 3-mm

- O. Attach the trigger wire (from the relay) to the solid blue wire [switched 12v] (from the wiring harness directly in front of the fuse box terminals) with the provided quick connector. (See Fig. 3-nn.)

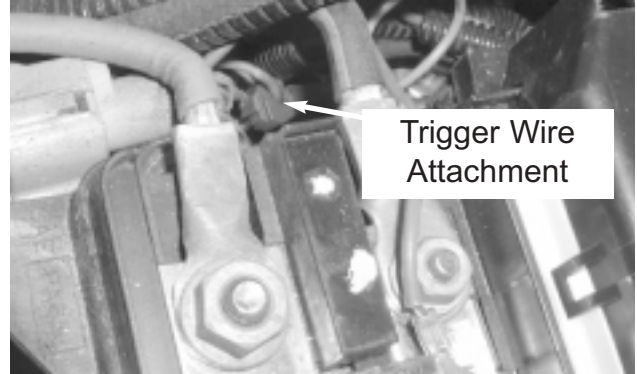


Fig 3-nn

- P. Attach the ground and power wires from the relay to the Fuse Box, red to positive, black to negative. (See Fig. 3-oo.)

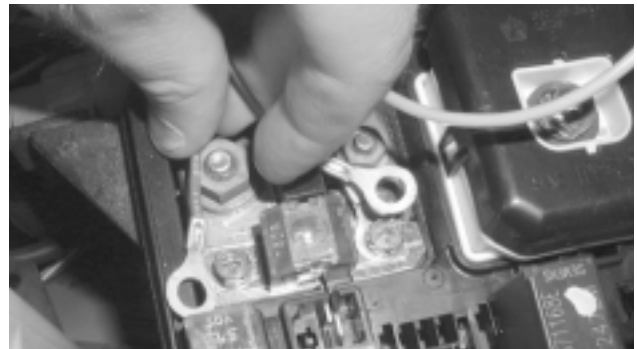


Fig 3-oo

Here is your finished engine. Please take the time to do a final check-out. Make sure all of the items are properly tightened, and that you have refilled your oil and coolant to proper levels. Finally, take care driving until you have learned the new feel of your vehicle. It has more power now, and will handle differently on the road.



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# Section 4

## FINAL CHECK-OUT AND START-UP

---

**T**his section covers pre-start checks and inspections, as well as initial start-up. **Your vehicle is now a high performance truck. Be sure to use only premium high octane fuel from now on.**

### 4.1 INSPECT THE FOLLOWING:

- a. Wires, harnesses and electrical connections. Are all items properly dressed, connected and secured?
- b. Hoses, lines and fittings. Are all items properly dressed, connected, and secured?
- c. Fasteners, brackets, and clamps. Are all items properly installed and tightened?
- d. Fluid levels. Are the radiator coolant and engine oil at their proper levels? Are there any fluid leaks?
- e. Belt(s). Is the serpentine drive belt (or accessory drive and supercharger drive belts, depending on requirement of your vehicle) properly installed, aligned and tensioned?

### 4.2 PERFORM THE FOLLOWING:

- a. Cycle the ignition key from “OFF” to “ON” position three (3) times at fifteen (15) second intervals. Afterwards, check the entire fuel system for any leaks.
- b. Start the car. Verify that the oil pressure is within the normal operating range. Listen closely. The engine should idle and sound the same as it did before you began the installation.
- c. Allow the engine to come up to normal operating temperature. Bleed the cooling system and top off as necessary.

### 4.3 CHECK FOR THE FOLLOWING:

- a. FLUID LEAKS.
- b. FLUID LEVELS.
- c. BELT SLIPPAGE.
- d. THROTTLE RESPONSE.

---

**\*\*\*CAUTION\*\*\***

See the supercharger service manual included in your kit for information on supercharger servicing and maintenance, belt tightening, troubleshooting, special tuning, and warranty information.

---

Now that the work is done, it's time to enjoy your labor of love. Take the car out on the road and let it flex its muscles, but remember, the response and performance will now be different from that to which you have been accustomed. *Have fun!*

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# Appendix

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**Please understand that PAXTON Automotive is constantly improving the performance and look of the NOVI 2000 supercharger. Parts in your kit may appear differently than what is pictured in this manual. This is due to photographs taken in pre-production, a change in material, or an improvement in performance.**

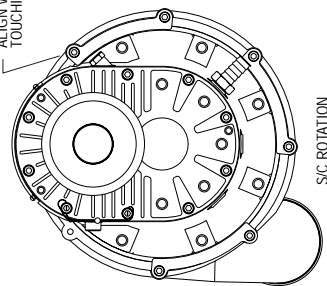
**Rest assured that you have purchased to best quality kit that PAXTON Automotive manufactures at this time. The installation of the materials will remain the same.**

### List of Appendices

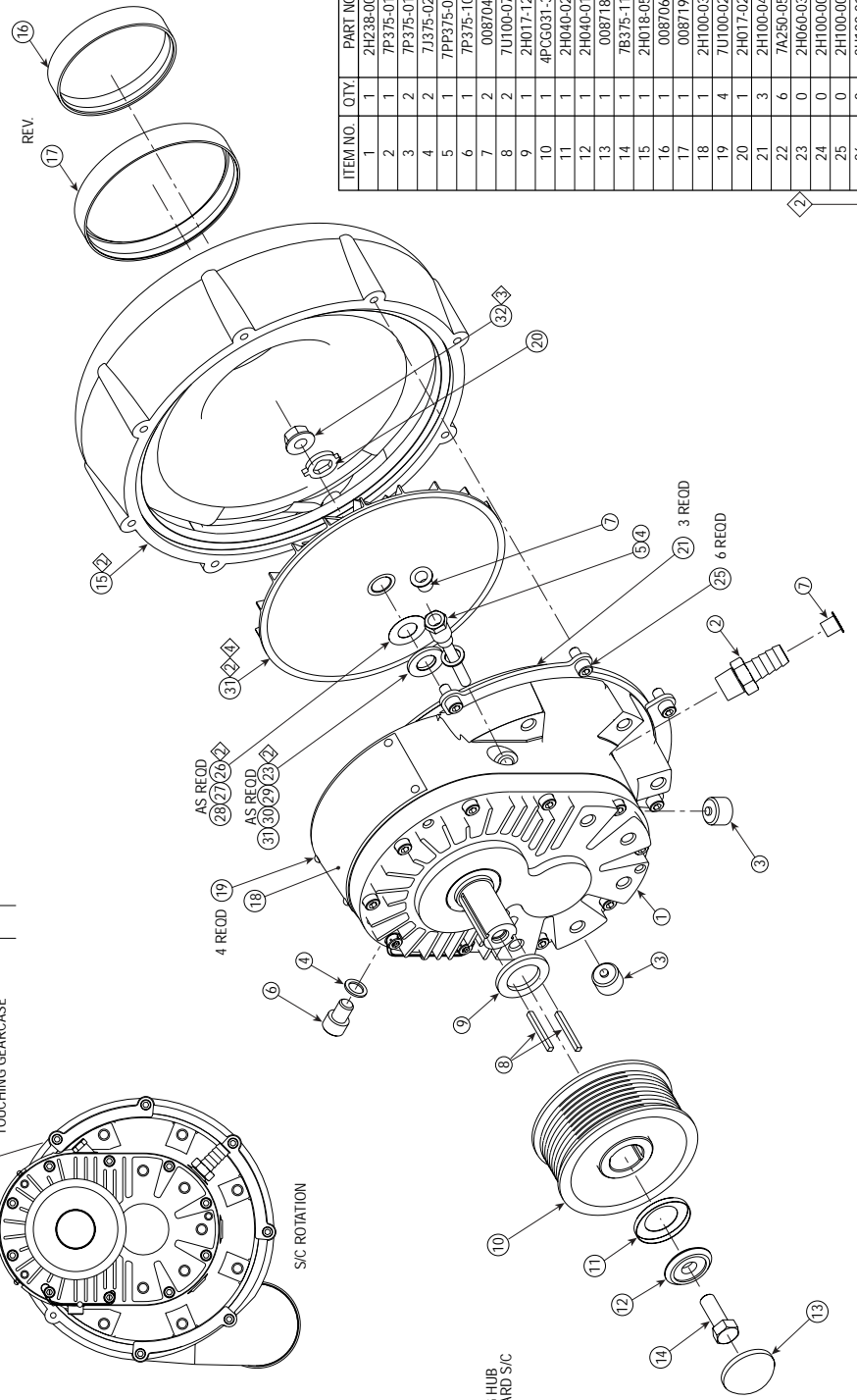
Appendix Number.....	DWG Number.....	Rev.....	DWG Title
A	1201210	G	KIT, 1993-01 DODGE RAM V10
B	1019520	C	ASY, S/C NOVI 2000 REAR DISCHARGE
C	1019602	E	ASY, S/C MOUNTING BRACKET
D	1019701	C	ASY, CRANK PULLEY
E	1019810	C	ASY, AIR INTAKE
F	1019603	D	ASY, SPRING LOADED TENSIONER
G	1015512	NC	ASY, COMPRESSOR BYPASS VALVE
H	1019910	E	ASY, AIR DISCHARGE, FUEL ENRICHMENT
I	1020101	G	ASY, AUXILIARY FUEL SYSTEM
J	1016031	B	ASY, FUEL ENRICHMENT
K	1019313	E	ASY, S/C OIL SUPPLY HOSE
L	1019314	D	ASY, S/C OIL RETURN HOSE
M	1020350	B	ASY, HEATER HOSE RELOCATION
N	1020360	B	ASY, RADIATOR HOSE EXTENSION
O	1020450	B	ASY, CRUISE CONTROL RELOCATION
P	1020550	C	ASY, WASHER BOTTLE RELOCATION

D  
E

ALIGN WITH CLAMP  
TOUCHING GEARCASE



LONG HUB  
TOWARD S/C



REV.  
17

16

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	2H238-000	GEARCASE ASY,NZK,CW,SAT
2	1	7P375-017	FTG,NIPPLE,3/8NPT X 1/2 HOSE BARB
3	2	7P375-016	FTG,PLUG,3/8NPT WITH MAGNET
4	2	7J375-024	WASHER,COPPER CRUSH
5	1	7PP375-090	OIL JET, LONG
6	1	7P375-104	SCREW,SGHD,3/8-16UNC-2A X 1.00
7	2	008704	CAP SHIPPING,T2
8	2	7U100-075	KEY,1/8 SO. X 1.25 LG.
9	1	2H077-125	SPACER,PULLEY,.125 THK.
10	1	4PCG031-350	PULLEY,S/C 10 GRV,3.50
11	1	2H040-021	RET,CUP BLWR,PULLEY
12	1	2H040-011	PULLEY RETAINER,S/C
13	1	008718	CAP,TAMPER PROOF
14	1	7B375-110	SCREW,HXHD,3/8-24UNF-2A X 1.00
15	1	2H018-051	VOLUTE,MACH,CURV,NZK
16	1	008706	CAP SHIPPING,3"
17	1	008719	CAP SHIPPING,4"
18	1	2H100-035	NAMEPLATE NOVI 2000
19	4	7U100-021	DRIVE SCREW #4 X .187 GR5
20	1	2H077-021	WASHER,ANTI-ROTATION
21	3	2H100-045	CLAMP,VOLUTE
22	6	7A250-050	SCREW,SGHD,1/4-20UNC-2A X .50
23	0	2H060-030	MATING RING,.090 THK.
24	0	2H100-003	SHIM,IMP,.003 THK.
25	0	2H100-005	SHIM,IMP,.005 THK.
26	0	2H100-010	SHIM,IMP,.010 THK.
27	0	2H060-031	MATING RING,.099 THK.
28	0	2H060-040	MATING RING,.103 THK.
29	0	2H060-041	MATING RING,.112 THK.
31	1	2H021-211	IMPLR,BAL,NOVI2K,COW
32	1	7F375-024	NUT,IMP,3/8 LH SL,6PT
23	1	2H060-030	MATING RING,.090 THK

UNLESS OTHERWISE SPECIFIED  
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DECIMALS: .XXX±.005  
FRACTIONS: ±1/2"  
ANGLES: ±1/16

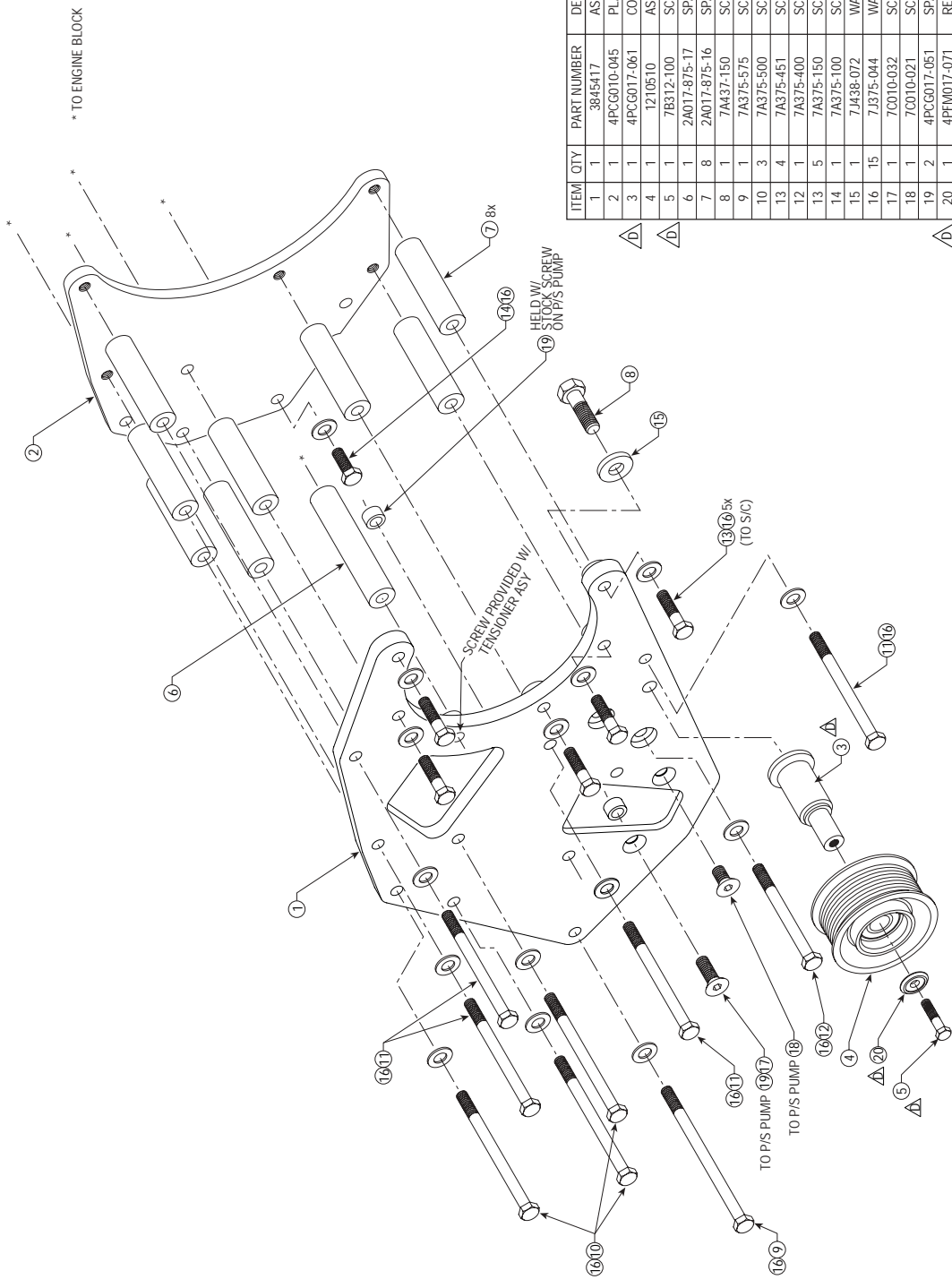
NOTE: UNLESS OTHERWISE SPECIFIED  
1. ALL PARTS TO BE SUITABLY PROTECTED AT ALL TIMES TO PREVENT DAMAGE.  
2. SHIM IMPELLER TO .031 WORKING HEIGHT USING ITEMS 23, 24, 25, 26, 27, 28, AND 29(FLOOR STOCK) AS REQUIRED.  
3. TORQUE TO 36 FT-LBS.  
4. HEAT TO 200-F TO EASE ASSEMBLY.

1300 BEACON PLACE OXNARD, CA 93033  
TEL: (805) 604-1336 FAX: (805) 604-1337

93-01 DODGE V-10  
ASY,S/C NOVI 2000  
FORWARD ROTATION, 93-01 V-10, SATIN

SCALE: 3:4 DO NOT SCALE DRAWING SHEET 1 OF 1

REV. E



PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	3845417	ASY, PLATE S/C MTG DODGE V10 W/ NOVI W/ SPACERS
2	1	4PC0010-045	PLATE, REAR MTG DODGE V10 W/ NOVI
3	1	4PC0017-061	COLLAR, STEP TO GRV W/ 7/16 THD DODGE V10 W/ NOVI
4	1	1210510	ASY, PULLEY IDLER TO GRV 3.25 P DI
5	1	7B312-100	SCREW, 5/16-24 X 1.00 HXHD SST, w/NOVLOK
6	1	2A017-875-17	SPACER, S/C MTG BRKT, 875 O.D. x 4.447 LG x .406 I.D.
7	8	2A017-875-16	SPACER, S/C MTG BRKT, 875 O.D. x 3.343 LG x .406 I.D.
8	1	7A437-150	SCREW, 7/16-14 x 1.50 LG HXHD GR8
9	1	7A375-575	SCREW, 3/8-16 x 5.75 LG HXHD GR8
10	3	7A375-500	SCREW, 3/8-16 x 5.00 LG HXHD GR8
11	4	7A375-451	SCREW, 3/8-16 x 4.50 LG HXHD GR8
12	1	7A375-400	SCREW, 3/8-16 x 4.00 LG HXHD GR8
13	5	7A375-150	SCREW, 3/8-16 x 1.50 LG HXHD GR8
14	1	7A375-100	SCREW, 3/8-16 x 1.00 LG HXHD GR8
15	1	7J438-072	WASHER, FLAT, HEAVY DUTY 7/16 x 15/16 x 7/64 THK
16	15	7J375-044	WASHER, FLAT 3/8", 13/16 O.D. x 1/16 THK
17	1	7C010-032	SCREW, 10mm x 1.5 x 30mm FLHD SOC
18	1	7C010-021	SCREW, 10mm x 1.5 x 20mm FLHD SOC
19	2	4PC0017-051	SPACER, 5/8 x .357 LG x .406 I.D.
20	1	4PFM017-071	RET IDLER PULLEY

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ANGLES: ±1/16"

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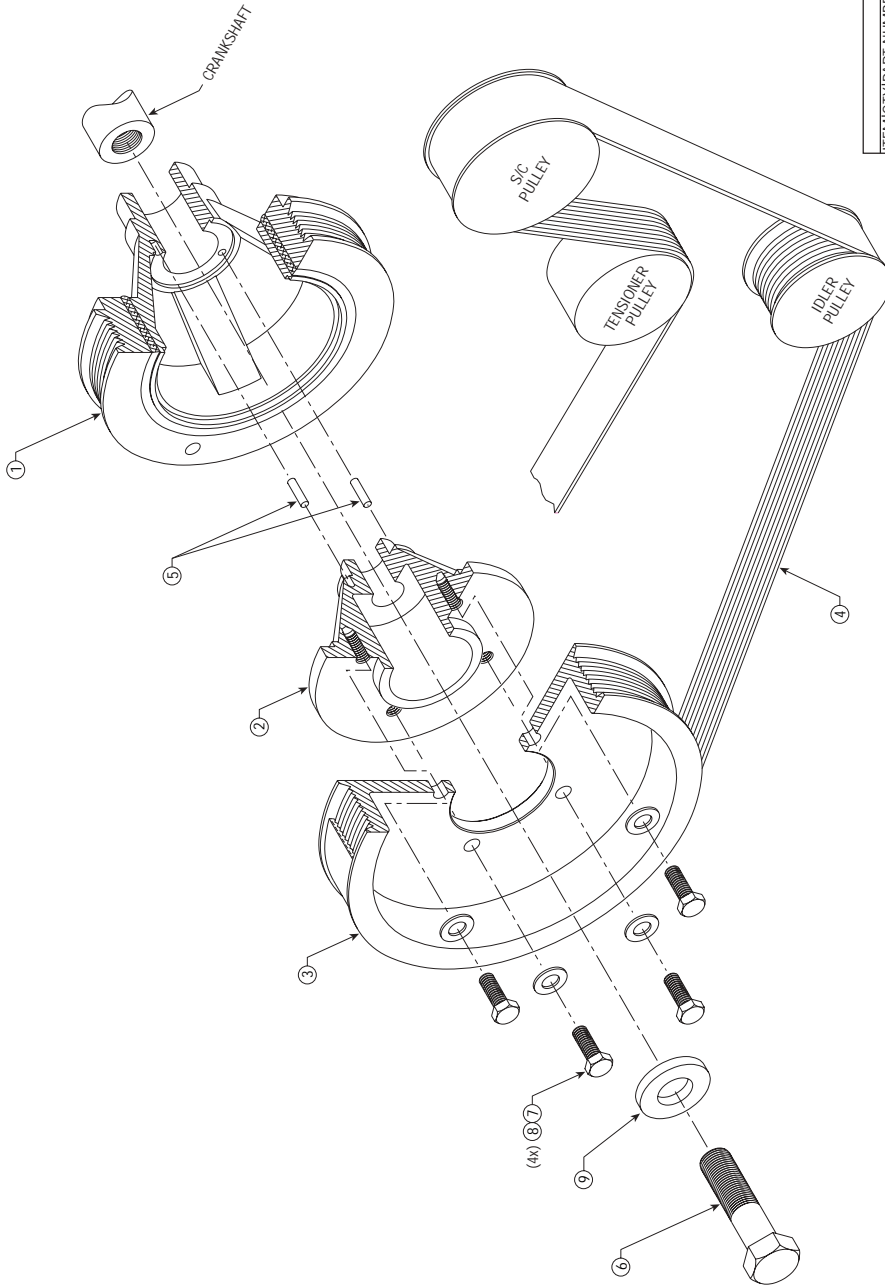
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ENGINEERING	-----
R&D	-----
APPR.	-----
WEIGHT	-----

1300 BEACON PLACE OXNARD, CA 93033  
TEL: (805) 604-1336 FAX: (805) 604-1337

93-01 DODGE RAM V10 W/NOVI  
SUPERCHARGERS

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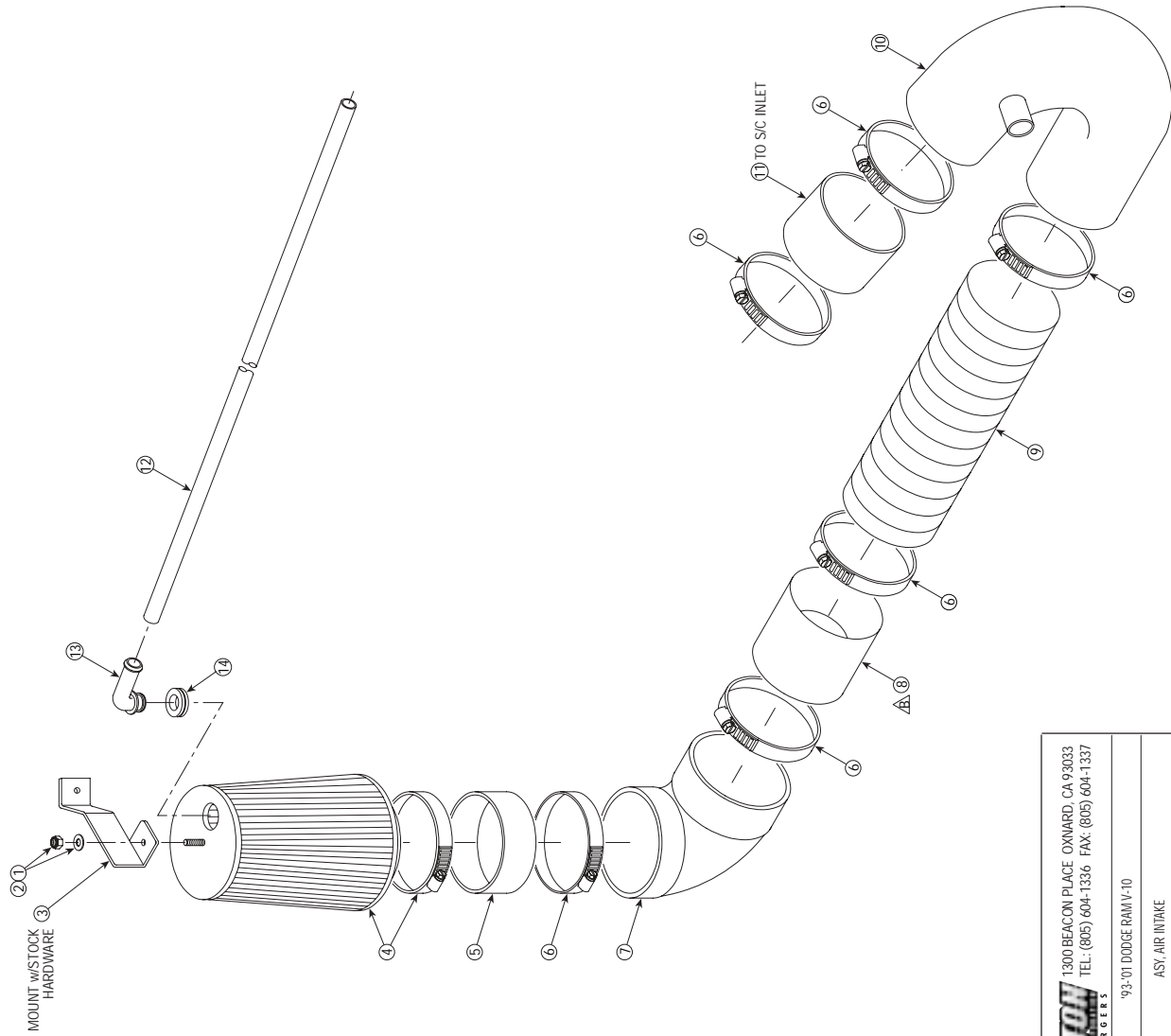




ITEM QTY	PART NUMBER	DESCRIPTION
1	4PCG016-021	HARMONIC BALANCER DODGE V10 W/ NOVI MACHINED
2	4PCG017-071	SPACER CRANK PULLEY DODGE V10 W/ NOVI
3	4PCG016-011	PULLEY CRANK TO GRV DODGE V10 W/ NOVI
4	2A041-710	BELT TO GRV MICRO-V 1820mm x .36mm
5	7U187-075	PIN DOWEL Ø3/16 x 3/4" LG
6	7A750-300	SCREW 3/4-16 x 3.00 HXHD GR8
7	7A375-100	SCREW 3/8-16 x 1.00 HXHD GR8
8	7K375-040	WASHER 3/8" FLAT AN960 STEEL
9	7K750-001	WASHER .825-ID x 1.5-OD x .125 THICK

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ANGLES: ±1/16	APP: *****	SIZE: D	DWG. NO: 1019701
MATERIAL: SEE PARTS LIST	FINISH: NONE	WEIGHT: *****	REV: C
PAXTON SUPERCHARGERS		1300 BEACON PLACE OXNARD, CA 93033 TEL: (805) 604-1336 FAX: (805) 604-1337	
93-01 DODGE V10		ASY, CRANK PULLEY10 GRV	
SHEET 1 OF 1		SHEET 1 OF 1	

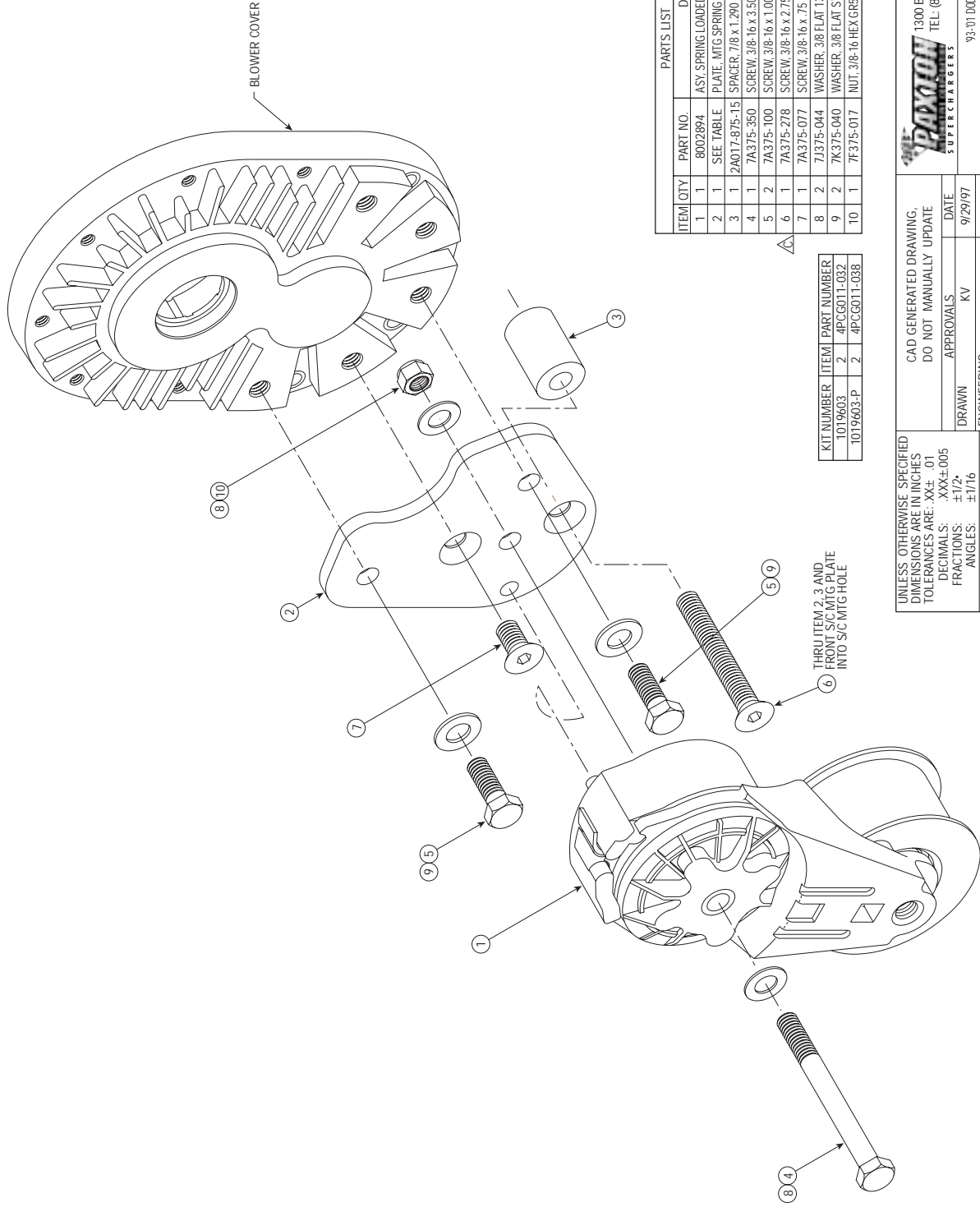
Appendix D 1019701 Asy, Crank Pulley



MOUNT w/STOCK  
HARDWARE

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	7F250-021	NUT, 1/4-20 HEX GR5 w/NYLON INSERT
2	1	7J250-022	WASHER, 1/4 FLAT SAE GR5
3	1	4PCG010-070	BRKT. M/G AIR FILTER
4	1	4PCG040-190	FILTER, AIR 4" INLET, 1/4-20 STUD w/CLAMP
5	1	4PCG012-050	TUBE, AIR INTAKE 4" O.D. x 1.50 x .065 WALL
6	6	7R002-064	CLAMP, HOSE #64
7	1	7S400-001	ELBOW, INLET 90° 4" I.D. x 4" I.D.
8	1	4PCG017-081	RESTRICTOR, 4" O.D. x 4" I.G. x 2.45" I.D.
9	1	7U035-003	HOSE, FLEX 4" I.D. x 17' LG w/CLAMPS
10	1	4PCG012-010	TUBE, AIR INTAKE, 93-96 DODGE V10
11	1	7PS400-200	HOSE, TURBO BLK 4" I.D. x 2' LG
12	5 FT	7U033-000	HOSE, PCV 5/8" I.D. x 60' LG
13	1	7PP625-625	FTG. ELBOW, 11/8" 5/8" HOSE BARB x 5/8" HOLE
14	1	7U100-064	GROMMET, 5/8" I.D. x 7/8" O.D.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: XXX- .01 DECIMALS: .XXX±.005 FRACTIONS: ±1/2 ANGLES: ±1/16	CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		DATE 09/11/97	
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SIZE E	DWG. NO. 1019810	ASSEMBLY ASY, AIR INTAKE	REV. C	
93:01 DODGE RAMV-10	1300 BEACON PLACE ONYARD, CA 93033 TEL: (805) 604-1336 FAX: (805) 604-1337			
<b>RAMM</b> SUPERCHARGERS				



ITEM QTY	PART NO.	DESCRIPTION
1	8002894	ASY, SPRING LOADED TENSIONER TO GRV, MODIFIED
2	SEE TABLE	PLATE, MTG SPRING LOAD TENSIONER 10 GRV
3	2A017-875-15	SPACER, 7/8 x 1,290 LG x .406 I.D. ALUM
4	7A375-350	SCREW, 3/8-16 x 3.50 HHHD GR8
5	7A375-100	SCREW, 3/8-16 x 1.00 HHHD GR8
6	7A375-278	SCREW, 3/8-16 x 2.75 FH HS GR8
7	7A375-077	SCREW, 3/8-16 x .75 FH HS GR8
8	7J375-044	WASHER, 3/8 FLAT 1.31/6 OD x 1/16 THK GR5
9	7K375-040	WASHER, 3/8 FLAT STEEL AN960
10	7F375-017	NUT, 3/8-16 HEX GR5 W/ NYLON INSERT

KIT NUMBER	ITEM	PART NUMBER
1019603	2	4PCG011-032
1019603-P	2	4PCG011-038

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE: XX+ .01  
DECIMALS: XX±.005  
FRACTIONS: +1/2-  
ANGLES: ±1/16

CAD GENERATED DRAWING,  
DO NOT MANUALLY UPDATE

APPROVALS	DATE
DRAWN	9/29/97
ENGINEERING	
R&D	
APPR.	

MATERIAL: SEE PARTS LIST

FINISH: NONE

WEIGHT: ----- LBS

SIZE: D DWG. NO. 1019603

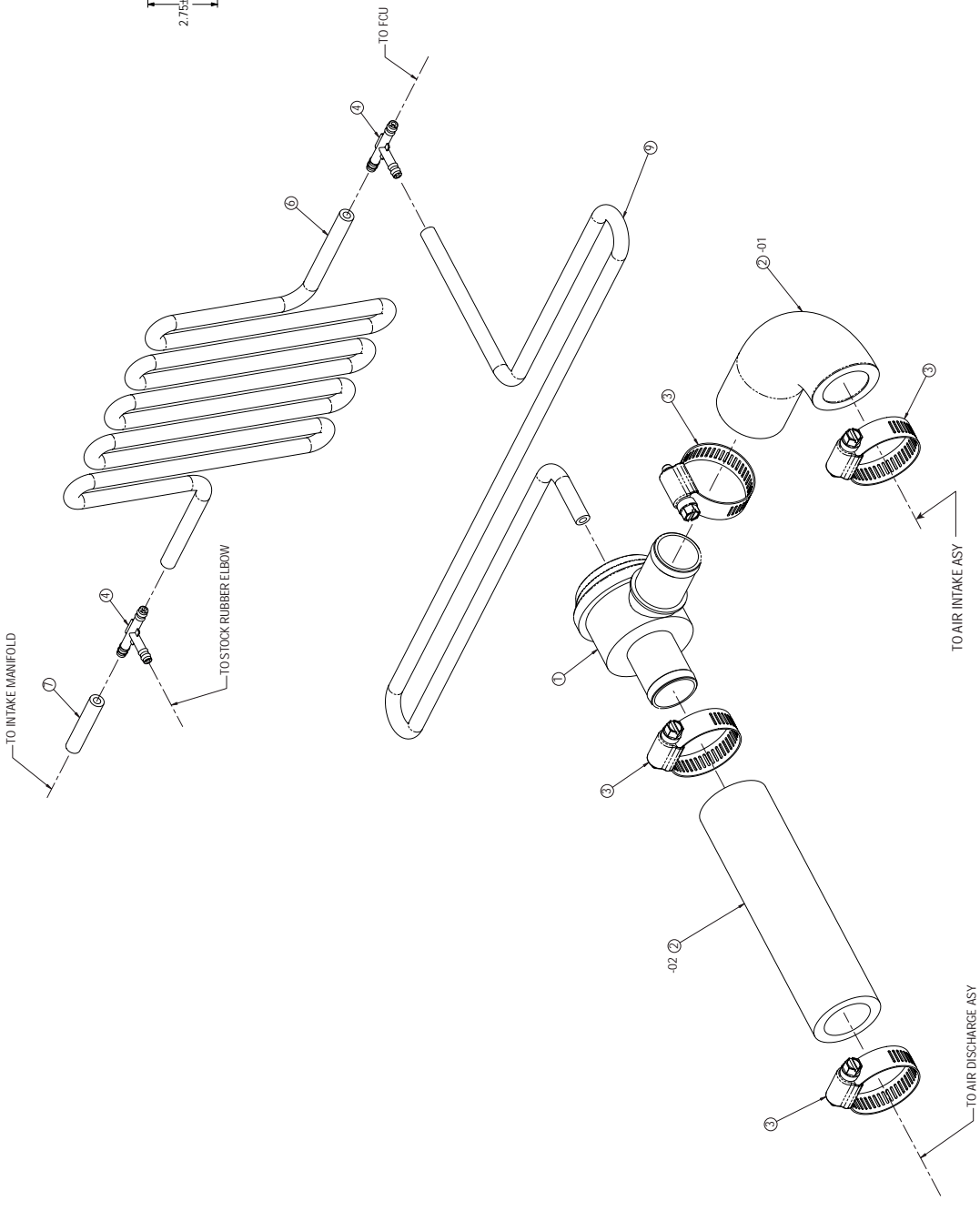
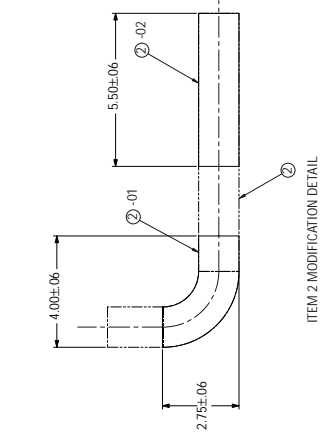
SCALE: NONE DO NOT SCALE DRAWING SHEET 1 OF 1

1300 BEACON PLACE OXWARD, CA 93033  
TEL: (805) 604-1336 FAX: (805) 604-1337

**PAXTON**  
SUPERCHARGERS

93-01 DODGE RAM V-10

ASY, SPRING LOADED TENSIONER 10 GRV



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	80001-001	VALVE BYPASS
3	4	78002-016	CLAMP HOSE #16
4	2	7P156-082	TEE 5/32
6	1	7U133-100-07	
9	1	7U030-046X36	
10	1	7U030-046X1.5	
11	1	7U030-046X60	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE: .XXX±.005  
DECIMALS: .XXX±.005  
FRACTIONS: ±1/2  
ANGLES: ±1/16

CAD GENERATED DRAWING  
DO NOT MANUALLY UPDATE

DATE: 4/16/01

DRAWN: G. COMPTON

ENGINEERING

R&D

APPR.

WEIGHT: 3.2 LBS

FINISH: NONE

SEE PARTS LIST

MATERIAL

97-01 DODGE V-10

ASSEMBLY: ASY. COMPRESSOR BYPASS

SIZE: D

DWG. NO.: 1015512

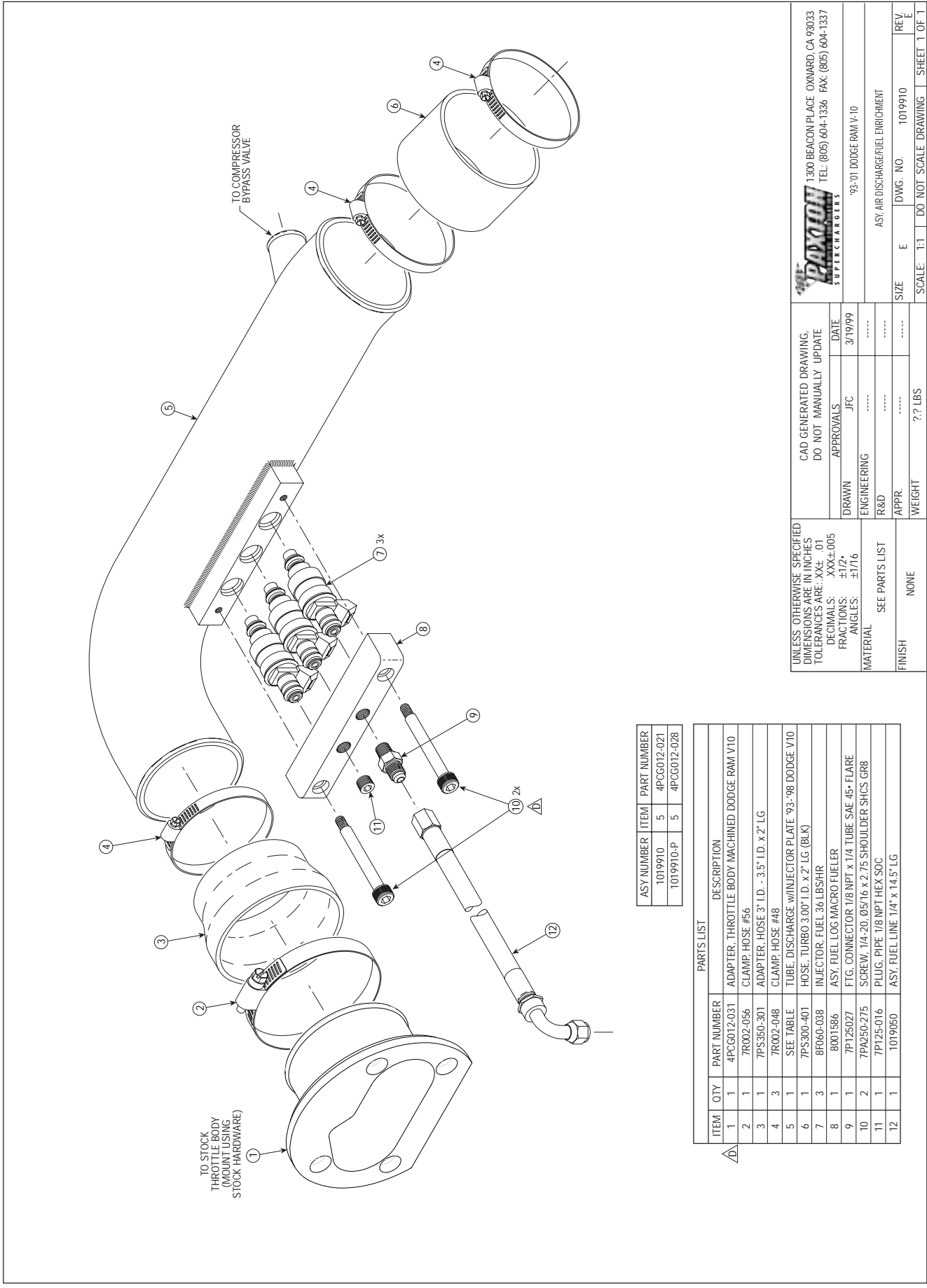
SCALE: 1:1

DO NOT SCALE DRAWING

SHEET 1 OF 1

REV. N

1300 BEACON PLACE ONWARD, CA 93033  
TEL: (805) 604-1336 FAX: (805) 604-1337  
SUPERCHARGERS



ASY NUMBER	ITEM	PART NUMBER
1019910	5	4PCG012-021
1019910-P	5	4PCG012-028

PARTS LIST		
ITEM	QTY	DESCRIPTION
1	1	ADAPTER, THROTTLE BODY MACHINED DODGE RAM V10
2	1	CLAMP HOSE #56
3	1	ADAPTER, HOSE 3" I.D. - 3.5" I.D. x 2" LG
4	3	CLAMP HOSE #48
5	1	SEE TABLE
6	1	TUBE, DISCHARGE w/INJECTOR PLATE '93-'98 DODGE V10
7	3	HOSE, TURBO 3.00" I.D. x 2" LG (BLK)
8	1	INJECTOR, FUEL 36 LBS/HR
9	1	ASY FUEL LOG MAGRO FUELER
10	2	FTG. CONNECTOR 1/8 NPT x 1/4 TUBE SAE 45° FLARE
11	1	SCREW, 1/4-20, 05/16 x 2.75 SHOULDER SHCS GR8
12	1	PLUG, PIPE 1/8 NPT HEX SOC
		ASY, FUEL LINE 1/4" x 14.5" LG

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE: XXX±.01  
DECIMALS: .XXX±.005  
FRACTIONS: ±1/2"  
ANGLES: ±1/16

SEE PARTS LIST

FINISH: NONE

WEIGHT: ? ? LBS

SCALE: 1:1

DO NOT SCALE DRAWING

SHEET 1 OF 1

CAD GENERATED DRAWING  
DO NOT MANUALLY UPDATE

DATE: 3/19/99

APPROVALS: JFC

ENGINEERING: R&D

APPR: E

SIZE: E

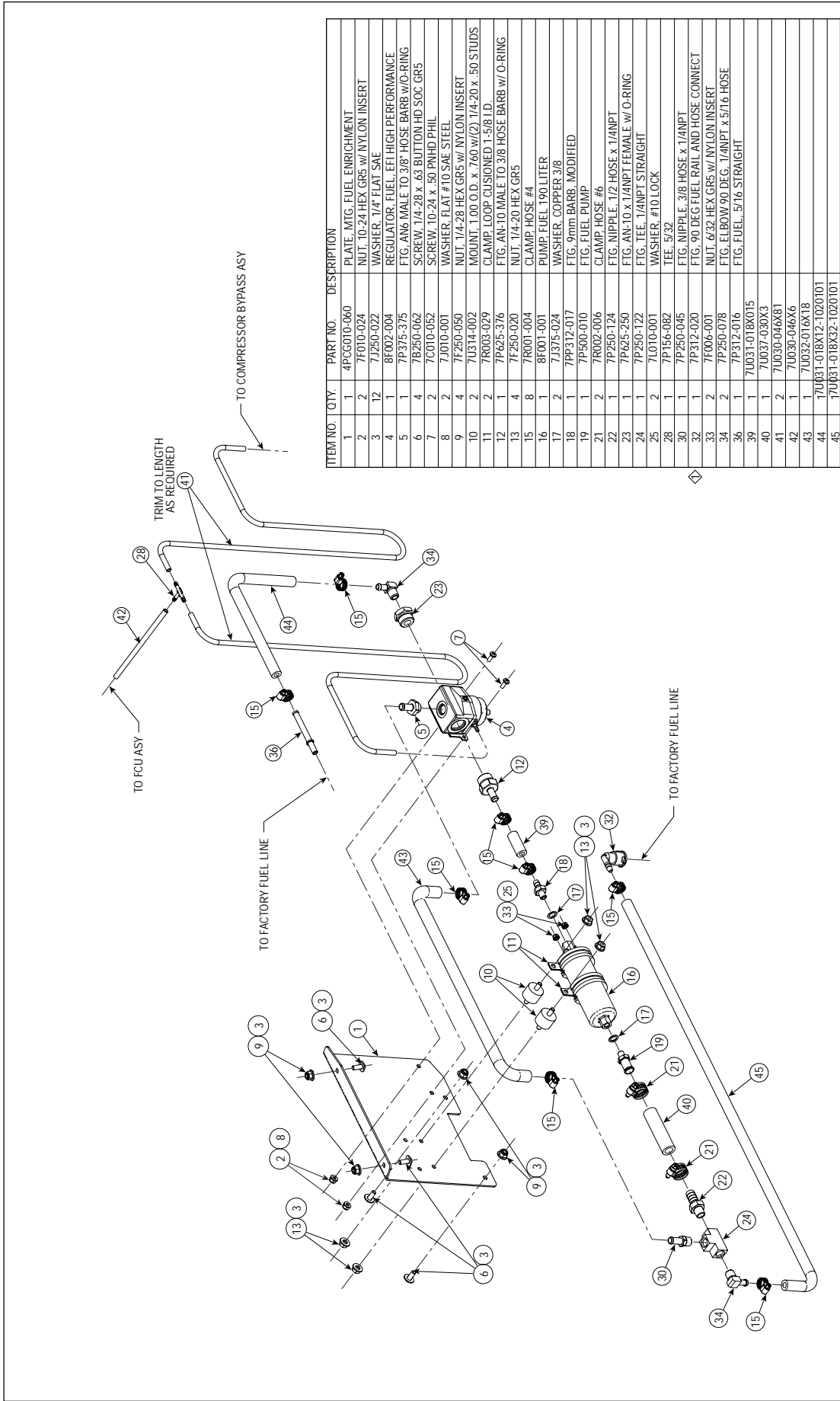
DWG. NO.: 1019910

REV: E


1300 BEACON PLACE OXNARD, CA 93033  
TEL: (805) 604-1336 FAX: (805) 604-1337

**THE PATTON SUPERCHARGERS**

'93-'01 DODGE RAM V-10  
ASY AIR DISCHARGE/FUEL ENRICHMENT



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	4PCG010-060	PLATE, MTG. FUEL ENRICHMENT
2	2	7F010-024	NUT, 10-24 HEX GR5 w/ NYLON INSERT
3	12	7U250-022	WASHER, 1/4" FLAT SAE
4	1	8F002-004	REGULATOR, FUEL, FT HIGH PERFORMANCE
5	1	7P375-375	FIG. AN6 MALE TO 3/8" HOSE BARB w/O-RING
6	4	7B250-062	SCREW, 1/4-28 x .63 BUTTON HD SOC GR5
7	2	7C010-052	SCREW, 10-24 x .50 PNHD PHIL
8	2	7J010-001	WASHER, FLAT #10 SAE STEEL
9	4	7E250-050	NUT, 1/4-28 HEX GR5 w/ NYLON INSERT
10	2	7U314-002	MOUNT, 1.00 O.D. x .760 w/(2) 1/4-20 x .50 STUDS
11	2	7R003-029	CLAMP, LOOP COUSIONED 1-5/8 I.D.
12	1	7P625-376	FIG. AN-TO MALE TO 3/8 HOSE BARB w/ O-RING
13	4	7E250-020	NUT, 1/4-20 HEX GR5
14	5	7R001-004	CLAMP HOSE #4
15	8	8F001-001	PUMP FUEL 190 LITER
16	1	7J375-024	WASHER, COPPER 3/8
17	2	7PP312-017	FIG. 9mm BARB, MODIFIED
18	1	7P500-010	FIG. FUEL PUMP
19	1	7R002-006	CLAMP HOSE #6
20	2	7P250-124	FIG. ANIPPLE, 1/2 HOSE x 1/4NPT
21	1	7P625-250	FIG. AN-TO x 1/4NPT FEMALE w/ O-RING
22	1	7P250-122	FIG. TEE, 1/4NPT STRAIGHT
23	2	7L010-001	WASHER, #10 LOCK
24	1	7P156-082	TEE, 5/32
25	1	7P250-045	FIG. NIPPLE, 3/8 HOSE x 1/4NPT
26	1	7P312-020	FIG. 90 DEG FUEL RAIL AND HOSE CONNECT
27	2	7F006-001	NUT, 6/32 HEX GR5 w/ NYLON INSERT
28	2	7P250-078	FIG. ELBOW 90 DEG, 1/4NPT x 5/16 HOSE
29	1	7P312-016	FIG. FUEL, 5/16 STRAIGHT
30	1	7U031-018X015	
31	2	7U037-030X3	
32	1	7U030-046X81	
33	1	7U030-046X6	
34	1	7U032-016X18	
35	1	7U031-018X12-1020101	
36	1	7U031-018X32-1020101	
37	1		
38	1		
39	1		
40	1		
41	1		
42	1		
43	1		
44	1		
45	1		



1300 BEACON PLACE OXNARD, CA 93033  
 TEL: (805) 604-1336 FAX: (805) 604-1337

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'93-'01 DODGE RAM V-10

ASY, AUXILIARY FUEL SYSTEM

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SCALE: 1:2.5 | DO NOT SCALE DRAWING | SHEET 1 OF 1

---

SIZE D DWG. NO. 1020101

---

REV G

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES  
 TOLERANCES ARE: XX+.01  
 DECIMALS: XXX+.005  
 FRACTIONS: ±1/2"  
 ANGLES: ±1/16

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE

APPROVALS: DATE: 6/05/00

DRAWN: JFC

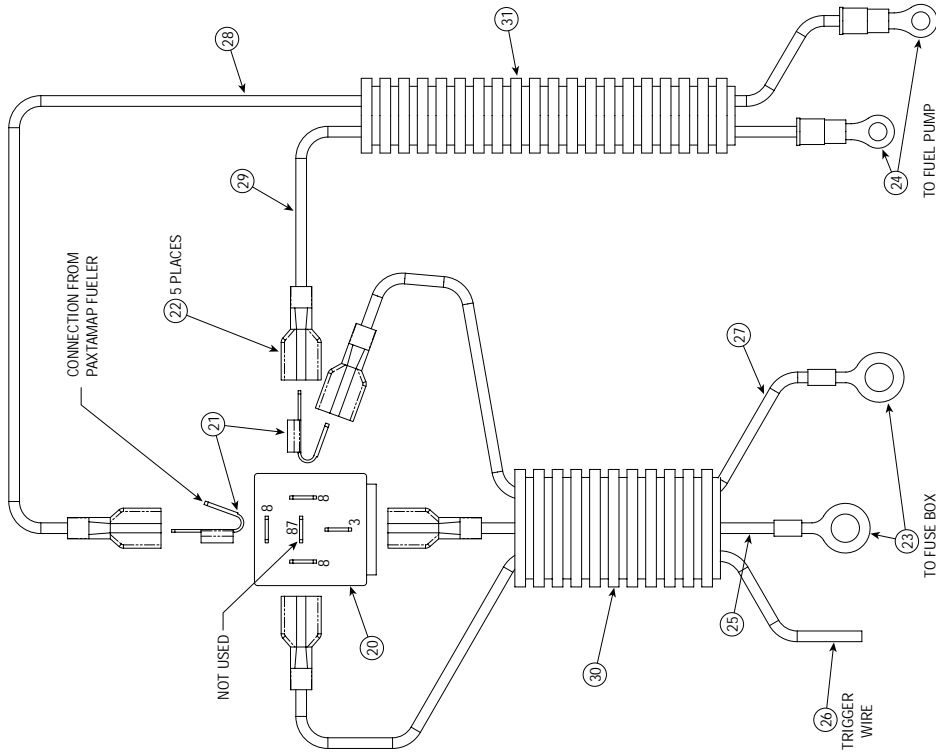
ENGINEERING: R&D

APPR: WEIGHT: 5.8 LBS

FINISH: NONE

MATERIAL: SEE PARTS LIST

1. SHIP THIS ITEM LOOSE.



RELAY WIRING

ITEM NO.	QTY.	PART NO.	DESCRIPTION
13	1	79157-219	FIG. ADAPTER 3/16-1/4
14	1	5A001-032	PAXTAMAP FUELER
15	1	7E010-052	SCREW, #10 x .50 PANHEAD
16	1	5W001-001	CONN. QUICKSPICE
17	2	7C010-052	SCREW, 10-24 x .50 PANHEAD
18	2	7F010-024	NUT, 10-24 HEX GR5 w/ NYLOK
19	2	7J010-001	WASHER, #10 FLAT SAE
20	1	3869403	
21	2	4825101	
22	5	8001743	
23	2	8001553	
24	2	3868201	
25	1	8001900-30	
26	1	2789500-36	
27	1	3868000-30	
28	1	8001900-60	
29	1	3868000-60	
30	1	4803950-30	
31	1	4803950-60	

(1 LOOSE)  
(1 LOOSE)

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE: XX±.01  
DECIMALS: .XXX±.005  
FRACTIONS: +1/2, -1/16  
ANGLES: ±1/16

NOTES: UNLESS OTHERWISE  
SPECIFIED

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		DATE
APPROVALS		5/30/00
DRAWN	A. PROCTOR	
ENGINEERING		
R&D		
APPR.		
WEIGHT	5.0 LBS	

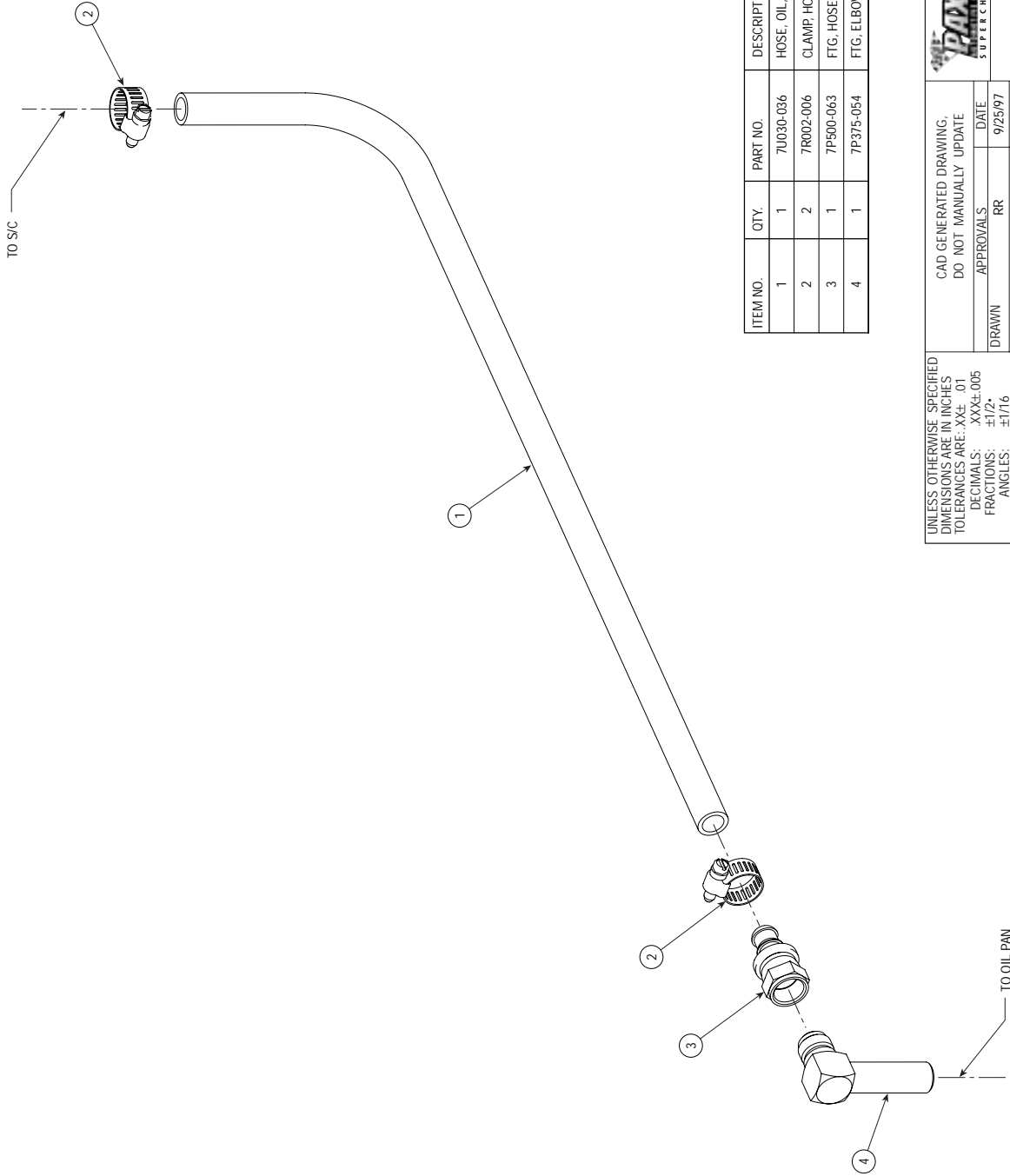
1300 BEACON PLACE OXNARD, CA 93033  
TEL: (805) 604-1336 FAX: (805) 604-1337



'93-'01 DODGE RAM V-10

ASY, FUEL ENRICHMENT

SIZE	D	DWG. NO.	1016031	REV.	B
SCALE:	1.5:1	DO NOT SCALE	DRAWING	SHEET	1 OF 1



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7U030-036	HOSE, OIL, 1/2 X 35.00 LG.
2	2	7R002-006	CLAMP, HOSE #6
3	1	7P500-063	FTG. HOSE END, ANB X 1/2 BARB
4	1	7P375-054	FTG. ELBOW, 3/8NPT x AN8

UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ARE: XXE .01  
 DECIMALS: .XXXL-.005  
 FRACTIONS: ±1/2-  
 ANGLES: ±1/16

MATERIAL SEE PARTS LIST

FINISH NONE

CAD GENERATED DRAWING  
 DO NOT MANUALLY UPDATE

APPROVALS RR DATE 9/25/97

ENGINEERING

R&D

APPR.

WEIGHT 0.8 LBS

1300 BEACON PLACE OXNARD, CA 93033  
 TEL: (805) 604-1336 FAX: (805) 604-1337  
**48001**  
 SUPERCARGERS

93-01 DODGE V-10

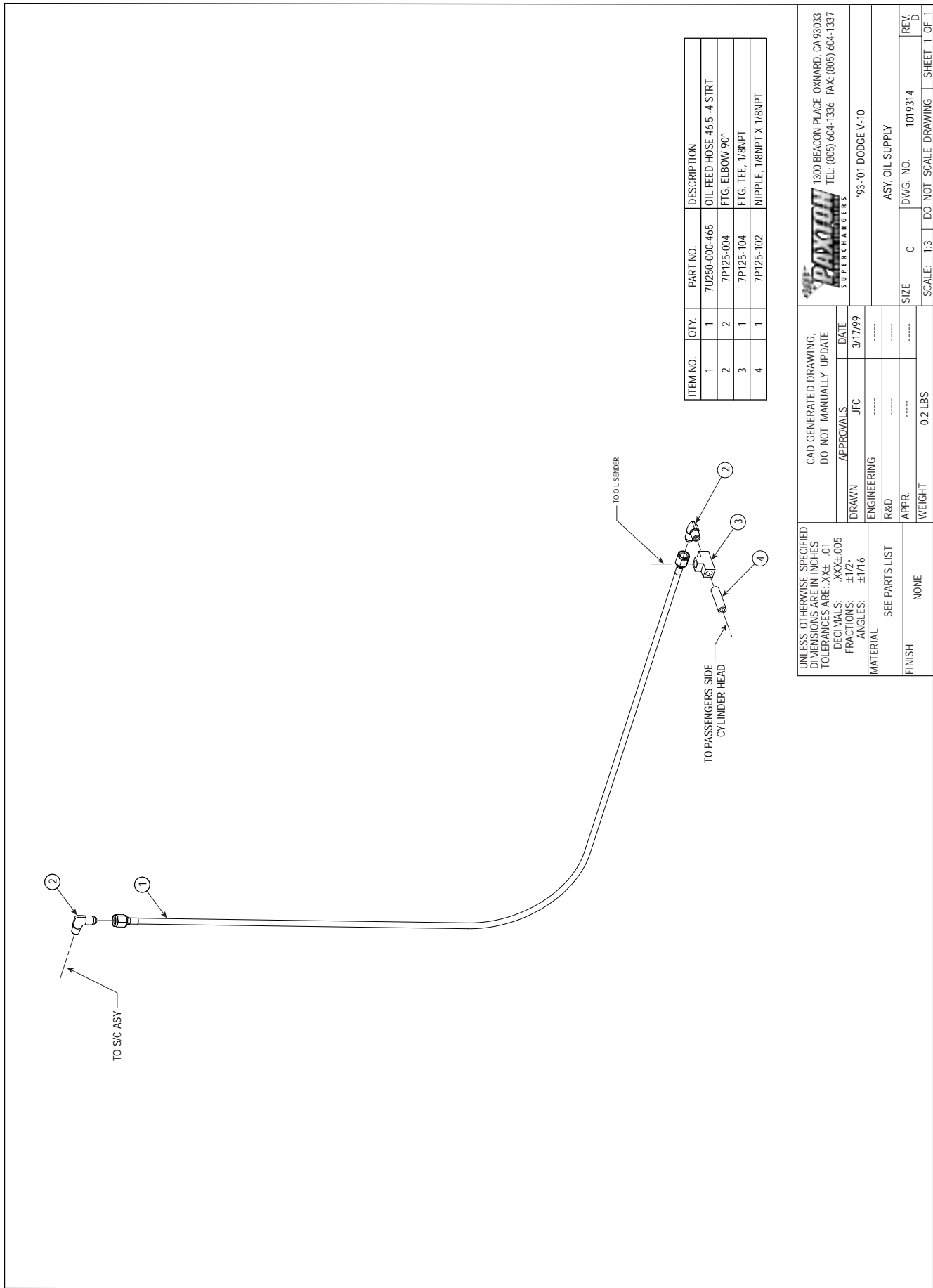
1019313

SIZE C DWG. NO. 1019313 REV. E

SCALE: 1:2 DO NOT SCALE DRAWING SHEET 1 OF 1

Appendix K 1019313 Asy, S/C Oil Supply Hose





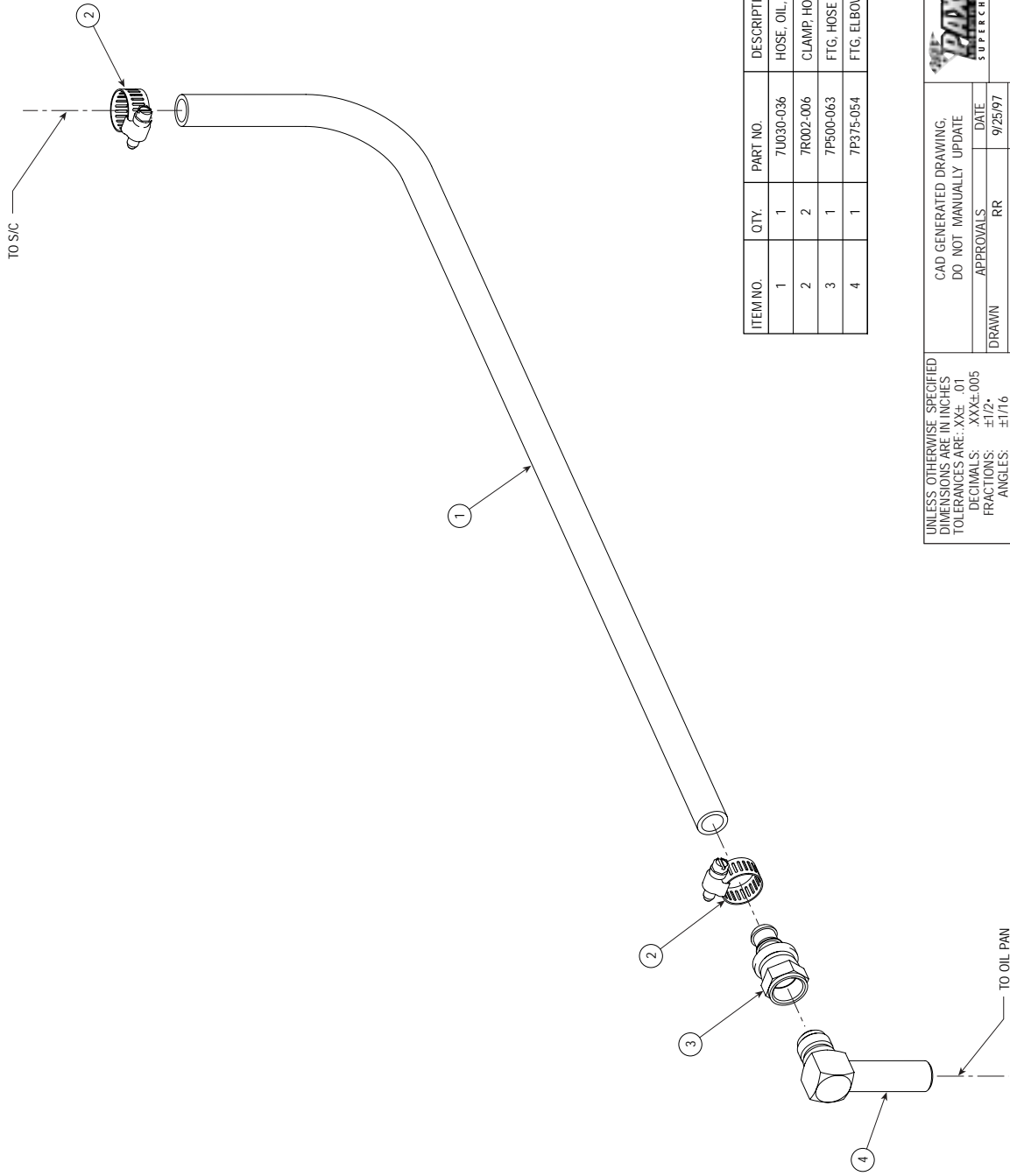
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: XX+ .01 DECIMALS: XXX+.005 FRACTIONS: +1/2, ANGLES: ±1/16		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	
MATERIAL: SEE PARTS LIST		APPROVALS	DATE
FINISH: NONE		DRAWN: JFC	3/17/99
WEIGHT: 0.2 LBS		ENGINEERING	
		R&D	
		APPR.	
		SCALE: 1:3	DO NOT SCALE DRAWING
		SIZE: C	DWG. NO. 1019314
			REV. D
			SHEET 1 OF 1



1300 BEACON PLACE OXNARD, CA 93033  
TEL: (805) 604-1336 FAX: (805) 604-1337

'93-'01 DODGE V-10

ASY, OIL SUPPLY



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	7U030-036	HOSE, OIL, 1/2 X 35.00 LG.
2	2	7R002-006	CLAMP, HOSE #6
3	1	7P500-063	FTG. HOSE END, AN8 X 1/2 BARB
4	1	7P375-054	FTG. ELBOW, 3/8NPT x AN8

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE: .XXX ±.01

DECIMALS: .XXX±.005

FRACTIONS: ±1/2

ANGLES: ±1/16

MATERIAL SEE PARTS LIST

FINISH NONE

CAD GENERATED DRAWING,  
DO NOT MANUALLY UPDATE

APPROVALS RR

DATE 9/25/97

ENGINEERING

R&D

APPR.

WEIGHT 0.8 LBS

**PAXTON**  
SUPERCHARGERS

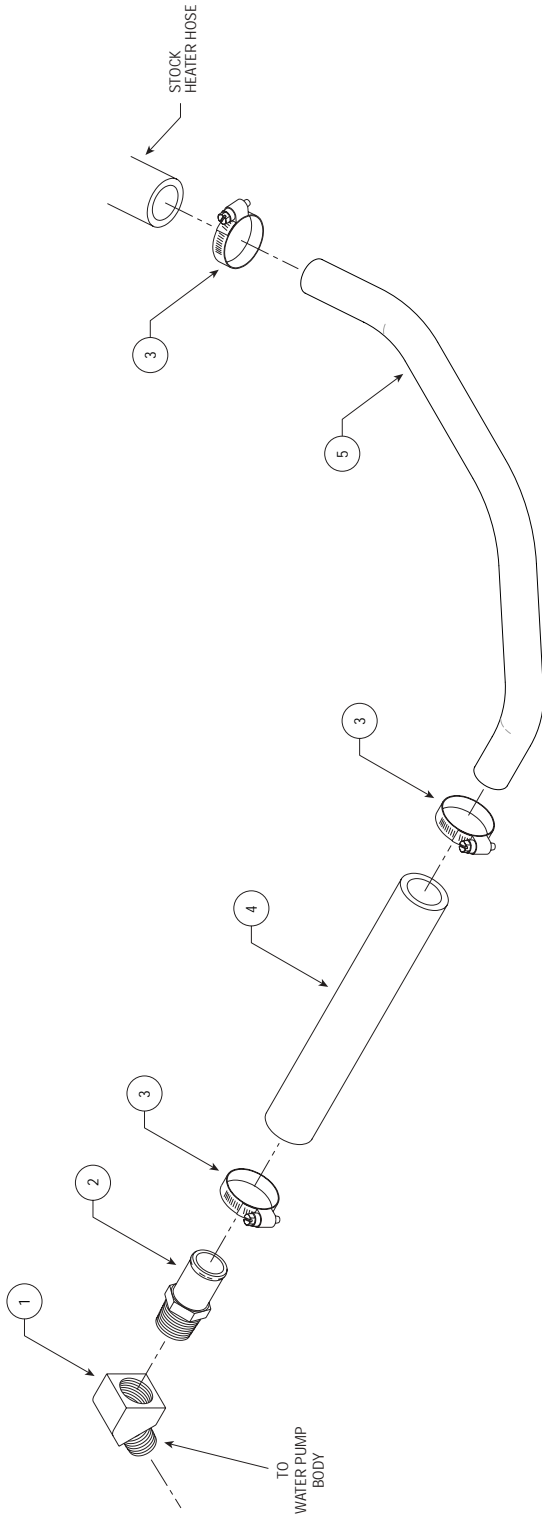
1300 BEACON PLACE OXNARD, CA 93033  
TEL: (805) 604-1336 FAX: (805) 604-1337

'93-'01 DODGE V-10

1019313

SIZE C DWG. NO. 1019313

SCALE: 1:2 DO NOT SCALE DRAWING SHEET 1 OF 1



ITEM	QTY	PART NO.	DESCRIPTION
1	1	7P375-045	FTG. 45° ST. ELBOW 3/8 NPT MALE x 3/8 NPT FEM
2	1	7P375-625	FTG. NIPPLE 5/8 HOSE x 3/8 NPT
3	3	7R001-008	CLAMP, HOSE #8
4	.5 FT	7U033-000	HOSE, HEATER 5/8" x 5.50' LG
5	1	4PCG014-010	TUBE, BEND HEATER HOSE RELOCATION DODGE V10

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE: .XX±.01  
DECIMALS: .XXX±.005  
FRACTIONS: ±1/2"  
ANGLES: ±1/16"

MATERIAL SEE PARTS LIST

FINISH NONE

WEIGHT ?? LBS

SCALE: NONE DO NOT SCALE DRAWING SHEET 1 OF 1

REV. B  
DWG. NO. 1020350

ASSEMBLY: ASY, HEATER HOSE RELOCATION

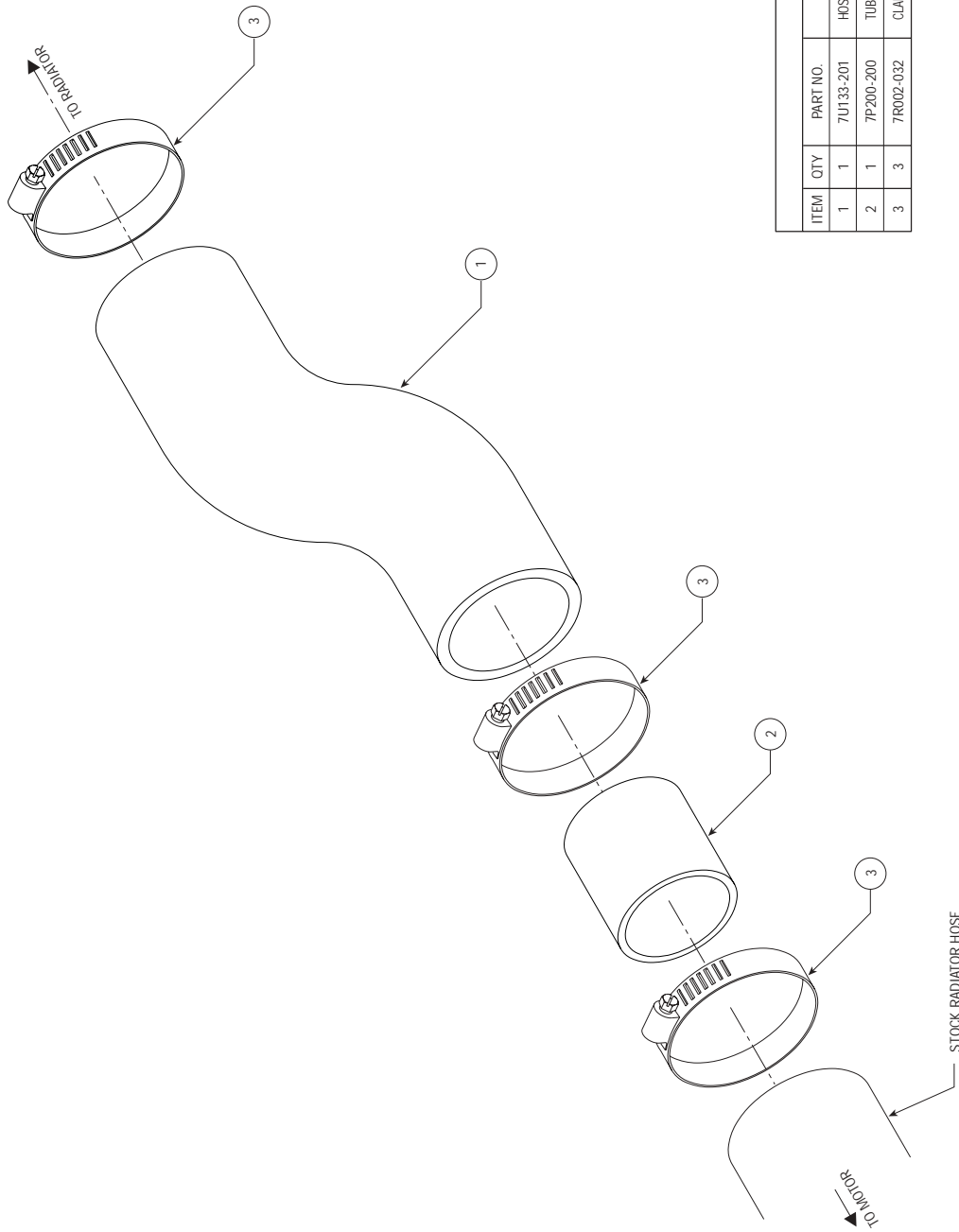
DATE 10/01/97  
DRAWN JFC  
APPROVALS

DO NOT MANUALLY UPDATE

CAD GENERATED DRAWING,  
DO NOT MANUALLY UPDATE

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PAXTON SUPERCHARGERS

'93-'01 DODGE V-10



PARTS LIST		DESCRIPTION
ITEM	QTY	PART NO.
1	1	7U133-201
2	1	7P200-200
3	3	7R002-032

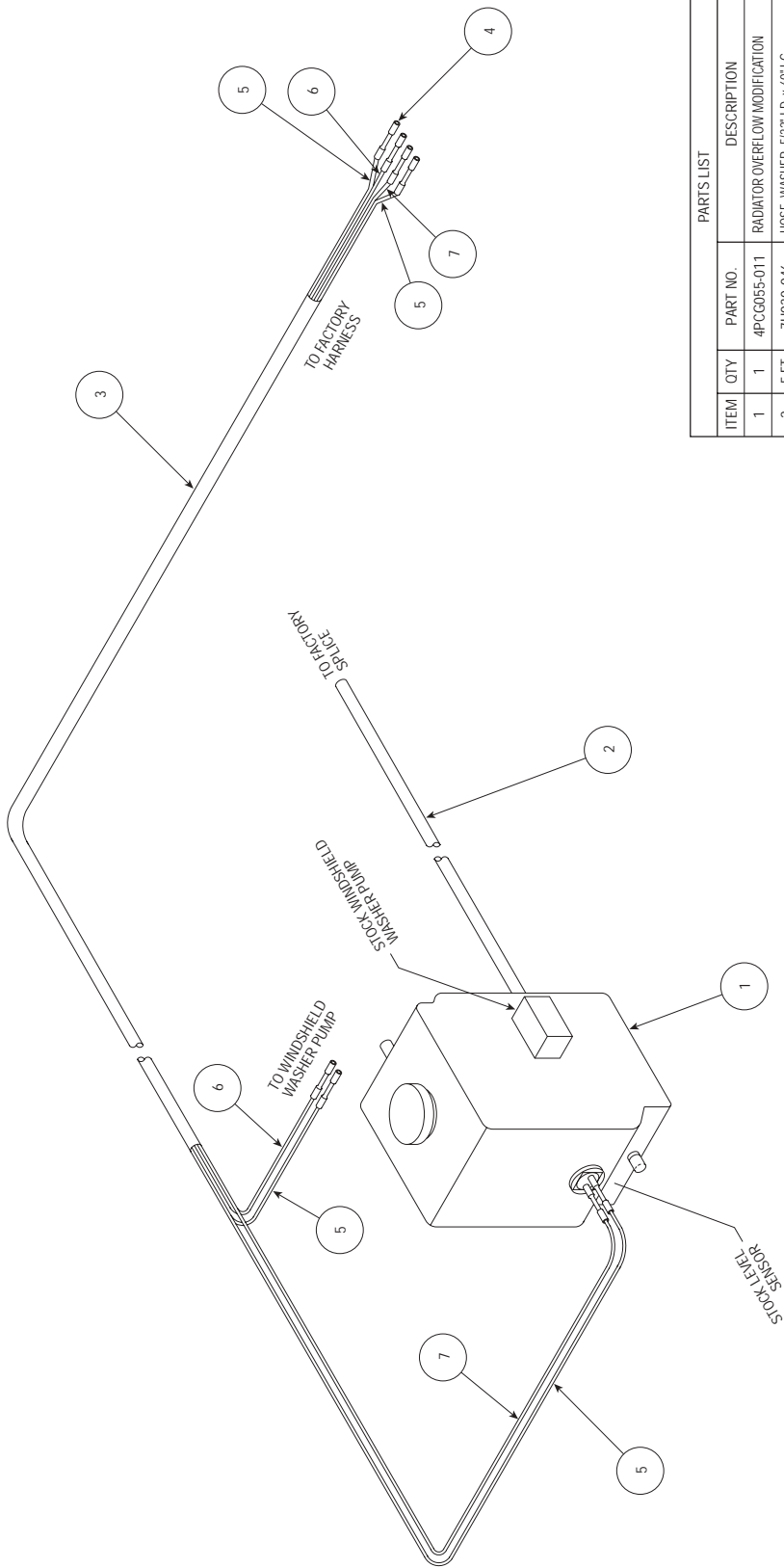
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: .XX- .01 DECIMALS: .XXX- .005 FRACTIONS: ±1/2" ANGLES: ±1/16		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		1300 BEACON PLACE OXNARD, CA 93033 TEL: (805) 604-1336 FAX: (805) 604-1337	
DRAWN		RR	DATE	DODGE V-10 TRUCK	
APPROVALS			10/02/97		
ENGINEERING				ASY. RADIATOR HOSE EXTENSION	
R&D					
APPR.				SIZE	B
WEIGHT				DWG. NO.	1020360
FINISH		NONE		SCALE: NONE	DO NOT SCALE DRAWING
					SHEET 1 OF 1

PARTS LIST		
ITEM	QTY	PART NO. DESCRIPTION
1	1	4PCG010-090 BRKT, CRUISE CONTROL RELOCATION
2	2	7C080-035 SCREW, 8mm x 1.25 x 35mm HXHD GR5
3	2	7A312-075 SCREW, 5/16-18 x .75 HXHD GR5
4	6	7J312-000 WASHER, 5/16 FLAT SAE GR5
5	2	7F312-017 NUT, 5/16-18 HEX GR5 w/ NYLON INSERT
6	3.4 FT	5W018-020 WIRE, 18AWG, BLACK x 40" LG
7	3.4 FT	5W018-090 WIRE, 18AWG, BROWN x 40" LG
8	3.4 FT	5W018-080 WIRE, 18AWG, BLUE x 40" LG
9	3.4 FT	5W018-070 WIRE, 18AWG, GREEN x 40" LG
10	8	5W001-012 CONNECTOR, BUTT, 22-18 GA
11	3.75 FT	5W001-005 TUBING, SPLIT POLY LOOM 3/8 x 45" LG

**NOTES: (UNLESS OTHERWISE SPECIFIED)**

- DO NOT SCALE DRAWING.
- DIMENSIONS ARE FOR IDENTIFICATION ONLY.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: .XXX±.005 DECIMALS: .XXX±.005 FRACTIONS: ±1/2" ANGLES: ±1/16"	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE		1300 BEACON PLACE OXNARD, CA 93033 TEL: (805) 604-1336 FAX: (805) 604-1337	
	APPROVALS	DATE	SUPERCHARGERS '93-01 DODGE V-10	
DRAWN	JFC	09/29/97	ASSEMBLY CONTROL RELOCATION	
ENGINEERING	-----	-----	ASSEMBLY CONTROL RELOCATION	
R&D	-----	-----	SIZE	A
APPR.	-----	-----	DWG. NO.	1020450
WEIGHT	-----	-----	SCALE: NONE	DO NOT SCALE DRAWING
FINISH	NONE	-----	REV	B
			SHEET 1 OF 1	



PARTS LIST			
ITEM	QTY	PART NO.	DESCRIPTION
1	1	4PC055-011	RADIATOR OVERFLOW MODIFICATION
2	5 FT	7U030-046	HOSE, WASHER, 5/32" I.D. x 60" LG
3	8.5 FT	5W001-005	TUBING, BLACK SPLIT POLY LOOM 3/8" I.D. x 102" LG
4	8	5W00-013	CONNECTOR, BUTT 16-14 GA
5	8 FT	5W018-020	WIRE, 18AWG BLACK x 96" LG
6	8 FT	5W018-090	WIRE, 18AWG BROWN x 96" LG
7	8 FT	5W018-040	WIRE, 18AWG WHITE x 96" LG

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE: .XXX ± .005  
DECIMALS: .XXX ± .005  
FRACTIONS: ± 1/2  
ANGLES: ± 1/16

CAD GENERATED DRAWING  
DO NOT MANUALLY UPDATE

DATE: 9/22/97

APPROVALS: RR

ENGINEERING

R&D

APPR.

WEIGHT: NONE

FINISH: NONE

SEE PARTS LIST

SCALE: NONE | DO NOT SCALE DRAWING | SHEET 1 OF 1

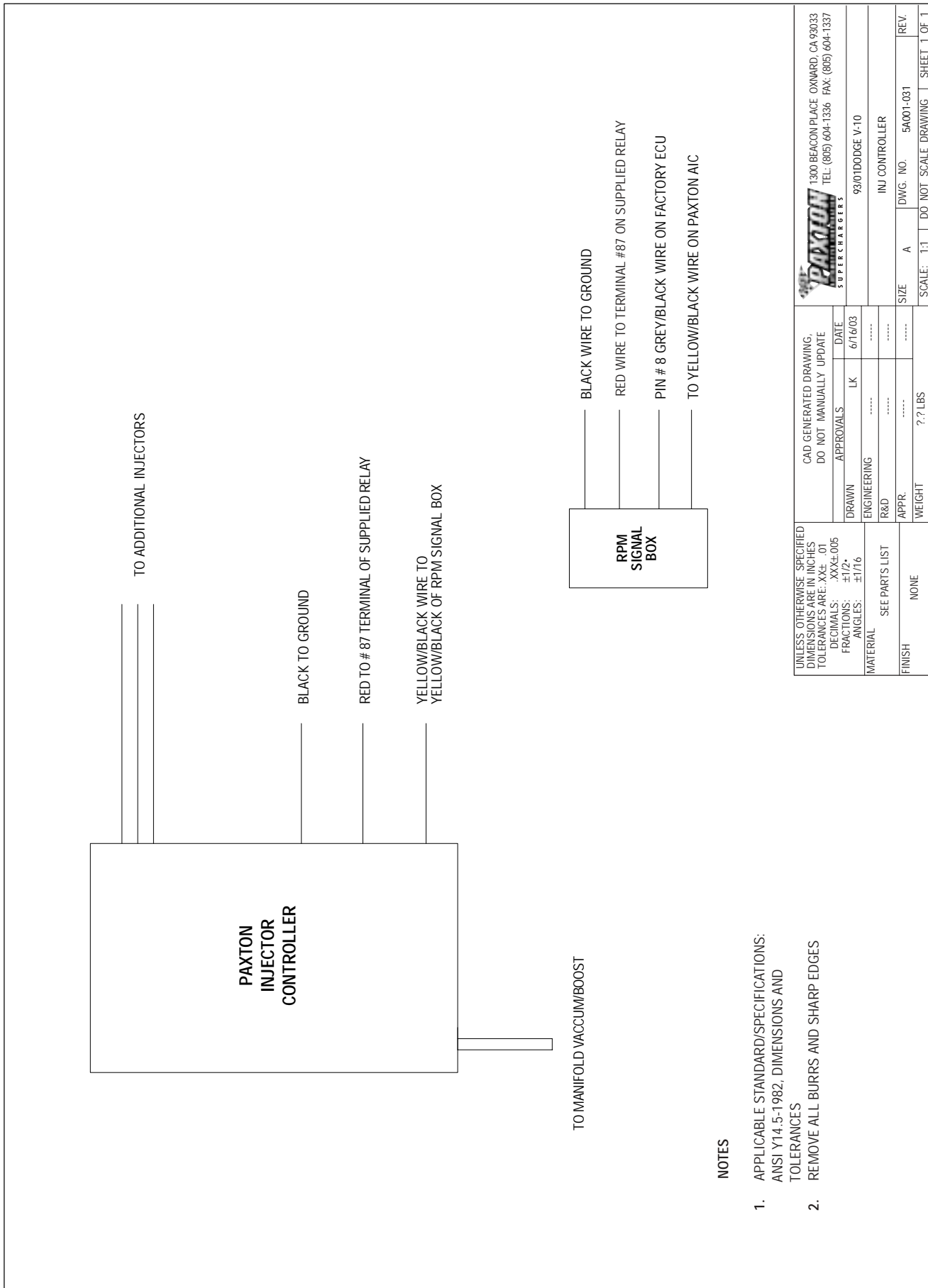
SIZE: B DWG. NO: 1020550 REV. C

ASSEMBLY: ASY, WASHER BOTTLE RELOCATION

'93-'01 DODGE V-10

**4M-PAC**  
**PARADISE**  
SUPERCHARGERS

1300 BEACON PLACE OXNARD, CA 93033  
TEL: (805) 604-1336 FAX: (805) 604-1337



**NOTES**

1. APPLICABLE STANDARD/SPECIFICATIONS:  
ANSI Y14.5-1982, DIMENSIONS AND TOLERANCES
2. REMOVE ALL BURRS AND SHARP EDGES

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: .XX±.01 DECIMALS: .XXX±.005 FRACTIONS: ±1/2 ANGLES: ±1/16	CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		1300 BEACON PLACE OXNARD, CA 93033 TEL: (805) 604-1336 FAX: (805) 604-1337	
	APPROVALS	DATE	93/01DODGE V-10	
DRAWN	LK	6/16/03		
ENGINEERING	.....	INJ CONTROLLER		
R&D	.....	SIZE	A	DWG. NO. 5A001-031
APPR.	.....	SCALE:	1:1	DO NOT SCALE DRAWING
WEIGHT	?.? LBS.	SHEET 1 OF 1		



1300 Beacon Place • Oxnard, CA 93033-9901 • (805) 604-1336  
FAX (805) 604-1337 • [paxtonautomotive.com](http://paxtonautomotive.com) • M-F 8:00 AM - 4:30 PM PST

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