



PAXTON
SUPERCHARGERS



Owner's Installation Guide for the

Paxton Automotive NOVI Supercharger

for the

2005-2010 Mustang GT*

**Legal in California only for racing vehicles which may never be used upon a highway
2007-2010 models*

**Paxton Automotive . 1300 Beacon Place . Oxnard CA 93033
805 487-3796 • FAX 805 247-0669**

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FOREWORD

This manual provides information on the installation, maintenance and service of the Paxton supercharger kit expressly designed for this vehicle. All information, illustrations and specifications contained herein are based on the latest product information available at the time of this publication. Changes to the manual may be made at any time without notice. Contact Paxton Automotive for any additional information regarding this kit and any of these modifications at (805) 888-PAXTON 8:00am-4:30pm PST.



Take note of the following before proceeding:

1. Proper installation of this supercharger kit requires general automotive mechanic knowledge and experience. Please browse through each step of this instruction manual prior to beginning the installation to determine if you should refer the job to a professional installer/technician. Please contact your dealer or Paxton Automotive for possible installers in your area.
2. **This product was designed for use on stock (*un-modified, OEM*) vehicles.** The PCM (*computer*), engine, transmission, drive axle ratios and tire O.D. must be stock. If the vehicle or engine has been modified in any way, check with Paxton prior to installation and use of this product.
3. Use only premium grade fuel with a minimum of 91 octane (*R+M/2*).
4. Always listen for any sign of detonation (*knocking/pinging*) and discontinue hard use (*no boost*) until the problem is resolved.
5. Paxton is not responsible for any clutch, transmission, drive-line or engine damage.

Exclusions from Paxton warranty coverage considerations include, but not limited to:

1. Neglect, abuse, lack of maintenance, abnormal operation or improper installation.
2. Continued operation with an impaired vehicle or sub-system.
3. The combined use of Paxton components with other modifications such as, but not limited to, exhaust headers, aftermarket camshafts, nitrous oxide, third party PCM programming or other such changes.

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TABLE OF CONTENTS

FORWARD	<i>ii</i>
TABLE OF CONTENTS	<i>iii</i>
IMPORTANT NOTES	<i>iv</i>
RECOMMENDED TOOLS FOR INSTALLATION	<i>v</i>
PARTS LIST (2005-2006 Mustang GT, H.O.)	<i>vi</i>
PARTS LIST (2005-2006 Mustang GT, Standard)	<i>viii</i>
PARTS LIST (2007-2008 Mustang GT, H.O.)	<i>ix</i>
PARTS LIST (2007-2008 Mustang GT, Standard)	<i>xi</i>
PARTS LIST (2005-2006 Mustang GT, H.O.) SL	<i>xii</i>
PARTS LIST (2005-2006 Mustang GT, Standard) SL	<i>xiv</i>
PARTS LIST (2007-2008 Mustang GT, H.O.) SL	<i>xv</i>
PARTS LIST (2007-2008 Mustang GT, Standard) SL	<i>xvii</i>
PARTS LIST (2010 Mustang GT, H.O.) SL	<i>xviii</i>
1. PREPARATION/REMOVAL	1
2. OIL FEED INSTALLATION	5
3. OIL DRAIN ASSEMBLY INSTALLATION	7
4. POWER STEERING RELOCATION	9
5. COOLANT TUBE RELOCATION & THERMOSTAT HOUSING/RADIATOR HOSE MODIFICATION	11
6. SUPERCHARGER MOUNTING PLATE INSTALLATION	17
7. THERMOSTAT HOUSING RELOCATION (2005-2006 Model Year Only)	21
8. CHARGE AIR COOLER INSTALLATION (H.O. Kits Only)	23
8A. BUMPER COVER AND SPLASH PAN (H.O. Kits Only)	23
8B. CHARGE AIR COOLER CORE (2005-2006 Model H.O. Kits Only)	26
8C. COMPRESSOR BYPASS VALVE #1 ASSEMBLY INSTALLATION (2005-2006 Model H.O. Kits Only)	28
8D. COMPRESSOR BYPASS VALVE #2 ASSEMBLY INSTALLATION (2005-2006 Model H.O. Kits Only)	29
8E. HORN BRACKET & RELOCATION (2010 Model H.O. Kits Only)	32
8F. AIR DIVERSION PANEL MODIFICATION (2010 Model, H.O. kits only)	33
8G. CHARGE AIR COOLER CORE (2007-2010 Model H.O. Kits Only)	34
8H. COMPRESSOR BYPASS VALVE #1 INSTALLATION (2007-2010 Model H.O. Kits Only)	36
8I. COMPRESSOR BYPASS VALVE #2 INSTALLATION (2007-2010 Model H.O. Kits Only)	37
8J. WIRING HARNESS RELOCATION (H.O. Kits Only)	40
8K. ENGINE COOLANT RESERVOIR INSTALLATION (2005-2006 Model H.O. Kits Only)	41
8L. ENGINE COOLANT RESERVOIR INSTALLATION (2007-2010 Model H.O. Kits Only)	42
8M. BUMPER COVER & SPLASH PAN MODIFICATION (2010 Model H.O. Kits Only)	46
9. AIR DISCHARGE ASSEMBLY INSTALLATION (Non-cooled Kits Only)	47
10. COOLANT RESERVOIR RE-INSTALLATION (Non-Cooled Kits Only)	49
11. CRANK CASE BREATHER AND PCV INSTALLATION	51
12. AIR INLET ASSEMBLY	53
13. FUEL PUMP UPGRADE	57
14. REFLASH COMPUTER	61
15. FINAL CHECK	63

2005-2010 Mustang GT

IMPORTANT NOTES

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2005-2010 Ford Mustang GT

Before beginning this installation, please read through this entire instruction booklet and the Street Supercharger System Owner's Manual which includes the Automotive Limited Warranties Program and the Warranty Registration form.

Paxton supercharger systems are performance improving devices. In most cases, increases in torque of 30-35% and horsepower of 35-45% can be expected with the boost levels specified by Paxton Automotive. This product is intended for use on healthy, well maintained engines.

Installation on a worn-out or damaged engine is not recommended and may result in failure of the engine as well as the supercharger. Paxton Automotive is not responsible for engine damage.

Installation on new vehicles will not harm or adversely affect the break-in period so long as factory break-in procedures are followed.

For best performance and continued durability, please take note of the following key points:

1. Use only premium grade fuel 91 octane or higher (R+M/2).
2. The engine must have stock compression ratio.
3. If the engine has been modified in any way, check with Paxton prior to using this product.
4. Always listen for any sign of detonation (pinging) and discontinue hard use (no boost) until problem is resolved.
- * 5. Perform an oil and filter change upon completion of this installation and prior to test driving your vehicle. Thereafter, always use a high grade SF rated engine oil or a high quality synthetic, and change the oil and filter every 3,000 miles or less. **Never attempt to extend the oil change interval beyond 3,000 miles, regardless of oil manufacturer's claims as potential damage to the supercharger may result.**
6. Before beginning installation, replace all spark plugs that are older than 1 year or 20,000 miles with original heat range plugs as specified by the manufacturer and reset timing to factory specifications (follow the procedures indicated within the factory repair manual and/or as indicated on the factory underhood emissions tag). **Do not use platinum spark plugs unless they are origi-**

nal equipment. Change spark plugs at least every 25,000 miles.

RECOMMENDED TOOLS FOR INSTALLATION:

1. Factory Repair Manual
2. 3/8" Socket and Drive Set: SAE & Metric
3. 1/2" Socket and Drive Set: SAE & Metric
- * 4. 3/8" NPT Tap and Handle
5. Adjustable Wrench
6. Combination Wrench Set
7. Center Punch
8. Springlock 3/8" and 5/8" Fuel Fitting Disconnect Tool
- * 9. 6 Quarts SH/CF Rated Quality Engine Oil
- * 10. Oil Filter and Wrench
11. Flat #2 Screwdriver
12. Phillips #2 Screwdriver
- * 13. Heavy Grease
14. Silicone Sealer
15. Drill Motor / Pneumatic Right Angle
16. 1/8", 13/32", 5/16" Drill Bits
17. Stepless Clamp Pliers
18. 3/16" Allen Wrench
19. Wire Strippers and Crimpers
20. Utility Knife
21. 7/8" Hole Saw (H.O. only)
22. Pliers

If your vehicle has in excess of 20,000 miles since its last spark plug change, then you will also need:

23. Spark Plug Socket
24. NEW Spark Plugs

* Applies to engine "oil-fed" supercharger units only.



2005-2006 Mustang GT, H.O.

Part No. 1001850 cont'd

PARTS LIST

IMPORTANT: Before beginning installation, verify that all parts are included in the kit. Report any shortages or damaged parts immediately.

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY.
1016137	S/C ASY, NOVI 2200 '05 MUST SAT, 3.4" PLY	1	8PN201-050	CAC ASY, '05 GT AIR/AIR	1
4FU130-036	OIL DRAIN ASY, '05 MUST GT	1	8PN101-050	WELDED CORE ASY, '05 MUST GT	1
7U030-036	1/2" OIL DRAIN HOSE	25'	4PFU012-021	DISCH DUCT, T/B '05 MUSTANG	1
7R001-008	#8 STNLS HOSE CLAMP	2	4PFU012-030	CAC TUBE, "A" '05 MUST GT	1
7P375-017	3/8"NPT x 1/2" BEADED HSE BRB	1	4PFU012-040	CAC TUBE, "B" '05 MUST GT	1
4FU130-026	OIL FEED ASY, '05 MUST GT	1	4PFU012-050	CAC TUBE, "C" '05 MUST GT	1
7U250-090-260	OIL FEED HOSE, 26" -4 x 90°	1	4PFU012-060	CAC TUBE, "D" '05 MUST GT	1
7P125-005	1/8"NPT STR x -4 JIC FTG STL	1	4PFU012-070	CAC TUBE, "E" '05 MUST GT	1
7P250-091	1/4"NPT 90° x -4 JIC FTG STL	1	7PS300-301	BUMP HOSE, Ø3.00" x 3.00"L	3
7P250-034	1/4"NPT x 1/4"NPT STRT "T"	1	7PS300-300	SLEEVE, BLACK, Ø3.00" x 3.00"L	2
4PFU112-010	AIR INLET ASY, '05 MUST GT	1	7R002-048	#48 SAE TYPE "F" SS HOSE CLAMP	14
4FU012-010	INLET DUCT, "A", '05 MUST GT	1	7R002-072	#72 SAE TYPE "F" SS HOSE CLAMP	2
4FU012-015	INLET DUCT, "B", '05 MUST GT	1	7S300-003	RUBBER ELBOW 3" MODIFIED	2
7R002-056	#56 SAE TYPE "F" SS HOSE CLAMP	1	7PS450-200	SLEEVE, BLACK Ø4.5" x 2.0"L	1
7PS400-200	SLEEVE, BLACK 4"OD x 20	3	2A017-036	SPACER, PLTBRGHSG, 0186"	4
7PS400-351	SLEEVE, 40 x 35 x 235L	1	7C080-035	M8 x 1.25" x 35 BLT CL88	4
7R002-064	#64 SAE TYPE "F" SS HOSE CLAMP	6	7F008-020	NUT, M8 x 1.25"	4
8H040-225	AIR FILTER, '05 MUST HO	1	7J312-000	5/16" FLAT WASHER-SAE	10
8A103-061	MAF WELDED ASY, '05 MUST GT	1	7R002-044	#44 SAE TYPE "F" SS HOSE CLAMP	1
7P750-102	3/4"NPT x 1" x 90° HSE FIT	1	7A312-050	5/16-18 x 1/2" HXHD GR5, ZINC	2
7P250-047	1/4"NPT TO 3/8" BARB 90°	1	8PN010-030	SUPPRT, '05 MUS COOLR DUCT, ZN	2
4FU010-071	BRKT, INTAKE SUPPORT	1	7R002-016	#16 SAE TYPE "F" SS HOSE CLAMP	8
4FU111-044	S/C MTG BRKT ASY, '05 MUST GT	1	7P156-082	5/32" TEE	2
4FU010-044	S/C MOUNT PLT, '05 MUST GT	1	7U030-046	5/32" VACUUM LINE	8'
4FU010-034	IDLER MOUNT PLATE, '05 MUST	1	8D001-001	STD COMPRESS BYPASS VALVE	2
4FU017-011	SPACER, STUDDER '05 MUST GT	2	7U133-100	HOSE, ELBOW, 90°, 1"ID, MOLDED	1
2A017-750-05	SPACER, .750"OD x 2691 LONG	2	7U034-016	1" GS HEATER HOSE	25'
2A017-750-06	SPACER, .750"OD x 2712 LONG	1	7P750-100	3/4"NPT x 1" HOSE FITTING	1
2A017-754-06	SPACER, .750"OD x 1776 LONG	1	7P218-156	VAC TEE, 7/32", 7/32", 5/32"	1
2A017-750-07	SPACER, .750"OD x 097 LONG	1	7U100-055	TIE-WRAP, 7.5" NYLON	4
4FU017-021	SPACER, ALT, '05 MUST GT	1	8N155-080	COOLANT RES RELOC, '05 MUST	1
4PCS016-160	PULLEY, IDLER, SRT10 TRUCK	1	8N055-080	TANK, RAD OVERFLOW, '05 MUST	1
2A046-120	BELT, GATES K061203	1	4FU010-051	MTG BRKT "A", RES RELOC '05 MUST	1
7A375-375	3/8-16 x 3-3/4" HX HD	1	4FU010-061	BRKT "B", COOL RES RELOC '05 MUST	1
7C080-150	M8-1.25 x 150mm HXHD CL109	1	7A250-051	1/4-20 x 50 HHCS ZINC PLTD	4
7C080-140	M8-1.25 x 140 HXHD CL88	2	7P250-045	1/4"NPT MALE x 3/8" MALE BARB	1
7A375-100	3/8-16 x 1" G5 HXHD PLT	7	7J006-093	6mm WASHER, PLATED	4
7K312-030	5/16" AN WASHER, SS	2	7R002-010	#10 SAE TYPE "F" SS HOSE CLAMP	1
7K375-040	3/8"AN960 FLAT WASHR PLATED	10	7P375-050	3/8" HOSE UNION, BRASS	1
4FU214-021	COOL BYPASS HOSE RELOC ASY, '05 GT	1	7U030-056	3/8" PCV/VAC RUBBER HOSE	25'
4FU114-021	WATER OUTLET ASY, '05 MUS GT	1	7R004-002	STEPLESS CLAMP, 170-70	3
7J875-010	7/8" SEALING WASHER	1	7C060-020	M6 x 10 x 20mm HHCS ZN	3
7F875-010	NUT, 7/8-14, SHORT/JAM	1	7J006-093	6mm WASHER, PLATED	3
7U133-050	1.5" x 90° HOSE, LONG LEG	1	4FU139-096	PCV/MAF MOD ASY, '05 GT	1
7U133-190	HOSE, COOLANT DRIV'S SIDE '05 MUS	1	7P375-106	PCV VALVE, FORD, 3/8" HOSE	1
7U038-000	3/4" HEATER HOSE	3.5'	7P625-375	REDUCER, 5/8" BARB TO 3/8" BARB	1
7P375-075	3/4" HOSE BARB UNION, BRASS	1	7R001-006	#6 STNLS HOSE CLAMP, NARROW	2
7R002-020	#20 SAE TYPE "F" SS HOSE CLAMP	4	7R001-008	#8 STNLS HOSE CLAMP	4
7R002-024	#24 SAE TYPE "F" SS HOSE CLAMP	2	7U032-016	3/8" EFI FUEL HSE HI-PSR	5'
7P125-002	FREEZE PLUG, Ø1.25, .25 TAL	1	5W018-030	18GA STRD WIRE GREY	1'
7R002-010	#10 SAE TYPE "F" SS HOSE CLAMP	4	5W018-010	18GA STRD WIRE RED	1'
7P125-016	1/8"NPT PLUG	1	5W018-020	18GA STRD WIRE BLK, UL1015	1'
4FU110-010	P/S RESERV RELOC, '05 MUST GT	1	5W018-080	18GA STRD WIRE BLUE BULK	1'
7P375-075	3/4" HOSE BARB UNION, BRASS	1	5W018-090	18GA STRD WIRE BROWN BULK	1'
7P375-050	3/8" HOSE UNION, BRASS	1	5W018-100	18GA STRD WIRE PURPLE	1'
7R001-004	#4 HOSE CLAMP	2	5W001-007	3/16" HEAT-SHRINK TUBING	1.5'
7R001-008	#8 STNLS HOSE CLAMP	2	5W001-005	3/8" PLASTIC WIRE LOOM	1.5'
7U038-030	HOSE, P/S, 3/4"ID	3'	5W001-012	18-22GA BUTT CONN RED INSUL	12
7U032-016	3/8" EFI FUEL HSE HI-PSR	3'	7U033-020	HOSE, 5/8"ID CLASS 1 EMISSIONS	6.6'
7A250-075	1/4-20 x 75 SHCS PLTD	1	3863515	DECAL PAXTON COLOR 9" x 3"	1
7J250-001	1/4" WASHER, SAE, PLTD	2	4809654	INSTRUCTION MANUAL, '05 MUS GT	1
7F250-021	1/4-20 NYLOCK NUT ZINC PLATED	1	5A001-025	DIABLO MAFia '05 MUS	1
4FU010-010	P/S RELOC BRKT, '05 GT MUST	1	5A003-035	PREDATOR '05-'06 MUS	1
7U100-055	TIE-WRAP, 7.5" NYLON	4	8F060-048	FUEL INJ. 39LB EV6, OEM 03 COB	8
			008575	S/C INFO PKT	1



2005-2006 Mustang GT, H.O.
Part No. 1001850 cont'd

PARTS LIST

IMPORTANT: Before beginning installation, verify that all parts are included in the kit. Report any shortages or damaged parts immediately.

PART NO.	DESCRIPTION	QTY.
8F101-262	FUEL PMP ASY, '05 MUST TWIN INTA	1
7U032-016	3/8" EFI FUEL HSE HI-PSR	2.3'
7U100-055	TIE-WRAP, 7.5" NYLON	4
7R004-002	STEPLESS CLAMP, 170-70	2
8F001-255	255 INTANK FUEL PUMP '86-'97	1
7R002-044	#44 SAE TYPE "F" SS HOSE CLAMP	1
7R004-006	STEPLESS CLAMP, 11.3 x 5mm WIDE	4
5W001-022	T-TAP CONN, 14-16 AWG	2
5W001-009	16-14GA MALE SLIDE INSULATED	2
5W001-080	FUSE, 20AMP MINI BLADE	1
7P375-099	Y-UNION, 3/8" BARBED TEFLON	1
7U032-025	HOSE, 5/16"ID, 3/8"OD, 1/32"W	6.25'
7U032-030	HOSE, SPIRAL 3/8" CUFF ID, 1'L	2



2005-2006 Mustang GT, Standard

Part No. 1001851

PARTS LIST

IMPORTANT: Before beginning installation, verify that all parts are included in the kit. Report any shortages or damaged parts immediately.

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY.
1016130	SUPERCHARGER ASY, 3.8 PLY	1	4FU110-010	P/S RESERVOIR RELOCATION	
4FU130-036	OIL DRAIN ASY	1	7P375-075	3/4" HOSE BARB UNION	1
7U030-036	1/2" DRAIN HOSE	2.5'	7P375-050	3/8" HOSE BARB UNION	1
7R001-008	#8 HOSE CLAMP	2	7R001-004	#4 HOSE CLAMP	2
7P375-017	3/8"NPT x 1/2" HOSE BARB	1	7R001-008	#8 HOSE CLAMP	2
4FU130-026	OIL FEED ASY	1	7U032-016	3/8" EFI HOSE	3'
7U250-090-260	OIL FEED LINE SS	1	7U038-030	HOSE, P/S, 3/4"	3'
7P125-005	1/8" x -4 JIC STRT	1	7A250-075	1/4-20 x .75" SGCS PLTD	1
7P250-091	1/4"NPT x JIC x 90° FITTING	1	7J250-001	1/4" WASHER, SAE PLTD	2
7P250-034	1/4" x STREET TEE	1	7F250-021	1/4-20 NYLOC NUT	1
4PFU112-020	DISCHARGE ASY, STD		4FU010-010	P/S RESERVOIR BRKT	1
4FU012-021	DISCHARGE DUCT, NON-COOLED	1	4FU139-096	PCV/IAT ASSEMBLY '05 GT	
7PS450-200	SLEEVE	1	7P375-106	PCV VALVE	1
7PS300-276	SLEEVE REDUCER	1	7P625-375	REDUCER	1
7R002-044	#44 CLAMP	1	7R001-006	#6 CLAMPS	2
7R002-048	#48 CLAMP	1	7R001-008	#8 HOSE CLAMPS	4
7R002-072	#72 CLAMP	2	7U030-056	3/8" VAC HOSE	1'
7R002-016	#16 CLAMP	4	7U133-024	5/8" x 90° HOSE	1
7P157-219	REDUCER UNION	1	5W018-010	18GA WIRE, RED	1'
7P156-082	5/32" TEE	1	5W018-020	18GA WIRE, BLACK	1'
7U030-046	5/32" VAC HOSE	5'	5W018-080	18GA WIRE, BLUE	1'
8D001-001	STANDARD BYPASS	1	5W018-090	18GA WIRE, BROWN	1'
7U034-016	1" HOSE	1.25'	5W018-100	18GA WIRE, PURPLE	1'
7U034-016	1" HOSE	.58'	5W018-030	18GA STRD WIRE/GRAY	
4PFU112-010	AIR INTAKE ASY		5W001-006	SHRINK SLEEVE	1.5'
4FU012-010	INLET DUCT "A"	1	5W001-005	3/8" SPLIT LOOM	1.5'
4FU012-015	INLET DUCT "B"	1	5W001-012	16-18 BUTT CONN	12
7R002-056	#56 CLAMP	1	8F060-048	'FUEL INJ. 39LB EV6, OEM 03 COB	8
7R002-064	#64 CLAMP	5	4809654	INSTRUCTION SHT	1
7PS400-200	SLEEVE, 4.0" x 2.0"	2	3863515	DECAL	2
7PS400-351	REDUCER SLEEVE, 4.0" x 3.5 x 2"L	1	008575	WARRANTY PACKET	1
8H040-225	AIR FILTER, LARGE	1	8F101-262	FUEL PUMP ASY	1
7U030-053	90° HOSE	1	5A003-035	DIABLO SPORT PREDATOR	1
7U030-056	3/8"PCV HOSE	3'			
7P375-050	3/8" x 3/8" HOSE UNION	1			
8A103-061	MAF ASY	1			
4FU010-071	BRACKET, INTAKE SUPPORT	1			
4FU111-044	SUPERCHARGER MTG BRKT ASY				
4FU010-044	S/C MTG PLATE	1			
4FU010-034	IDLER PULLEY MTG PLATE	1			
4FU017-011	SPACER, STUDDED	2			
2A017-750-05	SPACER	2			
2A017-750-06	SPACER	1			
2A017-754-06	SPACER (IDL PUL TO MTG BRKT)	1			
2A017-750-07	SPACER (IDLER PULLEY SHORT)	1			
4FU017-021	IDLER PULLEY STANDOFF	1			
7K312-030	5/16"AN WASHER	4			
7A375-375	3/8-16 x 3.75" HXHD BOLT	1			
7A375-100	3/8-16 x 1.00" HXHD BOLT	7			
7K375-030	3/8"AN WASHER	8			
7C080-150	8mm x 1.25" x 150 BOLT	1			
7C080-140	8mm x 1.25" x 140 BOLT	2			
4PCS016-160	PULLEY, 3.5"	1			
2A046-120	BELT, GATES K061203	1			
4FU214-021	COOLANT BYPASS HOSE RELOC ASY, '05 GT	1			
4FU114-021	WATER OUTLET ASY, '05 MUS GT	1			
7J875-010	7/8" SEALING WASHER	1			
7F875-010	NUT, 7/8-14, SHORT/JAM	1			
7U133-050	1.5" x 90° HOSE, LONG LEG	1			
7U133-190	HOSE, COOLANT DRIV'S SIDE '05 MUS	1			
7U038-000	3/4" HEATER HOSE	3.5'			
7P375-075	3/4" HOSE BARB UNION, BRASS	1			
7ROO2-020	#20 SAE TYPE "F" SS HOSE CLAMP	4			
7ROO2-024	#24 SAE TYPE "F" SS HOSE CLAMP	2			
7P125-002	FREEZE PLUG, Ø1.25, .25 TAL	1			
7R002-010	#10 SAE TYPE "F" SS HOSE CLAMP	4			
7P125-016	1/8"NPT PLUG	1			



2007-2008 Mustang GT, H.O.

Part No. 1001852

PARTS LIST

IMPORTANT: Before beginning installation, verify that all parts are included in the kit. Report any shortages or damaged parts immediately.

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY.
008575	S/C STRT INFO PKG ASY PAXTON	2	5W0011-007	3/16" HEAT-SHRINK TUBING	1.5'
1016137	S/C ASY, G3 NOVI 2200 '05 MUS	1	5W0011-005	3/8" PLASTIC WIRE LOOM	1.5'
3863515	DECAL, PAXTON COLOR 9" x 3"	1	5W001-012	18-22GA BUTT CONN, RED INSUL	12
4809654	INSTR MANUAL, '05 MUS GT	1	7U033-020	HOSE, 5.8"ID, CLASS 1 EMISSIONS	.6'
4FU110-010	P/S RESERVOIR RELOCATION, '05 MUS GT	1	4PFU112-010	AIR INLET ASY, '05 MUS GT	1
7P375-075	3/4"HOSE BARB UNION, BRASS	1	4FU012-010	INLET DUCT "A", '05 MUS GT	1
7P375-050	3/8" HOSE UNION, BRASS	1	4FU012-015	INLET DUCT "B", '05 MUS GT	1
7R001-004	#4 HOSE CLAMP	2	7R002-056	#56 SAE TYPE "F" SS HOSE CLAMP	1
7R001-008	#8 STNLS HOSE CLAMP	2	7PS400-200	SLEEVE, BLACK 4.0"OD x 2"L	3
7U038-030	HOSE, P/S, 3/4"ID	3'	7PS400-351	SLEEVE, 4.0" x 3.5" x 2.35"L	1
7U032-016	3/8" EFI FUEL HOSE, HI-PSR	3'	7R002-064	#64 SAE TYPE "F" SS HOSE CLAMP	6
7A250-075	1/4-20 x .75" SHCS PLTD	1	8H040-235	AIR FILTER, 4.0"FLG x 7.0"L	1
7J250-001	1/4" WASHER, SAE, PLTD	2	8A003-071	MAF, 3.8"ID, '05 MUS GT	1
7F250-021	1/4-20 NYLOCK NUT, ZINC PLATED	1	7P750-102	3/4"NPT x 1" x 90° HOSE FIT	1
4FU010-010	P/S RELOC BRKT, '05 MUS GT	1	7P250-047	1/4"NPT TO 3/8" BARB x 90°	1
7U100-055	TIE-WRAP, 7.5" NYLON	4	4FU010-071	BRKT, INTAKE SUPPORT	1
4FU111-044	S/C MTG BRKT ASY, '05 MUS GT	1	7U032-016	3/8" EFI FUEL HOSE, HI-PSR	4'
4FU010-044	S/C MOUNT PLT, '05 MUS GT	1	4FU013-010	COVER, AIR FILTER, '05 MUS GT	1
4FU010-034	IDLER MOUNT PLATE, '05 MUS GT	1	5A001-025	DIABLO MAFia, '05 MUS	1
4FU017-011	SPACER, STUDDER '05 MUS GT	2	5A003-038	PREDATOR, '07 MUS	1
2A017-750-05	SPACER, .750"OD x 2.691"L	2	8F060-048	FUEL INJ, 39LB EV6, OEM 03 COB	8
2A017-750-06	SPACER, .750"OD x 2.712"L	1	8F101-262	FUEL PMP, ASY '05 MUS TWIN INTA	1
2A017-879-08	SPACER, .875"OD x 1.776L	1	7U032-0116	3/8" EFI FUEL HOSE, HI-PSR	.23'
2A017-750-07	SPACER, .750"OD x .097"L	1	7U100-055	TIE-WRAP, 7.5" NYLON	4
4FU017-021	SPACER, IDLER, '05 MUS GT	1	7R004-002	STEPLESS CLAMP, 17.0-70	2
4PCS016-160	PULLEY, IDLER, SRT10 TRUCK	1	8F001-255	255 INTANK FUEL PUMP, '86-'97	1
2A046-120	BELT, GATES K061203	1	7R002-044	#44 SAE TYPE "F" SS HOSE CLAMP	1
7A375-375	3/8-16 x 3-3/4" HXHD	1	7R004-006	STEPLESS CLAMP, 11.3 x 5mm WIDE	4
7C080-150	M8 x 1.25 x 150mm HXHD CL10.9	1	5W001-022	T-TAP CONN, 14-16 AWG	2
7C080-140	M8 x 1.25 x 140mm HXHD CL8.8	2	5W001-009	16-14GA MALE SLIDE INSULATED	2
7A375-100	3/8-16 x 1" G5 HHCS, PLT	7	5W001-080	FUSE, 20AMP MINI BLADE	1
7K312-030	5/16" AN WASHER, SS	2	7P375-099	Y-UNION, 3/8" BARBED TEFLON	1
7K375-040	3/8"AN960 FLAT WASHER, PLATED	10	7U032-025	HOSE, 5/16"ID, 3/8"OD, 1/32"W	.125'
4FU114-030	WATER PIPE ASY, '07 MUS GT	1	7U032-030	HOSE, SPIRAL 3/8" CUFF ID, 1"L	2
4FU014-051	HOUSING, THRMST RELC, '07 MUS GT	1	8N155-082	COOLANT RES RELOOC, '07 MUS	1
7C060-015	M6 x 1.0 x 16mm SHCS CL10.9+ Z	2	8N055-080	TANK, RAD OVERFLOW, '05 MUS	1
7U012-0188	O-RING, '07 MUS GT THERM HSG	2	4FU010-061	BRKT "B", COOL RES RELOC, '05 MUS	1
4FU014-060	WATER PIPE, Ø1.5" x 90°, '07 MUS	1	7A250-051	1/4-20 x .50 HHCS ZINC PLTD	4
7R002-024	#24 SAE TYPE "F" SS HOSE CLAMP	5	7P250-045	1/4" MALE NPT x 3/8" MALE BARB	1
5W001-085	SLEEVE, FLEX BRD, Ø1.5" NOM.	.83'	7J006-093	6mm WASHER, PLATED	10
7C060-025	M6 x 1.0 x 25mm HX	2	7P375-050	3/8" HOSE UNION, BRASS	1
7J006-094	6mm WASHER, SS	2	7U030-056	3/8" PCV/VAC RUBBER HOSE	2.5'
4FE014-010	PADIATOR PIPE - STAINLESS	1	7R004-002	STEPLESS CLAMP, 17.0-70	3
4FU130-026	OIL FEED ASY, '05 MUS GT	1	4FU010-091	BRKT, COOL RES RELOC, '07 MUS GT	1
7U250-260	OIL FEED HOSE, 26" -4 x 90°	1	7A250-074	1/4-20 x .75" HHCS PLTD	3
7P125-005	1/8"NPT STR, x -4 JIC FTG STL	1	7F250-021	1/4-20 NYLOCK NUT ZINC PLATED	3
7P250-091	1/4"NPT x 90° x -4 JIC FTG STL	1	7R002-010	#10 SAE TYPE "F" SS HOSE CLAMP	2
7P250-034	1/4"NPT x 1/4"NPT STRT T	1	7U038-000	3/4" HEATER HOSE	1.83'
4FU130-036	OIL DRAIN ASY, '05 MUS GT	1	7P100-076	HOSE REDUCER, 1" TO 3/4" PLSTC	1
7U030-036	1/2" OIL DRAIN HOSE	2.5'	8PN201-060	CAC ASY, '07 MUS GT, AIR/AIR	1
7R001-008	#8 STNLS HOSE CLAMP	2	8PN101-050	WELDED CORE ASY, '05 MUS GT	1
7P375-017	3/8"NPT x 1/2" BEADED HSE BARB	1	4PFU012-021	DISCH DUCT, T/B, '05 MUS	1
4FU139-096	PVC/MAF MOD ASY, '05 GT	1	4PFU012-080	CAC TUBE "A", '07 MUS GT	1
7P375-106	PCV VALVE, FORD, 3/8" HOSE	1	4PFU012-050	CAC TUBE "C", '05 MUS GT	1
7P625-375	REDUCER, 5/8" BARB TO 3/8" BARB	1	4PFU012-060	CAC TUBE "D", '05 MUS GT	1
7R001-006	#6 STNLS HOSE CLAMP, NARROW	2	4PFU012-070	CAC TUBE "E", '05 MUS GT	1
7R001-008	#8 STNLS HOSE CLAMP	3	7PS300-301	BUMP HOSE, 3.0"OD x 3.00"L	1
7R002-010	#10 SAE TYPE "F" SS HOSE CLAMP	1	7PS300-300	SLEEVE, BLACK, 3.0"OD x 3.00"L	1
7U032-016	3/8" EFI FUEL HOSE HI-PSR	.5'	7R002-048	#48 SAE TYPE "F" SS HOSE CLAMP	13
5W018-030	18GA STRD WIRE, GREY	1'	7R002-072	#72 SAE TYPE "F" SS HOSE CLAMP	2
5W018-010	18GA STRD WIRE, RED	1'	7S300-003	RUBBER ELBOW, 3" MODIFIED	2
5W018-020	18GA STRD WIRE, BLK, UL1015	1'	7PS450-200	SLEEVE, BLACK 4.5D x 2.0"	1
5W018-080	18GA STRD WIRE, BLUE, BULK	1'	2A017-036	SPACER, PLT BRG HSG, 0.186"	4
5W018-090	18GA STRD WIRE, BROWN, BULK	1'	9S1018-750	Ø3/4" 1018 STEEL ROD	1.72"
5W0118-100	18GA STRD WIRE, PURPLE	1'	7C080-030	M8 x 1.25 x 30 HXHD CL10.9	4
			7F008-020	NUT, M8 x 1.25	4

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2007-2008 Mustang GT, H.O.
Part No. 1001852, cont'd

PARTS LIST

IMPORTANT: Before beginning installation, verify that all parts are included in the kit. Report any shortages or damaged parts immediately.

PART NO.	DESCRIPTION	QTY.
7J3112-000	5/16" FLAT WASHER - SAE	10
7R002-044	#44 SAE TYPE "F" SS HOSE CLAMP	1
7A312-050	5/16-18 x 1/2" HXHD, GR5 ZINC	2
8PN010-030	SUPPORT, '05 MUS COOLER DUCT, ZN	2
7R002-016	#16 SAE TYPE "F" SS HOSE CLAMP	8
7P1156-082	5/32" TEE	2
7U030-046	5/32" VACUUM LINE	8'
8D001-001	STD COMPRESS BYPASS VALVE	2
7U034-016	1" GS HEATER HOSE	2.5'
7P750-100	3/4"NPT x 1" HOSE FITTING	1
7P218-156	VAC TEE, 7/32", 7/32", 5/32"	1
7U100-055	TIE-WRAP, 7.5" NYLON	4
7R002-040	#40 SAE TYPE "F" SS HOSE CLAMP	1
7U133-045	RUBBER ELBOW, Ø1" x 45°	1
7PS300-275	REDUCER, BLK, Ø3" TO 2.75"	1
7PS300-045	ELBOW, BLK-SIL Ø3" x 45°	1



2007-2008 Mustang GT, Standard

Part No. 1001853

PARTS LIST

IMPORTANT: Before beginning installation, verify that all parts are included in the kit. Report any shortages or damaged parts immediately.

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY.
1016130	S/C ASY, NOVI-1200, '05 MUS SATIN	1	5W001-005	3/8" PLASTIC WIRE LOOM	1.5'
4FU130-036	OIL DRAIN ASY, '05 MUS GT	1	5W001-012	18-22GA BUTT CONN RED INSUL	12
7U030-036	1/2" OIL DRAIN HOSE	2.5'	7U033-020	HOSE, 5/8"ID CLASS 1 EMISSIONS	.66'
7R001-008	#8 STNLS HOSE CLAMP	2	4FU114-030	WATER PIPE ASY, '07 MUS GT	1
7P375-017	3/8"NPT x 1/2" BEADED HSE BARB	1	4FU014-051	HOUSING, THRMST RELC, '07 MLUS GT	1
4FU130-026	OIL FEED ASY, '05 MUS GT	1	7C060-015	M6 x 1.0" x 16mm SHCS CL10.9+ Z	2
7U250-090-260	OIL FEED HOSE, 26" -4 x 90°	1	7U012-018	O-RING, '07 MUS GT THERM HSG	1
7P1125-005	1/8"NPT STR x -4 JIC FTG STL	1	4FU014-060	WATER PIPE, Ø1.5 x 90°, '07 MUS	1
7P250-091	1/4"NPT x 90° x -4 JIC FTG STL	1	7R002-024	#24 SAE TYPE "F" SS HOSE CLAMP	5
7P250-034	1/4"NPT x 1/4"NPT STRT T	1	5W001-085	SLEEVE, FLEX BRD Ø1.5" NOM.	.83'
4PFU112-020	DISCH ASY, '05 MUS GT STD	1	7C060-025	M6 x 1.0 x 25mm HX	2
4FU012-020	DUCT, DISCH, '05 MUS GT STD	1	7J006-094	6mm WASHER SS	2
7PS450-200	SLEEVE, BLACK 4.5"OD x 2.0" I	1	4FE014-010	RADIATOR PIPE-STAINLESS	1
7PS300-276	REDUCER, 3.0" x 2.75" x 2.5L	1	4FU110-010	P/S RESERV RELOC, '05 MUS GT	1
7R002-044	#44 SAE TYPE "F" SS HOSE CLAMP	1	7P375-075	3/4" HOSE BARB UNION, BRASS	1
7R002-048	#48 SAE TYPE "F" SS HOSE CLAMP	1	7P375-050	3/8" HOSE UNION, BRASS	1
7R002-072	#72 SAE TYPE "F" SS HOSE CLAMP	2	7R001-004	#4 HOSE CLAMP	2
7R002-016	#16 SAE TYPE "F" SS HOSE CLAMP	4	7R001-008	#8 STNLS HOSE CLAMP	2
7U030-046	5/32" VACUUM LINE	5'	7U038-030	HOSE, P/S, 3/4"ID	3'
8D001-001	STD COMPRESS BYPASS VALVE	1	7U032-016	3/8" EFI FUEL HSE, HI-PSR	3'
7U034-016	1" GS HEATER HOSE	1.25'	7A250-075	1/4-20 x .75" SHCS PLTD	1
7U034-016	1" GS HEATER HOSE	.583'	7J250-001	1/4" WASHER, SAE, PLTD	2
7P218-156	VAC TEE, 7/32", 7/32", 5/32"	1	7F250-021	1/4-20 NYLOCK NUT ZINC PLATED	1
4PFU112-010	AIR INLET ASY, '05 MUS GT	1	4FU010-010	P/S RELOC BRKT, '05 MUS GT	1
4FU012-010	INLET DUCT "A", '05 MUS GT	1	7U100-055	TIE-WRAP, 7.5" NYLON	4
4FU012-015	INLET DUCT "B", '05 MUS GT	1	8F060-048	FUEL INJ. 38LB EV6, OEM 03 COB	8
7R002-056	#56 SAE TYPE "F" SS HOSE CLAMP	1	008575	S/C STRT INFO PKG ASY, PAXT	1
7PS400-200	SLEEVE, BLACK 4.0"OD x 2.0	3	3863515	DECAL, PAXTON COLOR 9" x 3"	1
7PS400-351	SLEEVE, 4.0" x 3.5" x 2.35L	1	4809654	INSTR MAN, '05 MUS GT	1
7R002-064	#64 SAE TYPE "F" SS HOSE CLAMP	6	5A003-038	PREDATOR, '07 MUS	1
8H040-235	AIR FILTER, 4.0"FLG x 7.0"L	1	8F101-262	FUEL PMP ASY, '05 MUS TWIN INTA	1
8A003-071	MAF, 3.8"ID, '05 MUS GT	1	7U032-016	3/8" EFI FUEL HSE, HI-PSR	.23'
7P750-102	3/4"NPT x 1" x 90° HSE FIT	1	7U100-055	TIE-WRAP, 7.5" NYLON	4
7P250-047	1/4"NPT TO 3/8" BARB x 90°	1	7R004-002	STEPLESS CLAMP, 17.0-70	2
4FU010-071	BRKT, INTAKE SUPPORT	1	8F001-255	255 INTANK FUEL PUMP, '86-'97	1
7U032-016	3/8" EFI FUEL HSE, HI-PSR	4'	7R002-044	#44 SAE TYPE "F" SS HOSE CLAMP	1
4FU013-010	COVER, AIR FILTER, '05 MUS GT	1	7R004-006	STEPLESS CLAMP, 11.3 x 5mm WID	4
4FU111-044	S/C MTG BRKT ASY, '05 MUS GT	1	5W001-022	T-TAP CONN 14-16 AWG	2
4F010-044	S/C MOUNT PLT, '05 MUS GT	1	5W001-009	16-14GA MALE SLIDE INSULATED	2
4FU010-034	IDLER MOUNT PLATE, '05 MUS	1	5W001-080	FUSE, 20AMP, MINI BLADE	1
7FU017-011	SPACER, STUDDER, '05 MUS GT	2	7P375-099	Y-UNION, 3/8" BARBED TEFLON	1
2A017-750-05	SPACER, .750"OD x 2.69"L	2	7U032-025	HOSE, 5/16"ID x 3/8"OD x 1/32"W	.125'
2A017-750-06	SPACER, .750"OD x 2.712"L	1	7U032-030	HOSE, SPIRAL 3/8" CUFF ID, 1"L	2
2A017-879-08	SPACER, .875"OD x 1.776"L	1			
2A017-750-07	SPACER, .750"OD x .097"L	1			
4FU017-021	SPACER, IDLER, '05 MUS GT	1			
4PCS016-160	PULLEY, IDLER, SRT10 TRUCK	1			
2A046-120	BELT, GATES KO61203	1			
7A375-375	3/8-16 x 3-3/4" HXHD	1			
7C080-150	M8 x 1.25 x 150mm HXHD CL10.9	1			
7C080-140	M8 x 1.25 x 140mm HXHD CL8.8	2			
7A375-100	3/8-16 x 1" HHCS, PLT	7			
7K312-030	5/16" AN WASHER, SS	2			
7K375-040	3/8"AN960 FLAT WASHER PLATED	10			
4FU139-096	PCV/MAF MOD ASY, '05 MUS GT	1			
7P375-106	PCV VALVE, FORD, 3/8" HOSE	1			
7P625-375	REDUCER, 5/8" BARB TO 3/8 BARB	1			
7R001-006	#6 STNLS HOSE CLAMP, NARROW	2			
7R001-008	#8 STNLS HOSE CLAMP	3			
7R002-010	#10 SAE TYPE "F" SS HOSE CLAMP	1			
7U032-016	3/8" EFI FUEL HSE, HI-PSR	.5'			
5W018-030	18GA STRD WIRE GREY	1'			
5W018-010	18GA STRD WIRE RED	1'			
5W018-020	18GA STRD WIRE BLK, UL1015	1'			
5W018-080	18GA STRD WIRE BLUE BULK	1'			
5W018-090	18GA STRD WIRE BROWN BULK	1'			
5W018-100	18GA STRD WIRE PURPLE	1'			
5W001-007	3/16" HEAT-SHRINK TUBING	1.5'			

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2005-2006 Mustang GT, H.O. Part No. 1001850SL

PARTS LIST

IMPORTANT: Before beginning installation, verify that all parts are included in the kit. Report any shortages or damaged parts immediately.

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY.
1016158	S/C ASY, NOVI 2200 '05 MUST SAT, 3.40" PLY	1	7PS300-301	BUMP HOSE, Ø3.00" x 3.00"L	3
4PFU112-010	AIR INLET ASY, '05 MUST GT	1	7PS300-300	SLEEVE, BLACK, Ø3.00" x 3.00"L	2
4FU012-010	INLET DUCT, "A", '05 MUST GT	1	7R002-048	#48 SAE TYPE "F" SS HOSE CLAMP	14
4FU012-015	INLET DUCT, "B", '05 MUST GT	1	7R002-072	#72 SAE TYPE "F" SS HOSE CLAMP	2
7R002-056	#56 SAE TYPE "F" SS HOSE CLAMP	1	7S300-003	RUBBER ELBOW 3" MODIFIED	2
7PS400-200	SLEEVE, BLACK 4"OD x 20	3	7PS450-200	SLEEVE, BLACK Ø4.5" x 2.0"L	1
7PS400-351	SLEEVE, 40 x 35 x 235L	1	2A017-036	SPACER, PLTBRGHS, 0186"	4
7R002-064	#64 SAE TYPE "F" SS HOSE CLAMP	6	7C080-035	M8 x 1.25" x 35 BLT CL88	4
8H040-225	AIR FILTER, '05 MUST HO	1	7F008-020	NUT, M8 x 1.25"	4
8A103-061	MAF WELDED ASY, '05 MUST GT	1	7J312-000	5/16" FLAT WASHER-SAE	10
7P750-102	3/4"NPT x 1" x 90° HSE FIT	1	7R002-044	#44 SAE TYPE "F" SS HOSE CLAMP	1
7P250-047	1/4"NPT TO 3/8" BARB 90°	1	7A312-050	5/16-18 x 1/2" HXHD GR5, ZINC	2
4FU010-071	BRKT, INTAKE SUPPORT	1	8PN010-030	SUPPRT, '05 MUS COOLR DUCT, ZN	2
4FU111-044	S/C MTG BRKT ASY, '05 MUST GT	1	7R002-016	#16 SAE TYPE "F" SS HOSE CLAMP	8
4FU010-044	S/C MOUNT PLT, '05 MUST GT	1	7P156-082	5/32" TEE	2
4FU010-034	IDLER MOUNT PLATE, '05 MUST	1	7U030-046	5/32" VACUUM LINE	8'
4FU017-011	SPACER, STUDDED '05 MUST GT	2	8D001-001	STD COMPRESS BYPASS VALVE	2
2A017-750-05	SPACER, .750"OD x 2691 LONG	2	7U133-100	HOSE, ELBOW, 90°, 1"ID, MOLDED	1
2A017-750-06	SPACER, .750"OD x 2712 LONG	1	7U034-016	1" GS HEATER HOSE	25'
2A017-754-06	SPACER, .750"OD x 1776 LONG	1	7P750-100	3/4"NPT x 1" HOSE FITTING	1
2A017-750-07	SPACER, .750"OD x 097 LONG	1	7P218-156	VAC TEE, 7/32", 7/32", 5/32"	1
4FU017-021	SPACER, ALT, '05 MUST GT	1	7U100-055	TIE-WRAP, 7.5" NYLON	4
4PCS016-160	PULLEY, IDLER, SRT10 TRUCK	1	8N155-080	COOLANT RES RELOC, '05 MUST	1
2A046-120	BELT, GATES K061203	1	8N055-080	TANK, RAD OVERFLOW, '05 MUST	1
7A375-375	3/8-16 x 3-3/4" HX HD	1	4FU010-051	MTG BRKT "A", RES RELOC '05 MUST	1
7C080-150	M8 x 1.25" x 150mm HXHD CL109	1	4FU010-061	BRKT "B", COOL RES RELOC '05 MUST	1
7C080-140	M8 x 1.25" x 140 HXHD CL88	2	7A250-051	1/4-20 x 50 HHCS ZINC PLTD	4
7A375-100	3/8-16 x 1" G5 HXHD PLT	7	7P250-045	1/4"NPT MALE x 3/8" MALE BARB	1
7K312-030	5/16" AN WASHER, SS	2	7J006-093	6mm WASHER, PLATED	4
7K375-040	3/8"AN960 FLAT WASHR PLATED	10	7R002-010	#10 SAE TYPE "F" SS HOSE CLAMP	1
4FU214-021	COOL BYPASS HOSE RELOC ASY, '05 GT	1	7P375-050	3/8" HOSE UNION, BRASS	1
4FU114-021	WATER OUTLET ASY, '05 MUS GT	1	7U030-056	3/8" PCV/VAC RUBBER HOSE	25'
7J875-010	7/8" SEALING WASHER	1	7R004-002	STEPLESS CLAMP, 170-70	3
7F875-010	NUT, 7/8-14, SHORT/JAM	1	7C060-020	M6 x 10 x 20mm HHCS ZN	3
7U133-050	1.5" x 90° HOSE, LONG LEG	1	7J006-093	6mm WASHER, PLATED	3
7U133-190	HOSE, COOLANT DRIV'S SIDE '05 MUS	1	4FU139-096	PCV/MAF MOD ASY, '05 GT	1
7U038-000	3/4" HEATER HOSE	3.5'	7P375-106	PCV VALVE, FORD, 3/8" HOSE	1
7P375-075	3/4" HOSE BARB UNION, BRASS	1	7P625-375	REDUCER, 5/8" BARB TO 3/8" BARB	1
7R002-020	#20 SAE TYPE "F" SS HOSE CLAMP	4	7R001-006	#6 STNLS HOSE CLAMP, NARROW	2
7R002-024	#24 SAE TYPE "F" SS HOSE CLAMP	2	7R001-008	#8 STNLS HOSE CLAMP	4
7P125-002	FREEZE PLUG, Ø1.25, .25 TAL	1	7U032-016	3/8" EFI FUEL HSE HI-PSR	5'
7R002-010	#10 SAE TYPE "F" SS HOSE CLAMP	4	5W018-030	18GA STRD WIRE GREY	1'
7P125-016	1/8"NPT PLUG	1	5W018-010	18GA STRD WIRE RED	1'
4FU110-010	P/S RESERV RELOC, '05 MUST GT	1	5W018-020	18GA STRD WIRE BLK, UL1015	1'
7P375-075	3/4" HOSE BARB UNION, BRASS	1	5W018-080	18GA STRD WIRE BLUE BULK	1'
7P375-050	3/8" HOSE UNION, BRASS	1	5W018-090	18GA STRD WIRE BROWN BULK	1'
7R001-004	#4 HOSE CLAMP	2	5W018-100	18GA STRD WIRE PURPLE	1'
7R001-008	#8 STNLS HOSE CLAMP	2	5W001-007	3/16" HEAT-SHRINK TUBING	1.5'
7U038-030	HOSE, P/S, 3/4"ID	3'	5W001-005	3/8" PLASTIC WIRE LOOM	1.5'
7U032-016	3/8" EFI FUEL HSE HI-PSR	3'	5W001-012	18-22GA BUTT CONN RED INSUL	12
7A250-075	1/4-20 x 75 SHCS PLTD	1	7U033-020	HOSE, 5/8"ID CLASS 1 EMISSIONS	6.6'
7J250-001	1/4" WASHER, SAE, PLTD	2	3863515	DECAL PAXTON COLOR 9" x 3"	1
7F250-021	1/4-20 NYLOCK NUT ZINC PLATED	1	4809654	INSTRUCTION MANUAL, '05 MUS GT	1
4FU010-010	P/S RELOC BRKT, '05 GT MUST	1	5A001-025	DIABLO MAFia '05 MUS	1
7U100-055	TIE-WRAP, 7.5" NYLON	4	5A003-035	PREDATOR '05-'06 MUS	1
8PN201-050	CAC ASY, '05 GT AIR/AIR	1	8F060-048	FUEL INJ. 39LB EV6, OEM 03 COB	8
8PN101-050	WELDED CORE ASY, '05 MUST GT	1	8F101-262	FUEL PUMP ASY, '05 MUS TWIN IN	1
4PFU012-021	DISCH DUCT, T/B '05 MUSTANG	1	009030	3-PACK S/C LUBE	1
4PFU012-030	CAC TUBE, "A" '05 MUST GT	1			
4PFU012-040	CAC TUBE, "B" '05 MUST GT	1			
4PFU012-050	CAC TUBE, "C" '05 MUST GT	1			
4PFU012-060	CAC TUBE, "D" '05 MUST GT	1			
4PFU012-070	CAC TUBE, "E" '05 MUST GT	1			



2005-2006 Mustang GT, H.O.
Part No. 1001850SL, cont'd

PARTS LIST

IMPORTANT: Before beginning installation, verify that all parts are included in the kit. Report any shortages or damaged parts immediately.

PART NO.	DESCRIPTION	QTY.
8F101-262	FUEL PMP ASY, '05 MUST TWIN INTA	1
7U032-016	3/8" EFI FUEL HSE HI-PSR	2.3'
7U100-055	TIE-WRAP, 7.5" NYLON	4
7R004-002	STEPLESS CLAMP, 170-70	2
8F001-255	255 INTANK FUEL PUMP '86-'97	1
7R002-044	#44 SAE TYPE "F" SS HOSE CLAMP	1
7R004-006	STEPLESS CLAMP, 11.3 x 5mm WIDE	4
5W001-022	T-TAP CONN, 14-16 AWG	2
5W001-009	16-14GA MALE SLIDE INSULATED	2
5W001-080	FUSE, 20AMP MINI BLADE	1
7P375-099	Y-UNION, 3/8" BARBED TEFLON	1
7U032-025	HOSE, 5/16"ID, 3/8"OD, 1/32"W	6.25'
7U032-030	HOSE, SPIRAL 3/8" CUFF ID, 1'L	2



2005-2006 Mustang GT, Standard, SL

Part No. 1001851SL

PARTS LIST

IMPORTANT: Before beginning installation, verify that all parts are included in the kit. Report any shortages or damaged parts immediately.

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY.
1016154	SUPERCHARGER ASY, 3.8 PLY	1	7F250-021	1/4-20 NYLOC NUT	1
4PFU112-020	DISCHARGE ASY, STD		4FU010-010	P/S RESERVOIR BRKT	1
4FU012-021	DISCHARGE DUCT, NON-COOLED	1	4FU139-096	PCV/IAT ASSEMBLY '05 GT	
7PS450-200	SLEEVE	1	7P375-106	PCV VALVE	1
7PS300-276	SLEEVE REDUCER	1	7P625-375	REDUCER	1
7R002-044	#44 CLAMP	1	7R001-006	#6 CLAMPS	2
7R002-048	#48 CLAMP	1	7R001-008	#8 HOSE CLAMPS	4
7R002-072	#72 CLAMP	2	7U030-056	3/8" VAC HOSE	1'
7R002-016	#16 CLAMP	4	7U133-024	5/8" x 90° HOSE	1
7P157-219	REDUCER UNION	1	5W018-010	18GA WIRE, RED	1'
7P156-082	5/32" TEE	1	5W018-020	18GA WIRE, BLACK	1'
7U030-046	5/32" VAC HOSE	5'	5W018-080	18GA WIRE, BLUE	1'
8D001-001	STANDARD BYPASS	1	5W018-090	18GA WIRE, BROWN	1'
7U034-016	1" HOSE	1.25'	5W018-100	18GA WIRE, PURPLE	1'
7U034-016	1" HOSE	.58'	5W018-030	18GA STRD WIRE/GRAY	
4PFU112-010	AIR INTAKE ASY		5W001-006	SHRINK SLEEVE	1.5'
4FU012-010	INLET DUCT "A"	1	5W001-005	3/8" SPLIT LOOM	1.5'
4FU012-015	INLET DUCT "B"	1	5W001-012	16-18 BUTT CONN	12
7R002-056	#56 CLAMP	1	8F060-048	FUEL INJ. 39LB EV6, OEM 03 COB	8
7R002-064	#64 CLAMP	5	4809654	INSTRUCTION SHT	1
7PS400-200	SLEEVE, 4.0" x 2.0"	2	3863515	DECAL	2
7PS400-351	REDUCER SLEEVE, 4.0" x 3.5 x 2"L	1	008575	WARRANTY PACKET	1
8H040-225	AIR FILTER, LARGE	1	8F101-262	FUEL PUMP ASY	1
7U030-053	90° HOSE	1	5A003-035	DIABLO SPORT PREDATOR	1
7U030-056	3/8"PCV HOSE	3'	009030	3-PACK S/C LUBE	1
7P375-050	3/8" x 3/8" HOSE UNION	1			
8A103-061	MAF ASY	1			
4FU010-071	BRACKET, INTAKE SUPPORT	1			
4FU111-044	SUPERCHARGER MTG BRKT ASY				
4FU010-044	S/C MTG PLATE	1			
4FU010-034	IDLER PULLEY MTG PLATE	1			
4FU017-011	SPACER, STUDDER	2			
2A017-750-05	SPACER	2			
2A017-750-06	SPACER	1			
2A017-754-06	SPACER (IDL PUL TO MTG BRKT)	1			
2A017-750-07	SPACER (IDLER PULLEY SHORT)	1			
4FU017-021	IDLER PULLEY STANDOFF	1			
7K312-030	5/16"AN WASHER	4			
7A375-375	3/8-16 x 3.75" HXHD BOLT	1			
7A375-100	3/8-16 x 1.00" HXHD BOLT	7			
7K375-030	3/8"AN WASHER	8			
7C080-150	8mm x 1.25" x 150 BOLT	1			
7C080-140	8mm x 1.25" x 140 BOLT	2			
4PCS016-160	PULLEY, 3.5"	1			
2A046-120	BELT, GATES K061203	1			
4FU214-021	COOLANT BYPASS HOSE RELOC ASY, '05 GT	1			
4FU114-021	WATER OUTLET ASY, '05 MUS GT	1			
7J875-010	7/8" SEALING WASHER	1			
7F875-010	NUT, 7/8-14, SHORT/JAM	1			
7U133-050	1.5" x 90° HOSE, LONG LEG	1			
7U133-190	HOSE, COOLANT DRIV'S SIDE '05 MUS	1			
7U038-000	3/4" HEATER HOSE	3.5'			
7P375-075	3/4" HOSE BARB UNION, BRASS	1			
7ROO2-020	#20 SAE TYPE "F" SS HOSE CLAMP	4			
7ROO2-024	#24 SAE TYPE "F" SS HOSE CLAMP	2			
7P125-002	FREEZE PLUG, Ø1.25, .25 TAL	1			
7R002-010	#10 SAE TYPE "F" SS HOSE CLAMP	4			
7P125-016	1/8"NPT PLUG	1			
4FU110-010	P/S RESERVOIR RELOCATION				
7P375-075	3/4" HOSE BARB UNION	1			
7P375-050	3/8" HOSE BARB UNION	1			
7R001-004	#4 HOSE CLAMP	2			
7R001-008	#8 HOSE CLAMP	2			
7U032-016	3/8" EFI HOSE	3'			
7U038-030	HOSE, P/S, 3/4"	3'			
7A250-075	1/4-20 x .75" SGCS PLTD	1			
7J250-001	1/4" WASHER, SAE PLTD	2			



2007-2008 Mustang GT, H.O., SL

Part No. 1001852SL

PARTS LIST

IMPORTANT: Before beginning installation, verify that all parts are included in the kit. Report any shortages or damaged parts immediately.

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY.
009030	3-PACK S/C LUBE	1	4PFU112-010	AIR INLET ASY, '05 MUS GT	1
008575	S/C STRT INFO PKG ASY PAXTON	2	4FU012-010	INLET DUCT "A", '05 MUS GT	1
1016158	S/C ASY, NOVI 2200 '05 MUS	1	4FU012-015	INLET DUCT "B", '05 MUS GT	1
3863515	DECAL, PAXTON COLOR 9" x 3"	1	7R002-056	#56 SAE TYPE "F" SS HOSE CLAMP	1
4809654	INSTR MANUAL, '05 MUS GT	1	7PS400-200	SLEEVE, BLACK 4.0"OD x 2"L	3
4FU110-010	P/S RESERVOIR RELOCATION, '05 MUS GT	1	7PS400-351	SLEEVE, 4.0" x 3.5" x 2.35"L	1
7P375-075	3/4"HOSE BARB UNION, BRASS	1	7R002-064	#64 SAE TYPE "F" SS HOSE CLAMP	6
7P375-050	3/8" HOSE UNION, BRASS	1	8H040-235	AIR FILTER, 4.0"FLG x 7.0"L	1
7R001-004	#4 HOSE CLAMP	2	8A003-071	MAF, 3.8"ID, '05 MUS GT	1
7R001-008	#8 STNLS HOSE CLAMP	2	7P750-102	3/4"NPT x 1" x 90° HOSE FIT	1
7U038-030	HOSE, P/S, 3/4"ID	3'	7P250-047	1/4"NPT TO 3/8" BARB x 90°	1
7U032-016	3/8" EFI FUEL HOSE, HI-PSR	3'	4FU010-071	BRKT, INTAKE SUPPORT	1
7A250-075	1/4-20 x .75" SHCS PLTD	1	7U032-016	3/8" EFI FUEL HOSE, HI-PSR	4'
7J250-001	1/4" WASHER, SAE, PLTD	2	4FU013-010	COVER, AIR FILTER, '05 MUS GT	1
7F250-021	1/4-20 NYLOCK NUT, ZINC PLATED	1	5A001-025	DIABLO MAFia, '05 MUS	1
4FU010-010	P/S RELOC BRKT, '05 MUS GT	1	5A003-038	PREDATOR, '07 MUS	1
7U100-055	TIE-WRAP, 7.5" NYLON	4	8F060-048	FUEL INJ, 39LB EV6, OEM 03 COB	8
4FU111-044	S/C MTG BRKT ASY, '05 MUS GT	1	8F101-262	FUEL PMP, ASY '05 MUS TWIN INTA	1
4FU010-044	S/C MOUNT PLT, '05 MUS GT	1	7U032-0116	3/8" EFI FUEL HOSE, HI-PSR	.23'
4FU010-034	IDLER MOUNT PLATE, '05 MUS GT	1	7U100-055	TIE-WRAP, 7.5" NYLON	4
4FU017-011	SPACER, STUDDER '05 MUS GT	2	7R004-002	STEPLESS CLAMP, 17.0-70	2
2A017-750-05	SPACER, .750"OD x 2.691"L	2	8F001-255	255 INTANK FUEL PUMP, '86-'97	1
2A017-750-06	SPACER, .750"OD x 2.712"L	1	7R002-044	#44 SAE TYPE "F" SS HOSE CLAMP	1
2A017-879-08	SPACER, .875"OD x 1.776L	1	7R004-006	STEPLESS CLAMP, 11.3 x 5mm WIDE	4
2A017-750-07	SPACER, .750"OD x .097"L	1	5W001-022	T-TAP CONN, 14-16 AWG	2
4FU017-021	SPACER, IDLER, '05 MUS GT	1	5W001-009	16-14GA MALE SLIDE INSULATED	2
4PCS016-160	PULLEY, IDLER, SRT10 TRUCK	1	5W001-080	FUSE, 20AMP MINI BLADE	1
2A046-120	BELT, GATES K061203	1	7P375-099	Y-UNION, 3/8" BARBED TEFLON	1
7A375-375	3/8-16 x 3-3/4" HXHD	1	7U032-025	HOSE, 5/16"ID, 3/8"OD, 1/32"W	.125'
7C080-150	M8 x 1.25 x 150mm HXHD CL10.9	1	7U032-030	HOSE, SPIRAL 3/8" CUFF ID, 1"L	2
7C080-140	M8 x 1.25 x 140mm HXHD CL8.8	2	8N155-082	COOLANT RES RELOOC, '07 MUS	1
7A375-100	3/8-16 x 1" G5 HHCS, PLT	7	8N055-080	TANK, RAD OVERFLOW, '05 MUS	1
7K312-030	5/16" AN WASHER, SS	2	4FU010-061	BRKT "B", COOL RES RELOC, '05 MUS	1
7K375-040	3/8"AN960 FLAT WASHER, PLATED	10	7A250-051	1/4-20 x .50 HHCS ZINC PLTD	4
4FU114-030	WATER PIPE ASY, '07 MUS GT	1	7P250-045	1/4" MALE NPT x 3/8" MALE BARB	1
4FU014-051	HOUSING, THRMST RELC, '07 MUS GT	1	7J006-093	6mm WASHER, PLATED	10
7C060-015	M6 x 1.0 x 16mm SHCS CL10.9+ Z	2	7P375-050	3/8" HOSE UNION, BRASS	1
7U012-0188	O-RING, '07 MUS GT THERM HSG	1	7U030-056	3/8" PCV/VAC RUBBER HOSE	2.5'
4FU014-060	WATER PIPE, Ø1.5" x 90°, '07 MUS	1	7R004-002	STEPLESS CLAMP, 17.0-70	3
7R002-024	#24 SAE TYPE "F" SS HOSE CLAMP	5	4FU010-091	BRKT, COOL RES RELOC, '07 MUS GT	1
5W001-085	SLEEVE, FLEX BRD, Ø1.5" NOM.	.83'	7A250-074	1/4-20 x .75" HHCS PLTD	3
7C060-025	M6 x 1.0 x 25mm HX	2	7F250-021	1/4-20 NYLOCK NUT ZINC PLATED	3
7J006-094	6mm WASHER, SS	1	7R002-010	#10 SAE TYPE "F" SS HOSE CLAMP	2
4FE014-010	PADIATOR PIPE - STAINLESS	2	7U038-000	3/4" HEATER HOSE	1.83'
4FU139-096	PVC/MAF MOD ASY, '05 GT	1	7P100-076	HOSE REDUCER, 1" TO 3/4" PLSTC	1
7P375-106	PCV VALVE, FORD, 3/8" HOSE	1	8PN201-060	CAC ASY, '07 MUS GT, AIR/AIR	1
7P625-375	REDUCER, 5/8" BARB TO 3/8" BARB	1	8PN101-050	WELDED CORE ASY, '05 MUS GT	1
7R001-006	#6 STNLS HOSE CLAMP, NARROW	2	4PFU012-021	DISCH DUCT, T/B, '05 MUS	1
7R001-008	#8 STNLS HOSE CLAMP	3	4PFU012-080	CAC TUBE "A", '07 MUS GT	1
7R002-010	#10 SAE TYPE "F" SS HOSE CLAMP	1	4PFU012-050	CAC TUBE "C", '05 MUS GT	1
7U032-016	3/8" EFI FUEL HOSE HI-PSR	.5'	4PFU012-060	CAC TUBE "D", '05 MUS GT	1
5W018-030	18GA STRD WIRE, GREY	1'	4PFU012-070	CAC TUBE "E", '05 MUS GT	1
5W018-010	18GA STRD WIRE, RED	1'	7PS300-301	BUMP HOSE, 3.0"OD x 3.00"L	1
5W018-020	18GA STRD WIRE, BLK, UL1015	1'	7PS300-300	SLEEVE, BLACK, 3.0"OD x 3.00"L	1
5W018-080	18GA STRD WIRE, BLUE, BULK	1'	7R002-048	#48 SAE TYPE "F" SS HOSE CLAMP	13
5W018-090	18GA STRD WIRE, BROWN, BULK	1'	7R002-072	#72 SAE TYPE "F" SS HOSE CLAMP	2
5W018-100	18GA STRD WIRE, PURPLE	1'	7S300-003	RUBBER ELBOW, 3" MODIFIED	2
5W0011-007	3/16" HEAT-SHRINK TUBING	1.5'	7PS450-200	SLEEVE, BLACK 4.5D x 2.0"	1
5W0011-005	3/8" PLASTIC WIRE LOOM	1.5'	2A017-036	SPACER, PLT BRG HSG, 0.186"	4
5W001-012	18-22GA BUTT CONN, RED INSUL	1.5'	9S1018-750	Ø3/4" 1018 STEEL ROD	1.72"
7U033-020	HOSE, 5.8"ID, CLASS 1 EMISSIONS	.6'	7C080-030	M8 x 1.25 x 30 HXHD CL10.9	4
			7F008-020	NUT, M8 x 1.25	4

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2007-2008 Mustang GT, H.O., SL
Part No. 1001852SL cont'd

PARTS LIST

IMPORTANT: Before beginning installation, verify that all parts are included in the kit. Report any shortages or damaged parts immediately.

PART NO.	DESCRIPTION	QTY.
7J3112-000	5/16" FLAT WASHER - SAE	10
7R002-044	#44 SAE TYPE "F" SS HOSE CLAMP	1
7A312-050	5/16-18 x 1/2" HXHD, GR5 ZINC	2
8PN010-030	SUPPORT, '05 MUS COOLER DUCT, ZN	2
7R002-016	#16 SAE TYPE "F" SS HOSE CLAMP	8
7P1156-082	5/32" TEE	2
7U030-046	5/32" VACUUM LINE	8'
8D001-001	STD COMPRESS BYPASS VALVE	2
7U034-016	1" GS HEATER HOSE	2.5'
7P750-100	3/4"NPT x 1" HOSE FITTING	1
7P218-156	VAC TEE, 7/32", 7/16", 5/32"	1
7U100-055	TIE-WRAP, 7.5" NYLON	4
7R002-040	#40 SAE TYPE "F" SS HOSE CLAMP	1
7U133-045	RUBBER ELBOW, Ø1" x 45°	1
7PS300-275	REDUCER, BLK, Ø3" TO 2.75"	1
7PS300-045	ELBOW, BLK-SIL Ø3" x 45°	1



2007-2008 Mustang GT, Standard, SL

Part No. 1001853SL

PARTS LIST

IMPORTANT: Before beginning installation, verify that all parts are included in the kit. Report any shortages or damaged parts immediately.

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY.
1016154	S/C ASY, NOVI-1200, '05 MUS SATIN	1	4FU114-030	WATER PIPE ASY, '07 MUS GT	1
4PFU112-020	DISCH ASY, '05 MUS GT STD	1	4FU014-051	HOUSING, THRMST RELC, '07 MLUS GT	1
4FU012-020	DUCT, DISCH, '05 MUS GT STD	1	7C060-015	M6 x 1.0" x 16mm SHCS CL10.9+ Z	2
7PS450-200	SLEEVE, BLACK 4.5"OD x 2.0" 1	1	7U012-018	O-RING, '07 MUS GT THERM HSG	1
7PS300-276	REDUCER, 3.0" x 2.75" x 2.5L	1	4FU014-060	WATER PIPE, Ø1.5 x 90°, '07 MUS	1
7R002-044	#44 SAE TYPE "F" SS HOSE CLAMP	1	7R002-024	#24 SAE TYPE "F" SS HOSE CLAMP	5
7R002-048	#48 SAE TYPE "F" SS HOSE CLAMP	1	5W001-085	SLEEVE, FLEX BRD Ø1.5" NOM.	.83'
7R002-072	#72 SAE TYPE "F" SS HOSE CLAMP	2	7C060-025	M6 x 1.0 x 25mm HX	2
7R002-016	#16 SAE TYPE "F" SS HOSE CLAMP	4	7J006-094	6mm WASHER SS	2
7U030-046	5/32" VACUUM LINE	5'	4FE014-010	RADIATOR PIPE-STAINLESS	1
8D001-001	STD COMPRESS BYPASS VALVE	1	4FU110-010	P/S RESERV RELOC, '05 MUS GT	1
7U034-016	1" GS HEATER HOSE	1.25'	7P375-075	3/4" HOSE BARB UNION, BRASS	1
7U034-016	1" GS HEATER HOSE	.583'	7P375-050	3/8" HOSE UNION, BRASS	1
7P218-156	VAC TEE, 7/32", 7/32", 5/32"	1	7R001-004	#4 HOSE CLAMP	2
4PFU112-010	AIR INLET ASY, '05 MUS GT	1	7R001-008	#8 STNLS HOSE CLAMP	2
4FU012-010	INLET DUCT "A", '05 MUS GT	1	7U038-030	3/8" EFI FUEL HSE, HI-PSR	3'
4FU012-015	INLET DUCT "B", '05 MUS GT	1	7U032-016	1/4-20 x .75" SHCS PLTD	1
7R002-056	#56 SAE TYPE "F" SS HOSE CLAMP	1	7J250-001	1/4" WASHER, SAE, PLTD	2
7PS400-200	SLEEVE, BLACK 4.0"OD x 2.0	3	7F250-021	1/4-20 NYLOCK NUT ZINC PLATED	1
7PS400-351	SLEEVE, 4.0" x 3.5" x 2.35L	1	4FU010-010	P/S RELOC BRKT, '05 MUS GT	1
7R002-064	#64 SAE TYPE "F" SS HOSE CLAMP	6	7U100-055	TIE-WRAP, 7.5" NYLON	4
8H040-235	AIR FILTER, 4.0"FLG x 7.0"L	1	8F060-048	FUEL INJ. 39LB EV6, OEM 03 COB	8
8A003-071	MAF, 3.8"ID, '05 MUS GT	1	008575	S/C STRT INFO PKG ASY, PAXT	1
7P750-102	3/4"NPT x 1" x 90° HSE FIT	1	3863515	DECAL, PAXTON COLOR 9" x 3"	1
7P250-047	1/4"NPT TO 3/8" BARB x 90°	1	4809654	INSTR MAN, '05 MUS GT	1
4FU010-071	BRKT, INTAKE SUPPORT	1	5A003-038	PREDATOR, '07 MUS	1
7U032-016	3/8" EFI FUEL HSE, HI-PSR	4'	8F101-262	FUEL PMP ASY, '05 MUS TWIN INTA	1
4FU013-010	COVER, AIR FILTER, '05 MUS GT	1	7U032-016	3/8" EFI FUEL HSE, HI-PSR	.23'
4FU111-044	S/C MTG BRKT ASY, '05 MUS GT	1	7U100-055	TIE-WRAP, 7.5" NYLON	4
4FU010-044	S/C MOUNT PLT, '05 MUS GT	1	7R004-002	STEPLESS CLAMP, 17.0-70	2
4FU010-034	IDLER MOUNT PLATE, '05 MUS	1	8F001-255	255 INTANK FUEL PUMP, '86-'97	1
7FU017-011	SPACER, STUDDER, '05 MUS GT	2	7R002-044	#44 SAE TYPE "F" SS HOSE CLAMP	4
2A017-750-05	SPACER, .750"OD x 2.69"L	2	7R004-006	STEPLESS CLAMP, 11.3 x 5mm WID	4
2A017-750-06	SPACER, .750"OD x 2.712"L	1	5W001-022	T-TAP CONN 14-16 AWG	2
2A017-879-08	SPACER, .875"OD x 1.776"L	1	5W001-009	16-14GA MALE SLIDE INSULATED	2
2A017-750-07	SPACER, .750"OD x .097"L	1	5W001-080	FUSE, 20AMP, MINI BLADE	1
4FU017-021	SPACER, IDLER, '05 MUS GT	1	7P375-099	Y-UNION, 3/8" BARBED TEFLON	1
4PCS016-160	PULLEY, IDLER, SRT10 TRUCK	1	7U032-025	HOSE, 5/16"ID x 3/8"OD x 1/32"W	.125'
2A046-120	BELT, GATES KO61203	1	7U032-030	HOSE, SPIRAL 3/8" CUFF ID, 1"L	2
7A375-375	3/8-16 x 3-3/4" HXHD	1	009030	3-PACK S/C LUBE	1
7C080-150	M8 x 1.25 x 150mm HXHD CL10.9	1			
7C080-140	M8 x 1.25 x 140mm HXHD CL8.8	2			
7A375-100	3/8-16 x 1" HHCS, PLT	7			
7K312-030	5/16" AN WASHER, SS	2			
7K375-040	3/8"AN960 FLAT WASHER PLATED	10			
4FU139-096	PCV/MAF MOD ASY, '05 MUS GT	1			
7P375-106	PCV VALVE, FORD, 3/8" HOSE	1			
7P625-375	REDUCER, 5/8" BARB TO 3/8 BARB	1			
7R001-006	#6 STNLS HOSE CLAMP, NARROW	2			
7R001-008	#8 STNLS HOSE CLAMP	3			
7R002-010	#10 SAE TYPE "F" SS HOSE CLAMP	1			
7U032-016	3/8" EFI FUEL HSE, HI-PSR	.5'			
5W018-030	18GA STRD WIRE GREY	1'			
5W018-010	18GA STRD WIRE RED	1'			
5W018-020	18GA STRD WIRE BLK, UL1015	1'			
5W018-080	18GA STRD WIRE BLUE BULK	1'			
5W018-090	18GA STRD WIRE BROWN BULK	1'			
5W018-100	18GA STRD WIRE PURPLE	1'			
5W001-007	3/16" HEAT-SHRINK TUBING	1.5'			
5W001-005	3/8" PLASTIC WIRE LOOM	1.5'			
5W001-012	18-22GA BUTT CONN RED INSUL	12			
7U033-020	HOSE, 5/8"ID CLASS 1 EMISSIONS	.66'			



2010 Mustang GT, H.O.

Part No. 1001862SL

PARTS LIST

IMPORTANT: Before beginning installation, verify that all parts are included in the kit. Report any shortages or damaged parts immediately.

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY.
009030	3-PACK S/C LUBE		4FU012-010	INLET DUCT "A", '05 MUS GT	1
008575	S/C STRT INFO PKG ASY PAXTON	2	4FU012-015	INLET DUCT "B", '05 MUS GT	1
1016158	S/C ASY, NOVI 2200 '05 MUS	1	7R002-056	#56 SAE TYPE "F" SS HOSE CLAMP	1
3863515	DECAL, PAXTON COLOR 9" x 3"	1	7PS400-200	SLEEVE, BLACK 4.0"OD x 2"L	3
4809654	INSTR MANUAL, '10 MUS GT	1	7PS400-351	SLEEVE, 4.0" x 3.5" x 2.35"L	1
4FU110-110	P/S RESERVOIR RELOCATION, '10 MUS GT	1	7R002-064	#64 SAE TYPE "F" SS HOSE CLAMP	6
7P375-075	3/4" HOSE BARB UNION, BRASS	1	8H040-235	AIR FILTER, 4.0" FLG x 7.0"L	1
7P375-050	3/8" HOSE UNION, BRASS	1	8A003-071	MAF, 3.8" ID, '05 MUS GT	1
7R001-004	#4 HOSE CLAMP	2	7P750-102	3/4" NPT x 1" x 90° HOSE FIT	1
7R001-008	#8 STNLS HOSE CLAMP	2	7P250-047	1/4" NPT TO 3/8" BARB x 90°	1
7U038-030	HOSE, P/S, 3/4" ID	3'	4FU010-071	BRKT, INTAKE SUPPORT	1
7U032-016	3/8" EFI FUEL HOSE, HI-PSR	3'	7U032-016	3/8" EFI FUEL HOSE, HI-PSR	4'
7A250-075	1/4-20 x .75" SHCS PLTD	1	4FU013-010	COVER, AIR FILTER, '05 MUS GT	1
7J250-001	1/4" WASHER, SAE, PLTD	2	5A001-025	DIABLO MAFia, '05 MUS	1
7F250-021	1/4-20 NYLOCK NUT, ZINC PLATED	1	5A003-038	PREDATOR, '07 MUS	1
4FU110-010	P/S RELOC BRKT, '05 MUS GT	1	8F060-048	FUEL INJ, 39LB EV6, OEM 03 COB	8
7U100-055	TIE-WRAP, 7.5" NYLON	4	8F101-262	FUEL PMP, ASY '05 MUS TWIN INTA	1
7U100-025	1/8 X 1/4 RIVETS	2	7U032-0116	3/8" EFI FUEL HOSE, HI-PSR	.23'
4FU013-025	RADIATOR SHROUD COVER	1	7U100-055	TIE-WRAP, 7.5" NYLON	4
4FU111-044	S/C MTG BRKT ASY, '05 MUS GT	1	7R004-002	STEPLESS CLAMP, 17.0-70	2
4FU010-044	S/C MOUNT PLT, '05 MUS GT	1	8F001-255	255 INTANK FUEL PUMP, '86-'97	1
4FU010-034	IDLER MOUNT PLATE, '05 MUS GT	1	7R002-044	#44 SAE TYPE "F" SS HOSE CLAMP	1
4FU017-011	SPACER, STUDDED '05 MUS GT	2	7R004-006	STEPLESS CLAMP, 11.3 x 5mm WIDE	4
2A017-750-05	SPACER, .750"OD x 2.691"L	2	5W001-022	T-TAP CONN, 14-16 AWG	2
2A017-750-06	SPACER, .750"OD x 2.712"L	1	5W001-009	16-14GA MALE SLIDE INSULATED	2
2A017-879-08	SPACER, .875"OD x 1.776L	1	5W001-080	FUSE, 20AMP MINI BLADE	1
2A017-750-07	SPACER, .750"OD x .097"L	1	7P375-099	Y-UNION, 3/8" BARBED TEFLON	1
4FU017-021	SPACER, IDLER, '05 MUS GT	1	7U032-025	HOSE, 5/16" ID, 3/8" OD, 1/32"W	.125'
4PCS016-160	PULLEY, IDLER, SRT10 TRUCK	1	7U032-030	HOSE, SPIRAL 3/8" CUFF ID, 1"L	2
2A046-120	BELT, GATES K061203	1	8N155-082	COOLANT RES RELOOC, '07 MUS	1
7A375-375	3/8-16 x 3-3/4" HXHD	1	8N055-080	TANK, RAD OVERFLOW, '05 MUS	1
7C080-150	M8 x 1.25 x 150mm HXHD CL10.9	1	4FU010-061	BRKT "B", COOL RES RELOC, '05 MUS	1
7C080-140	M8 x 1.25 x 140mm HXHD CL8.8	2	7A250-051	1/4-20 x .50 HHCS ZINC PLTD	4
7A375-100	3/8-16 x 1" G5 HHCS, PLT	7	7P250-045	1/4" MALE NPT x 3/8" MALE BARB	1
7K312-030	5/16" AN WASHER, SS	2	7J006-093	6mm WASHER, PLATED	10
7K375-040	3/8" AN960 FLAT WASHER, PLATED	10	7P375-050	3/8" HOSE UNION, BRASS	1
4FU114-030	WATER PIPE ASY, '07 MUS GT	1	7U030-056	3/8" PCV/VAC RUBBER HOSE	2.5'
4FU014-051	HOUSING, THRMST RELC, '07 MUS GT	1	7R004-002	STEPLESS CLAMP, 17.0-70	3
7C060-015	M6 x 1.0 x 16mm SHCS CL10.9+ Z	2	4FU010-091	BRKT, COOL RES RELOC, '07 MUS GT	1
7U012-0188	O-RING, '07 MUS GT THERM HSG	1	7A250-074	1/4-20 x .75" HHCS PLTD	3
4FU014-060	WATER PIPE, Ø1.5" x 90°, '07 MUS	1	7F250-021	1/4-20 NYLOCK NUT ZINC PLATED	3
7R002-024	#24 SAE TYPE "F" SS HOSE CLAMP	5	7R002-010	#10 SAE TYPE "F" SS HOSE CLAMP	2
5W001-085	SLEEVE, FLEX BRD, Ø1.5" NOM.	.83'	7U038-000	3/4" HEATER HOSE	1.83'
7C060-025	M6 x 1.0 x 25mm HX	2	7P100-076	HOSE REDUCER, 1" TO 3/4" PLSTC	1
7J006-094	6mm WASHER, SS	2	8PN201-060	CAC ASY, '07 MUS GT, AIR/AIR	1
4FE014-010	RADIATOR PIPE - STAINLESS	1	8PN101-050	WELDED CORE ASY, '05 MUS GT	1
4FU139-096	PVC/MAF MOD ASY, '05 GT	1	4PFU012-021	DISCH DUCT, T/B, '05 MUS	1
7P375-106	PCV VALVE, FORD, 3/8" HOSE	1	4PFU012-080	CAC TUBE "A", '07 MUS GT	1
7P625-375	REDUCER, 5/8" BARB TO 3/8" BARB	1	4PFU012-050	CAC TUBE "C", '05 MUS GT	1
7R001-006	#6 STNLS HOSE CLAMP, NARROW	2	4PFU012-060	CAC TUBE "D", '05 MUS GT	1
7R001-008	#8 STNLS HOSE CLAMP	3	4PFU012-070	CAC TUBE "E", '05 MUS GT	1
7R002-010	#10 SAE TYPE "F" SS HOSE CLAMP	1	7PS300-301	BUMP HOSE, 3.0"OD x 3.00"L	1
7U032-016	3/8" EFI FUEL HOSE HI-PSR	.5'	7PS300-300	SLEEVE, BLACK, 3.0"OD x 3.00"L	1
5W018-030	18GA STRD WIRE, GREY	1'	7R002-048	#48 SAE TYPE "F" SS HOSE CLAMP	13
5W018-010	18GA STRD WIRE, RED	1'	7R002-072	#72 SAE TYPE "F" SS HOSE CLAMP	2
5W018-020	18GA STRD WIRE, BLK, UL1015	1'	7S300-003	RUBBER ELBOW, 3" MODIFIED	2
5W018-080	18GA STRD WIRE, BLUE, BULK	1'	7PS450-200	SLEEVE, BLACK 4.5D x 2.0"	1
5W018-090	18GA STRD WIRE, BROWN, BULK	1'	2A017-036	SPACER, PLT BRG HSG, 0.186"	4
5W0118-100	18GA STRD WIRE, PURPLE	1'	9S1018-750	Ø3/4" 1018 STEEL ROD	1.72"
5W0011-007	3/16" HEAT-SHRINK TUBING	1.5'	7C080-030	M8 x 1.25 x 30 HXHD CL10.9	4
5W0011-005	3/8" PLASTIC WIRE LOOM	1.5'	7F008-020	NUT, M8 x 1.25	4
5W001-012	18-22GA BUTT CONN, RED INSUL	12			
7U033-020	HOSE, 5.8" ID, CLASS 1 EMISSIONS	.6'			
4PFU112-010	AIR INLET ASY, '05 MUS GT	1			



2010 Mustang GT, H.O.
Part No. 1001862SL, cont'd

PARTS LIST

IMPORTANT: Before beginning installation, verify that all parts are included in the kit. Report any shortages or damaged parts immediately.

PART NO.	DESCRIPTION	QTY.
7J3112-000	5/16" FLAT WASHER - SAE	10
7R002-044	#44 SAE TYPE "F" SS HOSE CLAMP	1
7A312-050	5/16-18 x 1/2" HXHD, GR5 ZINC	2
8PN010-030	SUPPORT, '05 MUS COOLER DUCT, ZN	2
7R002-016	#16 SAE TYPE "F" SS HOSE CLAMP	8
7P1156-082	5/32" TEE	2
7U030-046	5/32" VACUUM LINE	8'
8D001-001	STD COMPRESS BYPASS VALVE	2
7U034-016	1" GS HEATER HOSE	2.5'
7P750-100	3/4"NPT x 1" HOSE FITTING	1
7P218-156	VAC TEE, 7/32", 7//32", 5/32"	1
7U100-055	TIE-WRAP, 7.5" NYLON	4
7R002-040	#40 SAE TYPE "F" SS HOSE CLAMP	1
7U133-045	RUBBER ELBOW, Ø1" x 45°	1
7PS300-275	REDUCER, BLK, Ø3" TO 2.75"	1
7PS300-045	ELBOW, BLK-SIL Ø3" x 45°	1

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Section 1

PREPARATION/REMOVAL

1. PREPARATION/REMOVAL

- A. Loosen the hose clamp at the throttle body. Disconnect the plastic 3/8" tube assembly attached to the passenger's side valve cover. Remove the plastic 3/8" x 90° connector from the plastic tube that was connected at the passenger's side valve cover. Set this connector aside to be re-used in a later step. Discard the remainder of the hose assembly, as it will not be re-used. (See Fig. 1-a.)

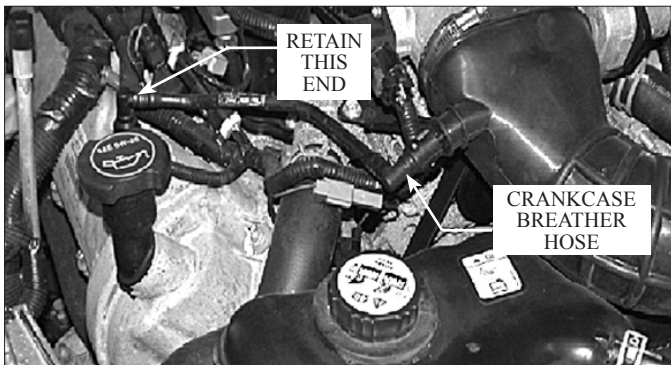


Fig. 1-a

***** NOTE *****

The preferred method of removing the 90° connector from its original plastic tube is to apply a small amount of heat to the tube and slide the connector free.

- B. Disconnect the mass air flow (MAF) sensor plug and remove the inlet duct and upper air filter cover from the car. (See Figs. 1-a, 1-b, 1-c.)

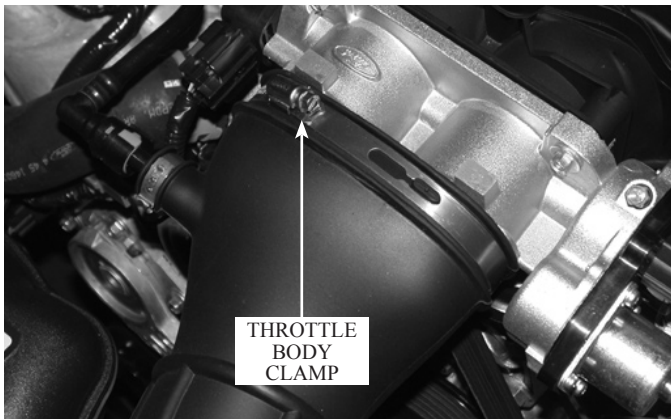


Fig. 1-b

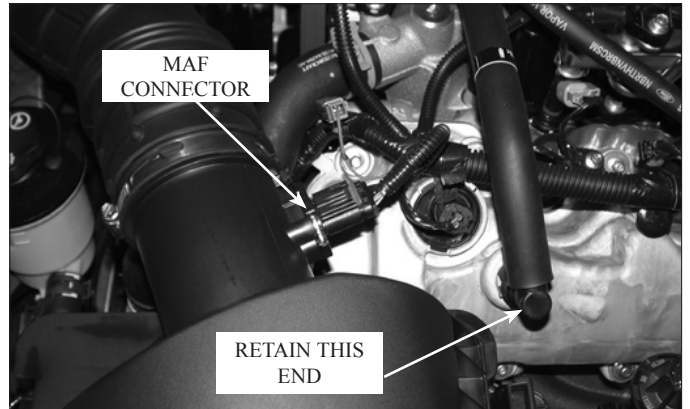


Fig. 1-c

- C. Remove the 10mm headed bolt that is located next to the inner fender which secures the lower portion of the air filter enclosure. Remove the lower portion from the car, it will not be reused. (See Fig. 1-d.)

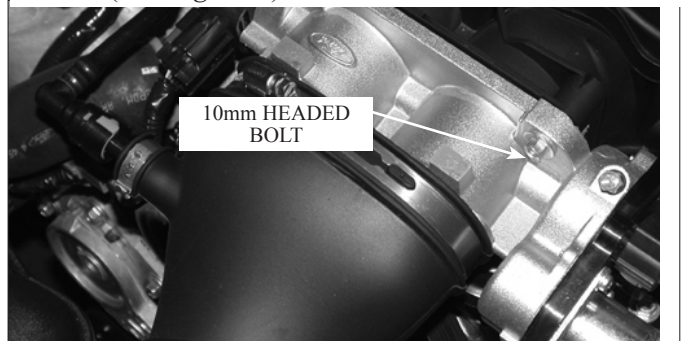


Fig. 1-d

- D. Remove the six plastic push pins securing the radiator cover. Remove the cover and set aside to be reinstalled later. (See Fig. 1-e.)

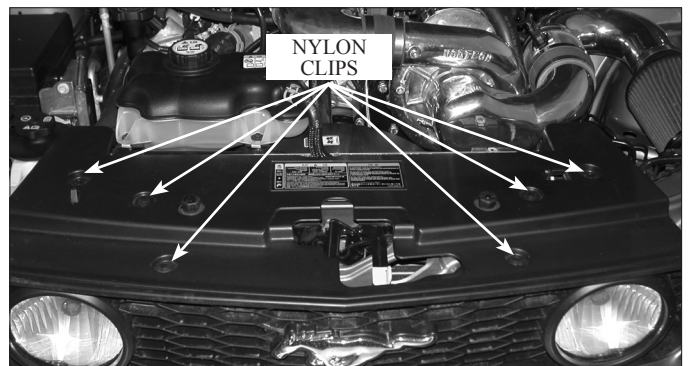


Fig. 1-e

1. PREPARATION/REMOVAL, cont'd

- E. Locate the coolant drain plug on the passenger side of the radiator. Next drain the coolant into a clean container. This coolant will be reused in a later step.
- F. Remove the two 8mm headed bolts securing the coolant overflow reservoir to the plastic fan shroud. (See Fig. 1-f.)
- G. Disconnect the small overflow hose (running across the top of the radiator) from the overflow reservoir. (See Fig. 1-f.)

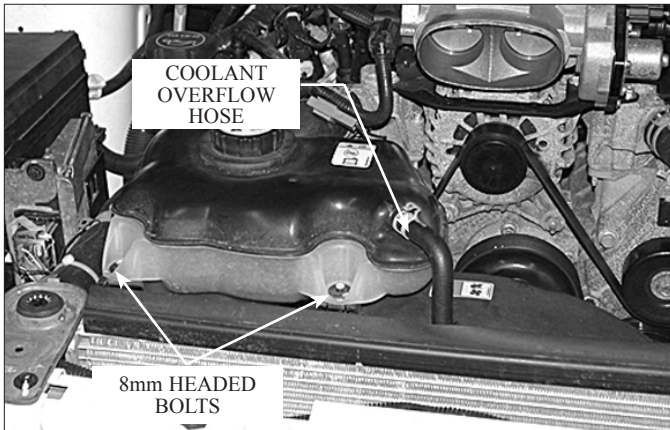


Fig. 1-f

- H. **(2005-2006 Only)** Remove the large hose connecting the thermostat housing to the bottom of the overflow reservoir. Set the hose and reservoir aside to be reinstalled in a later step. (See Fig. 1-g.)
(2007-2010 Only) Remove the large hose connected to the bottom of the coolant overflow reservoir. (See Fig. 1-g.)

*** NOTE ***

If you are installing H.O. (charge cooled) kit, the coolant reservoir will not be reused. Retain only the filler cap for reuse.

- I. **(2005-2006 Only)** Remove the two upper radiator hoses from the engine coolant crossover tube and set aside. The radiator hose located on the driver's side will not be reused. (See Fig. 1-g.)

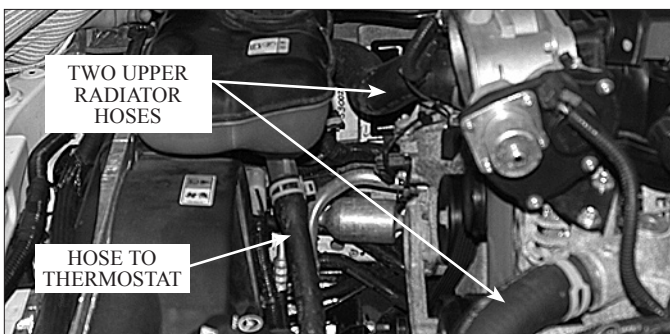


Fig. 1-g

- J. **(2005-2006 Only)** Remove the thermostat housing from the large formed hose leading to the engine block and the lower outlet of the radiator. (See Fig. 1-h.) Set the thermostat housing aside to be reinstalled in a later step.

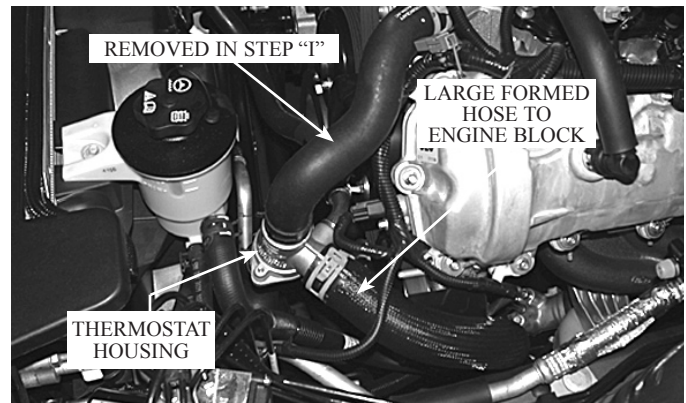


Fig. 1-h

- K. **(2005-2006 Only)** Remove the lower hose on the radiator and set the hose aside, as it will not be reused.
- L. Drain and remove the power steering reservoir. This reservoir will be relocated in a later step.
- M. Disconnect and remove the factory 5/8" plastic breather hose assembly attached to the driver's side valve cover and intake manifold. Remove the fittings from the ends of the plastic tube for re-use. Discard the stripped plastic tube. (See Fig. 1-c.)
- O. The installation of this supercharger system requires the removal, in part or whole, of the intake manifold so that modifications can be made to the coolant crossover tube or thermostat housing depending on year of application:
 1. **(2005-2006 Only)** Unplug the wire connectors from each of the eight injectors. Remove all of the vacuum hoses and connectors located at the front and rear of the intake manifold. Remove the connector attached to the intake manifold runner control (IMRC) unit located at the rear of the manifold on the passenger's side.
 2. **(2007-2010 Only):** Unplug the wire connectors from each of the eight injectors.
 3. Remove the four 8mm headed bolts securing the injector rails to the intake manifold. Do not remove the small clips that retain the injectors to the fuel rails. Using a 5/8" spring lock tool, disconnect the fuel feed line from the fuel rail. Remove the

1. PREPARATION/REMOVAL, cont'd

vacuum line from the fuel regulator.

Remove the rails and injectors as a complete unit and set aside. New injectors will be installed in a later step. (See Figs. 1-i, 1-j.)

4. Locate and remove the remaining 10mm headed bolts retaining the intake manifold to the cylinder heads. There are **five** on each side.
5. **(2005-2006 Only):** Remove the intake manifold and set aside so it can be reinstalled after modifications to the coolant crossover tube are made.

***** NOTE *****

Modification to the crossover tube will be completed in a later step

6. **(2007-2010 Only):** It is not necessary to remove the intake manifold from the vehicle completely. Raise the front of the manifold 3-4" and support between the throttle-body and alternator.

***** NOTE *****

Modification to the crossover tube will be completed in a later step

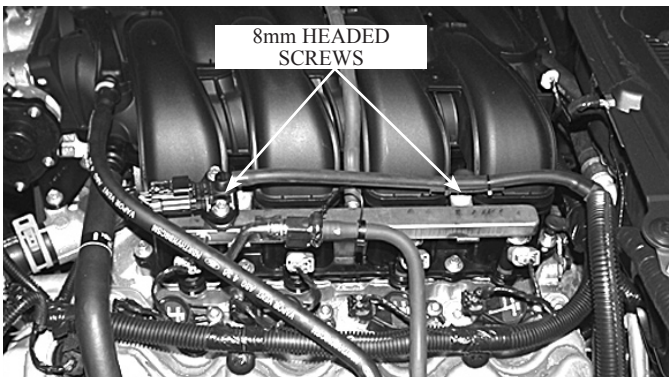


Fig. 1-i



Fig. 1-j

- P. Using a 1/2" ratchet, release the tension from the accessory drive belt and remove it from the car. This drive belt will be replaced with a longer one later in the installation.

1. PREPARATION/REMOVAL, cont'd

- Q. Locate and remove the stud that secures the alternator in place as well as the stud-bolts located to the right of the alternator. (See Fig. 1-k.)

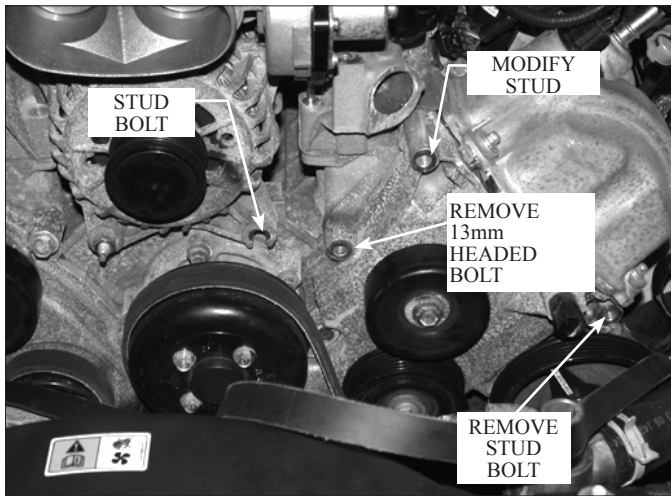


Fig. 1-k

- R. There is a small tab that secures the wiring harness in place on the valve cover that will need to be removed to gain clearance for the super-charger belt. This tab is best removed with a small air saw but a grinder will work. After removal, smooth the area to prevent damage to the belt. (See Figs. 1-l, 1-m.)

***** NOTE *****

Do not allow material to enter the open cylinder head runners.

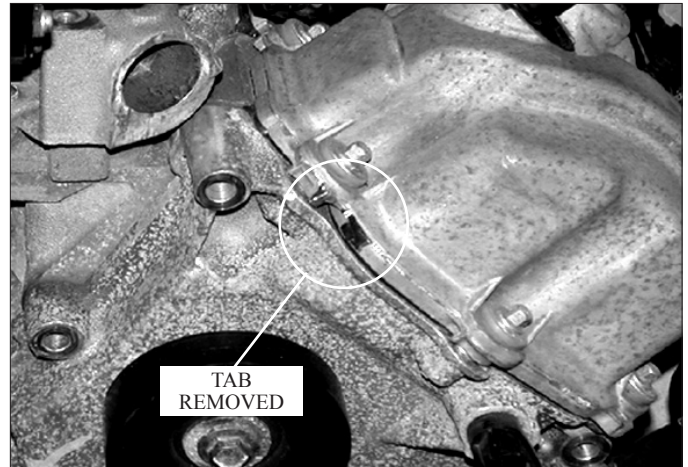


Fig. 1-m

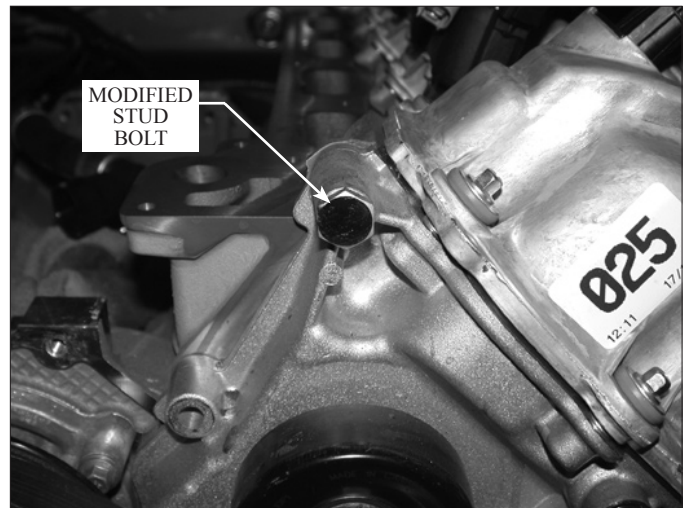


Fig. 1-n



Fig. 1-l

- S. Using a 15mm socket or wrench, remove the nut that secures the capacitor resistor and coolant hose support bracket to the stud bolt. Using an 18mm socket or wrench, remove the stud bolt. As seen in Fig. 1-k, the upper bolt is removed from the timing chain cover. This bolt will have to be modified by cutting off the threaded end where the resistor attaches. Modify and reinstall the bolt. (See Fig. 1-n.)
- T. Disconnect the plug to the cam position sensor. Remove the wiring harness from the retaining clips that hold it to the valve cover. Move the harness out of the way. This harness will have to be relocated to gain clearance for the super-charger.

Section 2

OIL FEED INSTALLATION

2. OIL FEED INSTALLATION

(ENGINE OIL-FED KITS ONLY. Applications with "SL" kits ignore Sections 2 & 3 and skip ahead to Step 4.)

- A. Locate the factory oil sensor on the driver's side of the vehicle near the oil filter.
- B. Remove the sending unit and set aside.
- C. Locate the supplied 1/4"NPT street TEE fitting. Install the TEE in the same location as the factory sending unit with the 1/4" x -4 x 90° installed in the TEE at the location noted. (See Fig. 2-a.)
- D. Attach the stainless steel -4 hose to the -4 fitting installed in the street TEE. (See Fig. 2-a.)
- E. Route the hose away from hot, sharp or moving parts and to the top of the engine to be attached to the supercharger oil feed.

***** NOTE *****

The oil feed hose to the S/C will be installed in a later step of the installation. Temporarily cap the open end of the hose to prevent contamination to the inside of the hose.

- F. Reinstall the factory sensor in the branch of the TEE as shown. (See Fig. 2-a.)

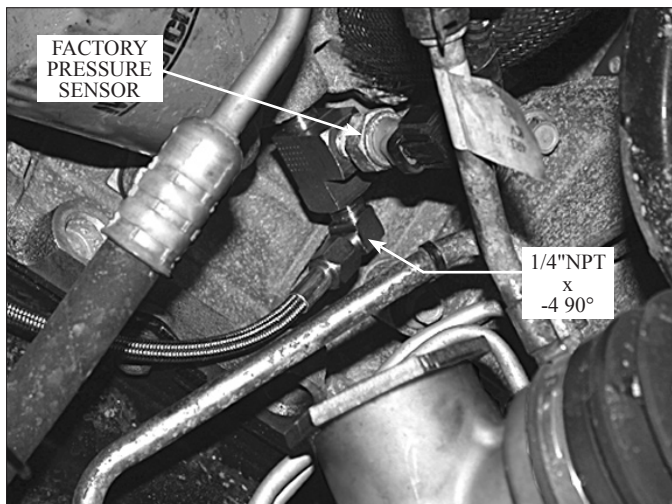


Fig. 2-a

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Section 3

OIL DRAIN ASSEMBLY INSTALLATION

3. OIL DRAIN ASSEMBLY INSTALLATION

(ENGINE OIL-FED KITS ONLY. Applications with "SL" kits ignore this step and skip ahead to Step 4.)

- A. To provide an oil drain for the supercharger, it is necessary to make a hole in the oil pan. It is best to punch the hole rather than to drill it.
- B. Remove paint from around the hole area.
- C. Mark the oil pan 5/8" down from the oil pan mounting rail on the driver's side of the engine. Measure forward 3/4" from the first bolt on the side of the oil pan. (See Fig. 3-a.)

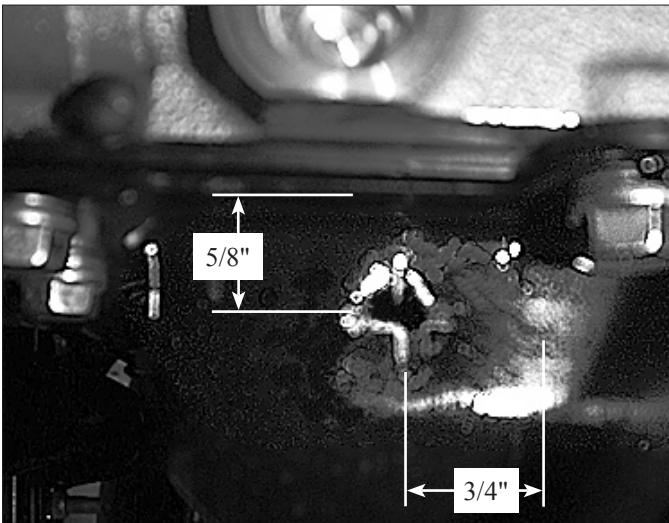


Fig. 3-a

- F. Thoroughly clean the threaded area. Apply a small amount of silicone sealer or teflon paste to the new threads. Apply more sealer to the 3/8"NPT hose fitting and secure in the hole. Make sure a seal is formed all around the fitting. (See Fig. 3-b.)
- G. Drain the engine oil and change the filter.

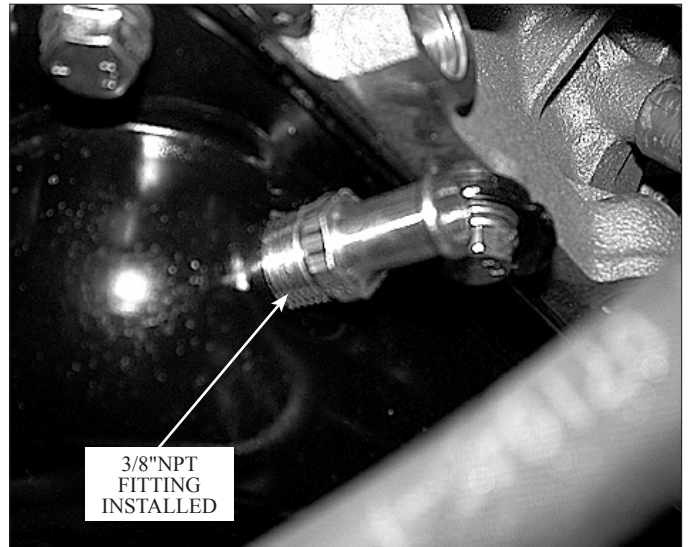


Fig. 3-b

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Section 4

POWER STEERING RELOCATION

4.1 POWER STEERING RELOCATION (2005-2009 MODEL S ONLY)

- A. Locate the power steering assembly 4FU110-010.
- B. Attach the P/S relocation bracket 4FU010-010 using the hardware provided to the P/S reservoir removed in an earlier section. (See Fig. 4.1-a.)



Fig. 4.1-a

- C. Attach the supplied 3/4" and 3/8" P/S hoses to the outlets of the reservoir with the clamps provided. (See Fig. 4.1-b.)

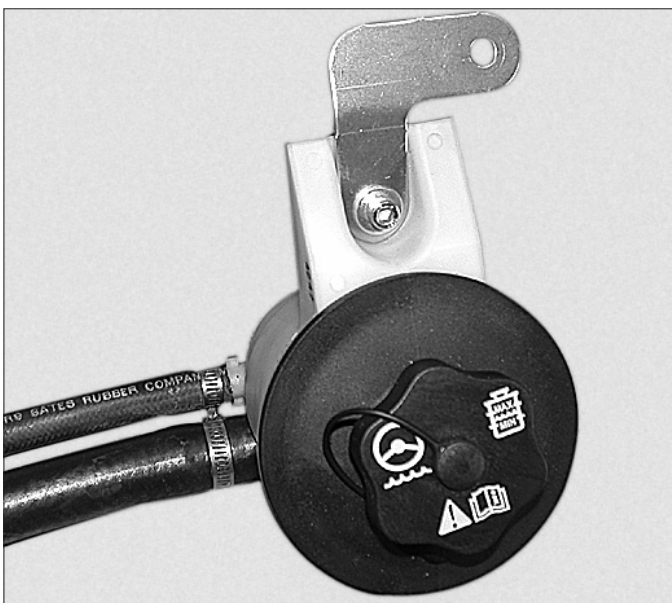


Fig. 4.1-b

- D. Attach the 3/4" and the 3/8" hose barb unions to the factory hoses using the factory clamps.
- E. Attach the reservoir to the passenger's side radiator core support using one of the factory ground strap retaining bolts. (See Fig. 4.1-c.)



Fig. 4.1-c

- F. Attach the hoses from the reservoir to the factory P/S hoses and secure with the supplied clamps. Trim for best fit. Secure the hose to the fan shroud away from heat and moving objects.
- G. It will be necessary to trim the corner of the radiator core support cover to clear the relocated P/S reservoir. (See Fig. 4.1-d.)



Fig. 4.1 -d

Section 4

POWER STEERING RELOCATION

4.2 POWER STEERING RELOCATION (2010 MODELS ONLY)

- A. Locate the power steering assembly 4FU110-101.
- B. Attach the P/S relocation bracket 4FU010-101 using the hardware provided to the P/S reservoir removed in an earlier section. (See Fig. 4.2-a.)

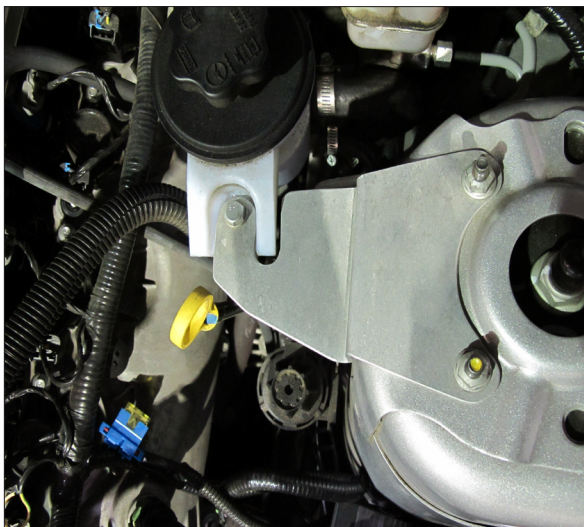


Fig. 4.2-a

- C. Locate the factory 3/4" and 3/8" PS hose and cut off the 90° bend as shown. (See Fig 4.2b)



Fig. 4.2-b

- D. Using a 3/4" brass union and two stepless clamps, attach the 90° bend to a length of supplies 3/4" hose as shown. Do the same to the 3/8" hose. (See Fig 4.2-c)



Fig. 4.2-c

- E. Attach the 90° 3/4" and 3/8" you trimmed off to reservoir using the factory clamps. Attach the provided 3/4" and 3/8" hose to the 90° hose using the barb unions and the stepless clamps.



- F. Remove the inboard 13MM headed strut mount nuts and install PS reservoir assembly in location shown. Route hoses toward the front of the vehicle away from exhaust and moving objects.
- G. Connect previously installed PS hoses from reservoir to the factory PS hoses using the appropriate unions and hose clamps

Section 5

COOLANT TUBE RELOCATION OR THERMOSTAT HOUSING/RADIATOR HOSE MODIFICATION

5.1 COOLANT TUBE RELOCATION (2005-2006 ONLY)

- A. Locate assembly 4FU214-021.
- B. Remove the hose connected to the back lower portion of the engine coolant cross-over tube. (See Fig. 5.1-a.)

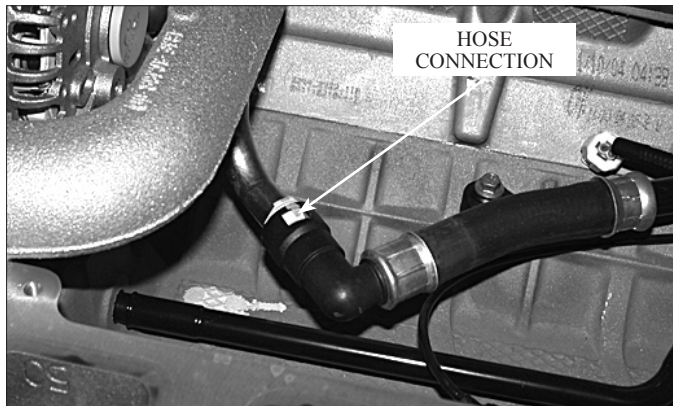


Fig. 5.1-a

- C. Remove the nylon clip retaining the wire harness to the alternator brace and the four 10mm headed bolts securing the alternator brace. Set the brace aside to be reinstalled. (See Fig. 5.1-b.)

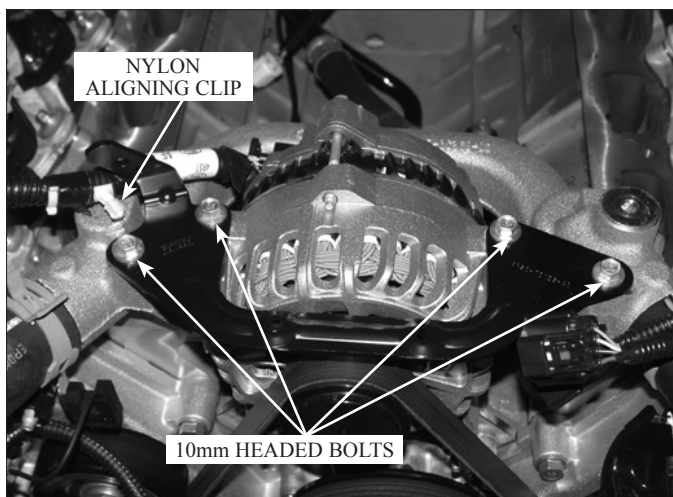


Fig. 5.1-b

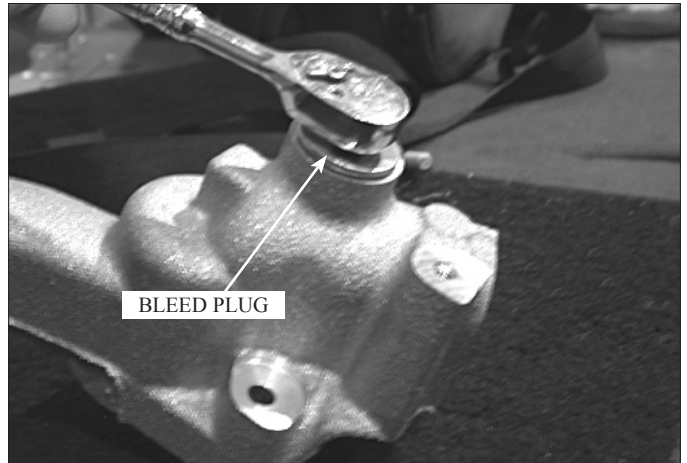
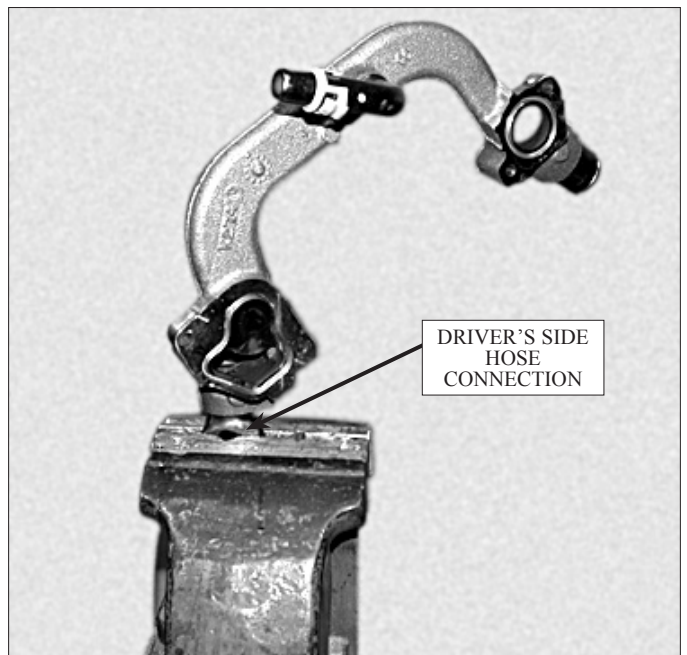


Fig. 5.1-c

- E. Remove the two remaining 10mm head bolts securing the cross-over tube to the cylinder heads.
- F. Remove the factory O-ring type gaskets to prevent damage. Clamp the driver's side steel hose barb end of the coolant cross-over tube in a vise as shown. Using a small amount of heat, heat the aluminum cross-over tube. Using a twisting motion, remove the steel insert. (See Fig. 5.1-d.) Penetrating oil will also aid in this step.



5.1 COOLANT TUBE RELOCATION, (2005-2006 Only) cont'd

- G. Locate the supplied 1-1/4" expansion plug (7P125-002.)
- H. Coat the expansion plug with sealant. Using a tube or socket that matches the recessed diameter of the plug, install the plug flush with the machined surface sealing the outlet of the crossover tube. (See Figs. 5.1-e, 5.1-f.)

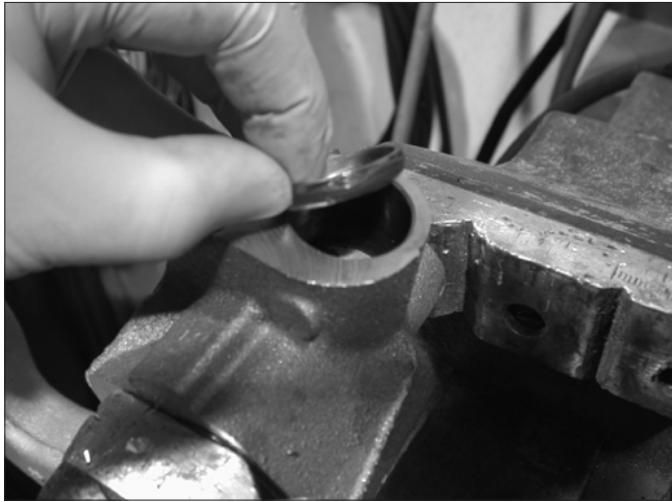


Fig. 5.1-e



Fig. 5.1-f

- I. Locate the supplied coolant relocation fitting, sealing nut and O-ring washer. (See Fig. 5.1-g.)

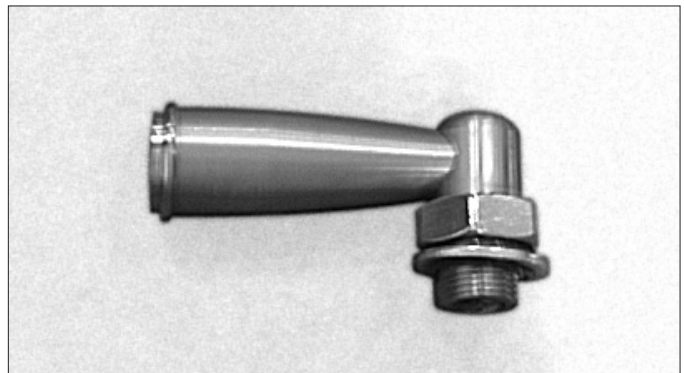


Fig. 5.1-g

- J. Install the fitting in the location of the factory coolant bleed plug. (See Fig. 5.1-h.) Screw the jam nut all the way onto the fitting. Tighten the fitting in the position shown. (See Fig. 5.1-h.) Secure with the jam nut.

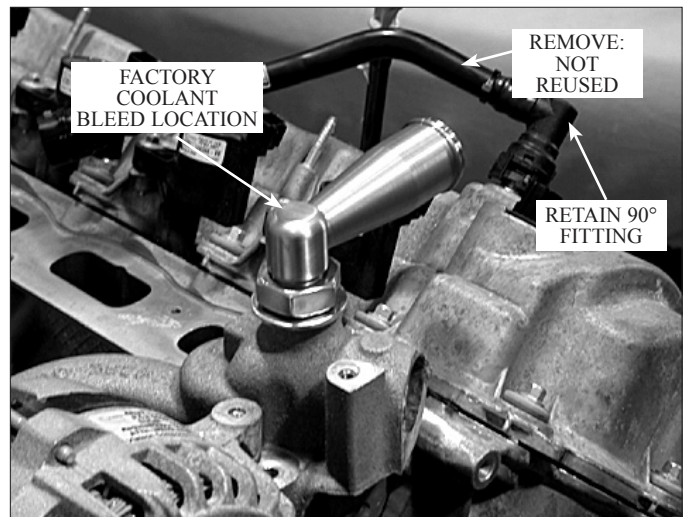


Fig. 5.1-h

***** NOTE *****

It is recommended that sealant be used to seal the thread of the fitting.

- K. Reinstall the factory O-ring gaskets to the crossover tube.
- L. Set the coolant crossover tube back in its original location.
- M. Reinstall the two 10mm headed bolts through the cross-over tube into the cylinder heads. Temporarily install two intake manifold retaining bolts through the cross-over tube into the cylinder heads, where the manifold will be secured. Leave these loose as they are there only as a pilot for the cross-over tube.

5.1 COOLANT TUBE RELOCATION, (2005-2006 Only) cont'd

- N. Tighten the cross-over tube retaining bolts, and remove the two manifold retaining bolts.
- O. Reconnect the coolant cross-over tube hose at the lower rear portion of the coolant cross-over tube. Remove any coolant that may have spilled into the engine valley.
- P. Reinstall the alternator support bracket and the four 10mm headed retaining bolts removed earlier. Attach the capacitor resistor removed from the stud bolt on the front cover to one of the 10mm bracket retainers. Route the resistor and its wire away from moving parts.

***** NOTE *****

Leave two 10mm headed bolts that attach the bracket to the cross-over tube loose.

- Q. Reinstall the Intake Manifold, removed in a previous step. Check to see that the rubber intake runner gaskets are in place and undamaged. Make sure the cylinder head surface is clean.
- R. Lower the intake manifold onto the cylinder heads.
- S. Install the ten factory 10mm headed manifold retainers, and tighten to factory specifications. Tighten the two 10mm headed bracket bolts that were previously left loose.
- T. Reconnect the IMRC control unit at the rear of the manifold along with the vacuum hose.
- U. Remove the small clips that retain the factory fuel injectors to the fuel rail. Remove the factory fuel injectors and set a side, these will not be reused.
- V. Locate the supplied fuel injectors. Lubricate the injector o-rings with clean motor oil and install in to the fuel rail. Reinstall the small retaining clips on to the injectors.
- W. Lower the fuel rail/injector assembly on to the manifold, making sure that the injectors seat properly into the manifold. Secure with the four factory 8mm headed bolts.
- X. Locate the breather hose removed from the driver's side valve cover and the intake manifold. Remove and retain the 90° plastic hose-end connector. Discard the plastic tube.

***** NOTE *****

The preferred method of removing the hose-end is to apply a small amount of heat to the plastic tube and slide the ends free.

- Y. Reconnect the fuel injector plugs and all other connections and vacuum lines previously removed from the manifold assembly.

5.2 THERMOSTAT HOUSING/RADIATOR HOSE MODIFICATION (2007-2010 Model Year Only)

- A. Using an 8mm socket, remove the two 6mm screws that retain the thermostat housing. Set the housing aside to be reused later. Leave the factory thermostat and O-ring seal in place as they will be reused (*provided they are in good condition*). (See Fig. 5.2-a.)
- B. Locate the supplied thermostat housing adaptor and hardware. Using the two 6mm socket-head screws, install the housing adaptor as shown. (See Fig. 5.2-b.)
- C. Using the 6mm hardware, washers and O-ring provided, reinstall the thermostat housing. Attach the previously removed resistor to the housing as shown. (See Fig. 5.2-c.)
- D. Reinstall the intake manifold removed in a previous step. Check to see that the rubber intake runner gaskets are in place and *undamaged*. Make sure the cylinder head surface is clean.
- E. Lower the intake manifold onto the cylinder heads.
- F. Install the ten factory 10mm headed manifold retainers, and tighten to factory specifications.
- G. Remove the small clips that retain the factory fuel injectors to the fuel rail. Remove the factory fuel injectors and set aside. These will not be reused.
- H. Locate the supplied fuel injectors. Lubricate the injector O-rings with clean motor oil and install into the fuel rail. Reinstall the small retaining clips onto the injectors.
- I. Lower the fuel rail/injector assembly onto the manifold, making sure that the injectors seat properly into the manifold. Secure with the four factory 8mm headed bolts.
- J. Reconnect the fuel injector plugs, all other connections and vacuum lines previously removed from the manifold assembly.

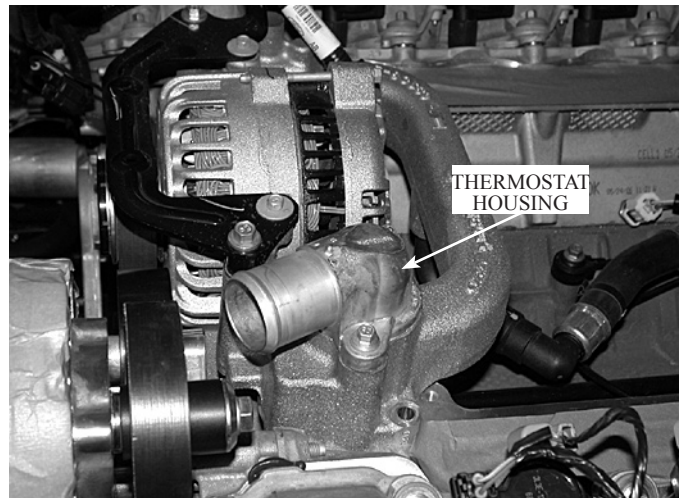


Fig. 5.2-a

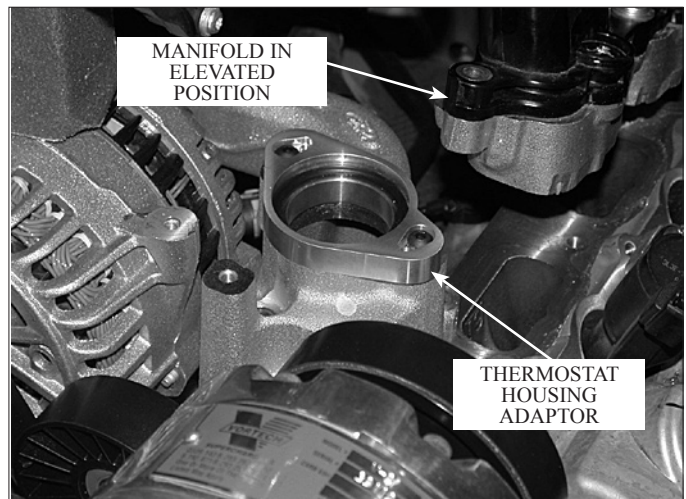


Fig. 5.2-b

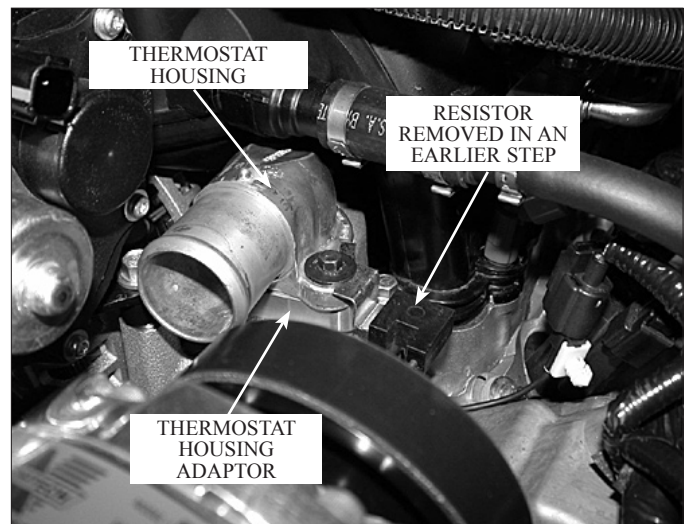


Fig. 5.2-c

5.2 THERMOSTAT HOUSING/RADIATOR HOSE MODIFICATION (2007-2010 Model Year Only), cont'd

- K. Locate the 4FU114-030 water pipe assembly.
- L. Cut approximately 2.25" off the short 90° end of the factory radiator hose and set aside. (See Fig. 5.2-l.)
- M. Cut the remainder of the short 90° bend from the factory radiator hose, approximately half way between the 90° bend and the 45° bend, and discard. (See Fig. 5.2-l.)
- N. Using the 2.25" section of radiator hose cut previously and two #24 hose clamps provided, install the short end of the 90° stainless tube (4FU014-060) onto the repositioned thermostat housing. (See Fig. 5.2-n.)
- O. Install the remainder of the factory radiator hose using one factory hose clamp and one #24 hose clamp. (See Fig. 5.2-o.)

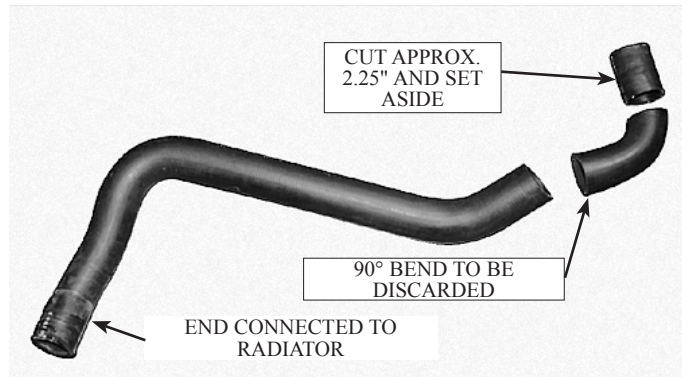


Fig. 5.2-l

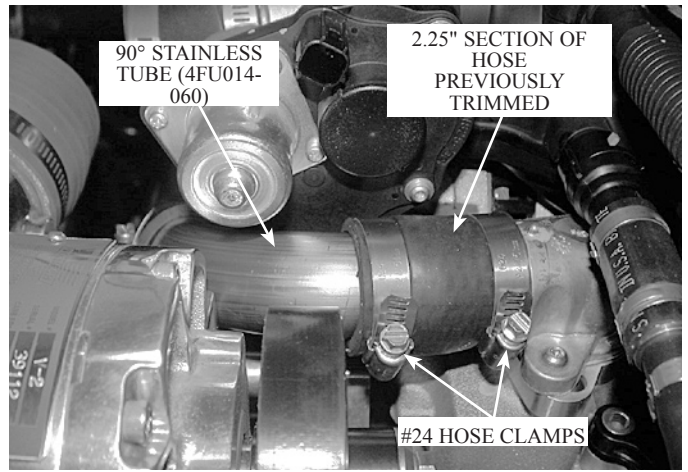


Fig. 5.2-n

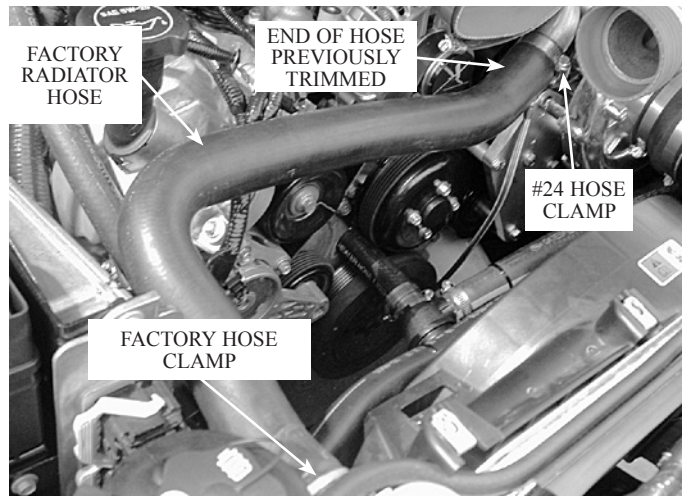


Fig. 5.2-o

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Section 6

SUPERCHARGER MOUNTING PLATE INSTALLATION

6. SUPERCHARGER MOUNTING PLATE INSTALLATION

- A. The mounting plate is provided with the spacers and bolts as they would be installed on the vehicle. Keep these bolts and spacers marked as to their locations. They are all different in size and mismatching them will result in misalignment of the mounting plate.
- B. Locate the two supplied stud bolt spacers (see Figs. 6-a, 6-b) in the S/C mounting plate assembly. Remove the factory screws retaining the idler pulleys on the driver's side of the engine and replace with the stud spacers.

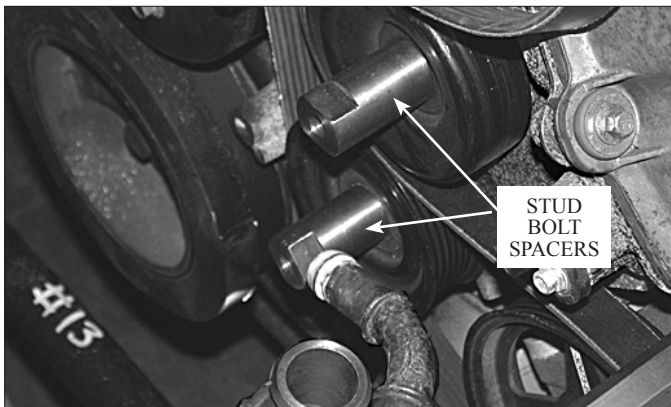


Fig. 6-a

***** NOTE *****

This figure is just for reference. The small idler pulley mounting bracket will need to be installed at the same time as the S/C Mounting Plate. (See Fig. 6-d.)

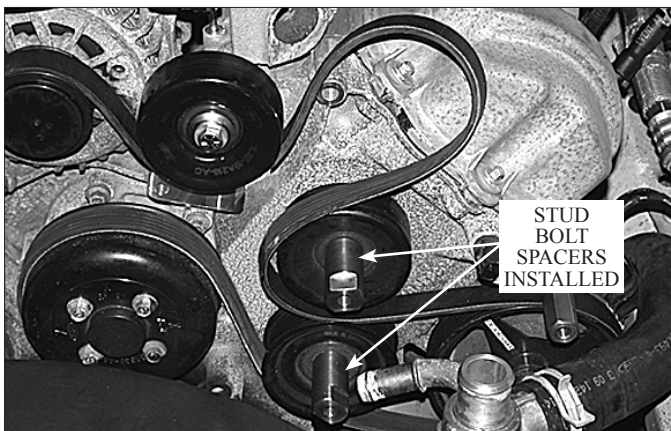


Fig. 7-b

- C. It is necessary to install the supercharger accessory drive belt and loosely route it following Fig. 6-e, as not all pulleys are currently in place.
- D. Locate the supercharger mounting plate 4FU010-044 from the supercharger mounting plate assembly. (See Fig. 6-c.)
- E. Locate the two 8mm x 140mm long bolts and washers from the mounting bracket assembly and install in the locations noted. (See Fig. 6-c.)

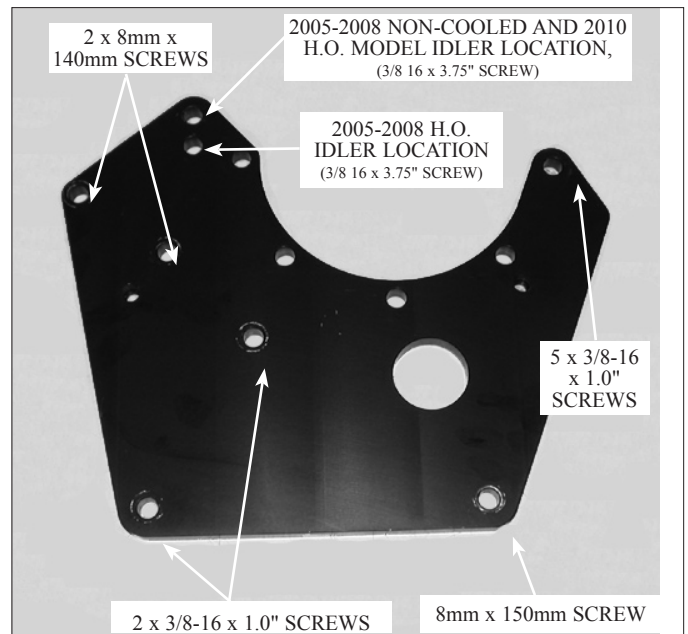


Fig. 6-c

- F. Slide the two 2.691" long spacers onto the bolts previously installed. (See Fig. 6-f.) Install the small triangle-shaped idler pulley mounting bracket to the spacers. Install the .097" spacer onto the bolt that will be attached in the alternator location.
- G. Lower the mounting plate assembly into position on the front of the engine. Be sure to route the drive belt on the correct side of the idler bracket and spacers. (See Fig. 6-g.)
- H. Loosely attach the plate using the previously installed 140mm hardware. Locate the two 3/8-16 x 1.0" bolts and washers and install through the plate into the two stud bolt spacers retaining the factory idlers. (See Figs. 6-a, 6-b.)

6. **SUPERCHARGER MOUNTING PLATE
INSTALLATION, cont'd**

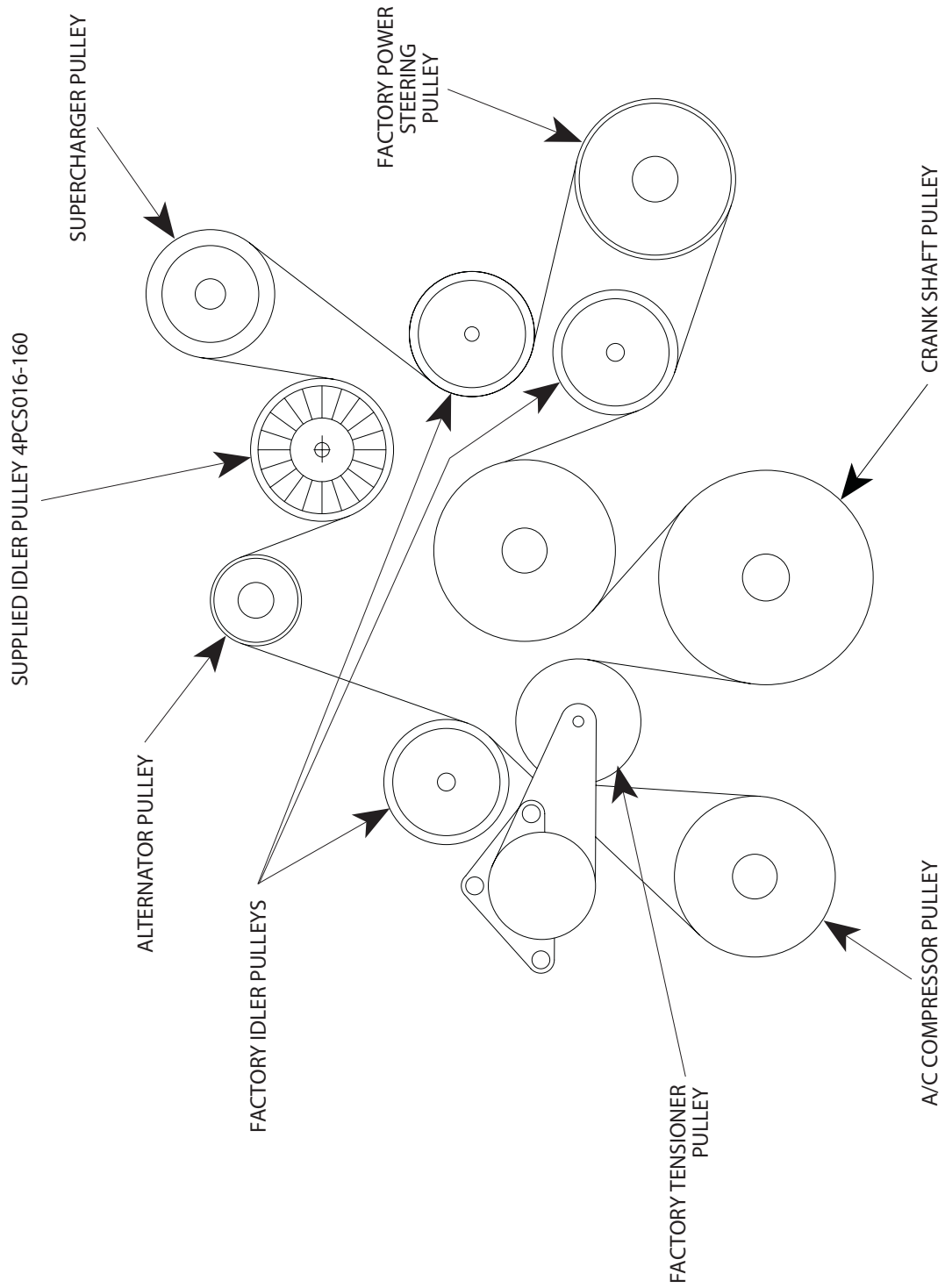


Fig. 6-e / Belt routing

6. SUPERCHARGER MOUNTING PLATE INSTALLATION, *cont'd*

- I. Locate the 8mm x 150mm bolt and washer. Loosely install the bolt through the mounting plate and remaining 2.712" long spacer into the engine cover using *Fig. 6-a* for location reference.
- J. Locate the supplied idler, 1.776" idler spacer, idler pilot spacer, 3/8-16 x 3.75" long bolt and washer. Install the bolt/washer through the mounting plate, 1.776" spacer, supplied idler, idler pilot spacer and into the triangle-shaped bracket. Use *Figs. 6-f to 6-h* for assistance.

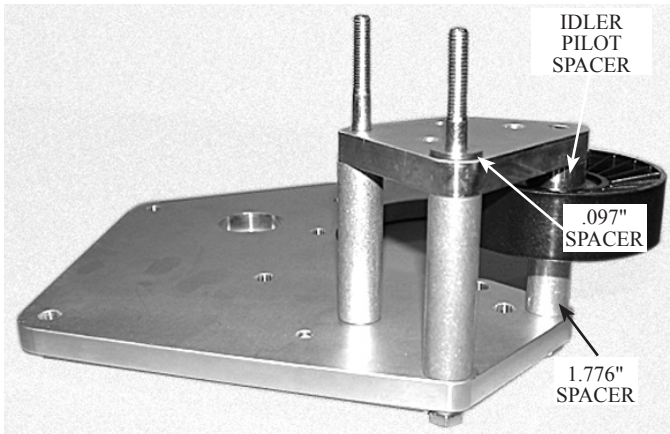


Fig. 6-f

***** NOTE *****

All kits will use the upper idler hole except for 2005-2008 H.O. kits. (See *Fig. 6-c*.)

- K. Tighten all mounting plate hardware, making sure the drive belt is properly routed and no wiring or hoses are between the mounting surfaces. (See *Fig. 6-g*.)

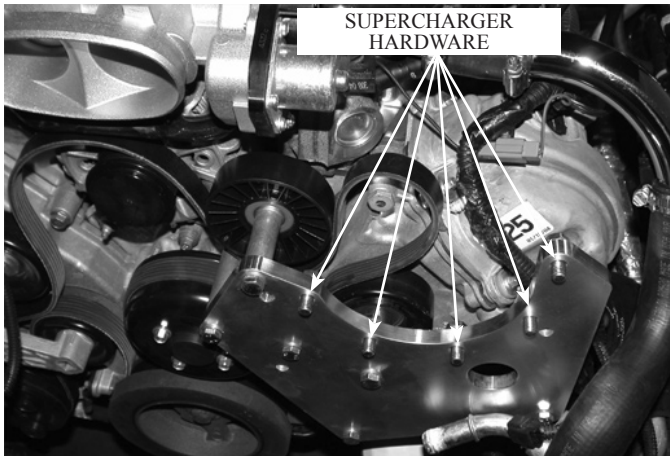


Fig. 6-g

- L. Install the five 3/8-16 x 1.0" bolts and washers through the back side of the mounting plate. (See *Fig. 6-g*.)

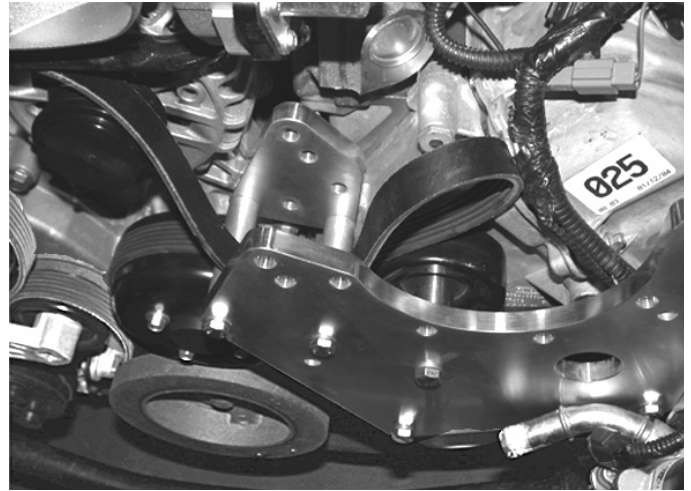


Fig. 6-h

- M.* Attach the supplied length of 1/2" oil drain line hose to the 1/2" barbed fitting on the supercharger. Secure with the #8 hose clamp provided.
- N.* Install the supplied 1/8"NPT x -4 straight fitting from assembly 4FU130-026 to the oil feed fitting on the supercharger.

***** NOTE *****

Use only clean engine oil on the pipe threads. Teflon tape or pipe sealant is not recommended as it might loosen and cause blockage of the small oil feed orifice resulting in possible supercharger failure.

- O. Attach the supercharger assembly to the mounting plate using the previously installed hardware. A 9/16" ratcheting end wrench will greatly aid this step.
- P.* Secure the oil drain hose to the previously installed brass fitting in the oil pan, making sure to route in a smooth downward manner away from moving or hot objects.

***** NOTE *****

Any dips, "uphill" sections, kinks or restrictions may cause drainage problems and possible supercharger failure.

- Q.* Attach the -4 oil feed hose to the straight -4 fitting previously installed in the supercharger. Secure away from moving of hot objects.
- R. Using a 1/2" ratchet, rotate the factory spring tensioner clockwise and install the accessory drive belt. Refer to *Fig. 6-e* for proper belt routing.

* Applies to engine "oil-fed" units only.

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Section 7

THRROSTAT HOUSING RELOCATION (2005-2006 MODEL YEARS)

7. THERMOSTAT HOUSING RELOCATION

- A. It will be necessary to relocate the thermostat housing to gain clearance for the supercharger mounting bracket.
- B. Locate hose 7U133-050. The hose will be modified and will replace the factory lower radiator hose removed in a previous step. (See Fig. 7-a.)

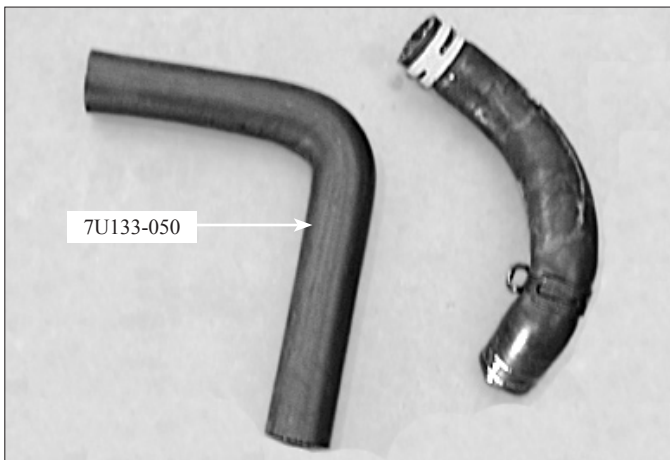


Fig. 7-a

- C. Modify the supplied hose as seen in the figure below. (See Figs. 7-b, 7-c.)

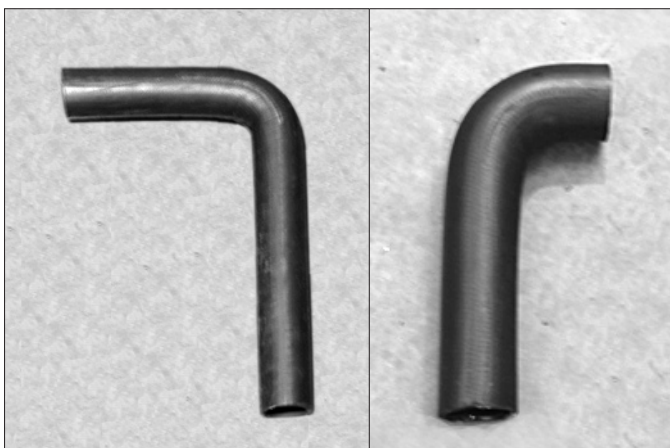


Fig. 7-b

- D. Trim approximately 5" off of the 9" end of the hose and 5-1/4" of the 13" end.

***** NOTE *****

Because of manufacturing tolerances, it is best to leave this hose long and trim to fit.

- E. Install the long end of the modified hose to the outlet of the radiator with a #24 hose clamp. Leave the clamp loose for adjustment.
- F. Install the thermostat housing to the open end of the new the lower radiator hose and the large formed factory hose. Adjust the thermostat's location making sure it clears any moving parts.

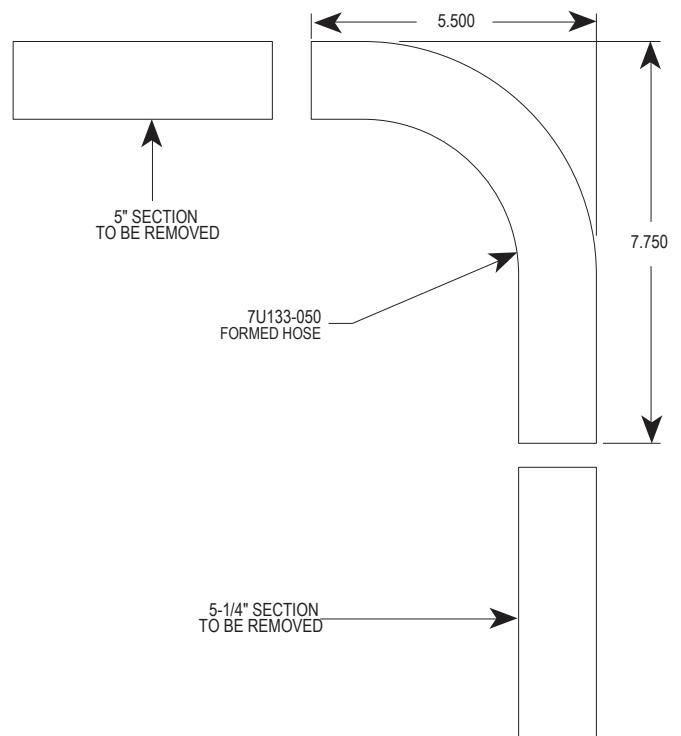


Fig. 7-c

***** NOTE *****

The hose clamps will be left loose for adjustment of the thermostat's location until after the installation of the supercharger and supercharger mounting bracket are installed.

**7. THERMOSTAT HOUSING
RELOCATION, (2005-2006 Only) cont'd**

***** NOTE *****

The hose clamps will be left loose for adjustment of the thermostat's location until after the installation of the supercharger and supercharger mounting bracket are installed.

- G. Locate the 7U133-190 molded coolant hose. (See Fig. 7-c.)
- H. Install the end with the 90° bend onto the thermostat housing.
- I. Install the opposite end to the previously modified coolant cross-over tube. Secure using the #20 hose clamps provided. (See Fig. 7-c.)



Fig. 7-d

Section 8

CHARGE AIR COOLER INSTALLATION (H.O. KITS ONLY)

***** NOTE *****

For non-cooled kits skip this section and proceed to Section 9.

8A. BUMPER COVER AND SPLASH PAN (H.O. Kits Only)

1. Raise the vehicle with a floor jack and set on jack stands.
2. Remove the seven 5.5mm headed screws retaining the lower splash panel. (See Fig. 8A-a.)

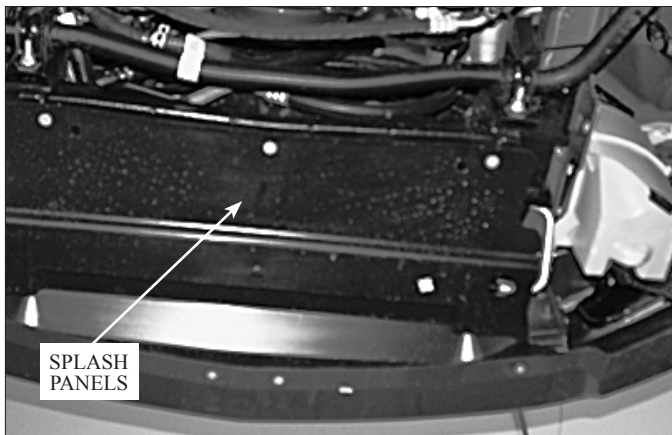


Fig. 8A-a

3. Remove the six Phillips-head screws (3 each side) on the lower portions of the plastic inner fender liners. (See Fig. 8A-b.)



Fig. 8A-b

4. Remove the five plastic clips retaining the front portion of the fender liner. Both sides need to be removed. (See Fig. 8A-c.)

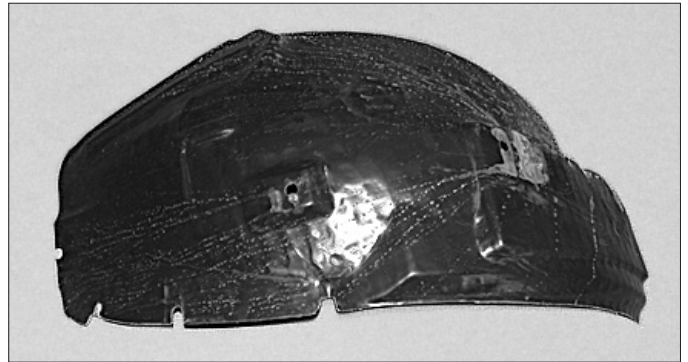


Fig. 8A-c

5. Remove the four 10mm nuts (2 each side) retaining the bumper cover to the fenders. (See Fig. 8A-d.)

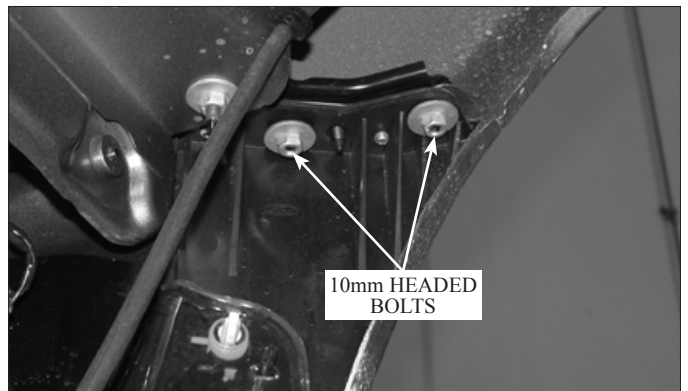


Fig. 8A-d

8A. BUMPER COVER & SPLASH PAN REMOVAL (H.O. Kits Only), cont'd

6. Disconnect the connectors on the parking and the lower fog lights. (See Fig. 8A-e.)

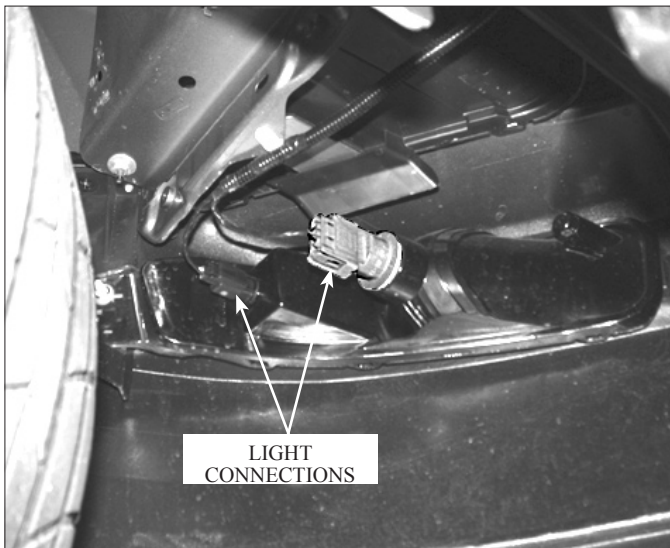


Fig. 8A-e

7. Remove the six nylon clips retaining the upper radiator core support cover. (See Fig. 8A-f.)

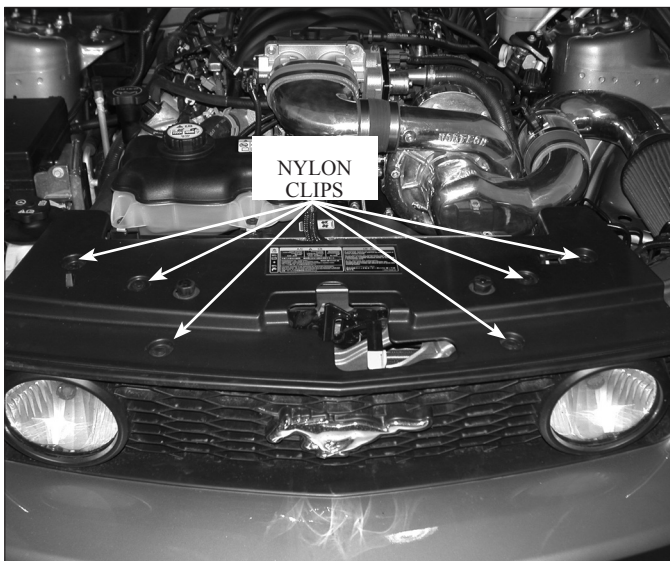


Fig. 8A-f

8. Remove the two 10mm headed bolts (1 each side upper portion of grill). (See Fig. 8A-g.)

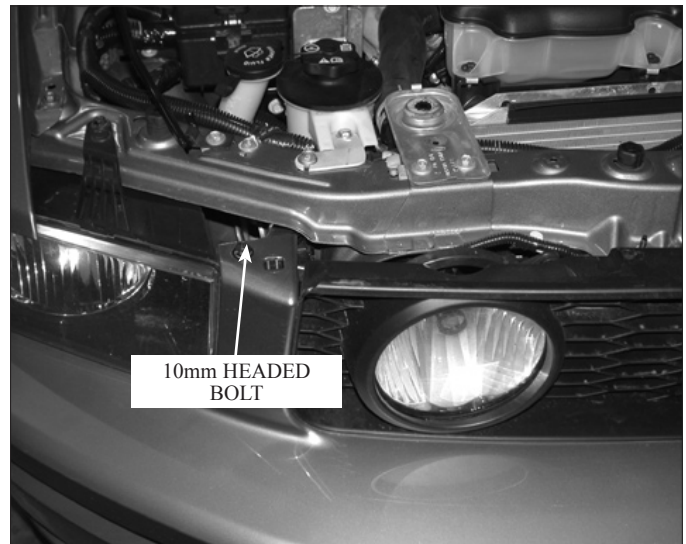


Fig. 8A-g

9. Lift up on the tabs releasing them from the clips. (See Fig. 8A-h.)

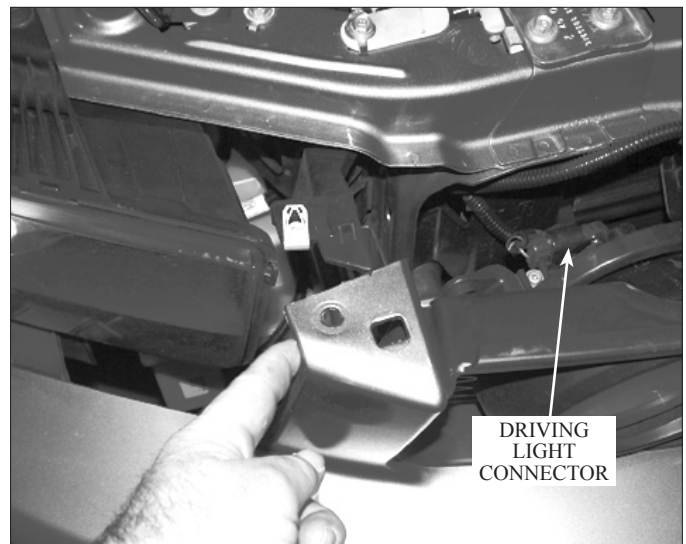


Fig. 8A-h

10. Pull out on the bumper cover
11. Remove the connectors to the driving lights in the grill. (See Fig. 8A-h.)
12. Remove the bumper cover and set aside. (See Fig. 8A-i.)
13. **(2010 Models Only)** Remove air diversion panels on both sides of the radiator by removing nylon push pins. Set them aside for trimming in a future step. (See Fig. 8A-j).

**8A. BUMPER COVER & SPLASH PAN
REMOVAL (H.O. Kits Only), cont'd**

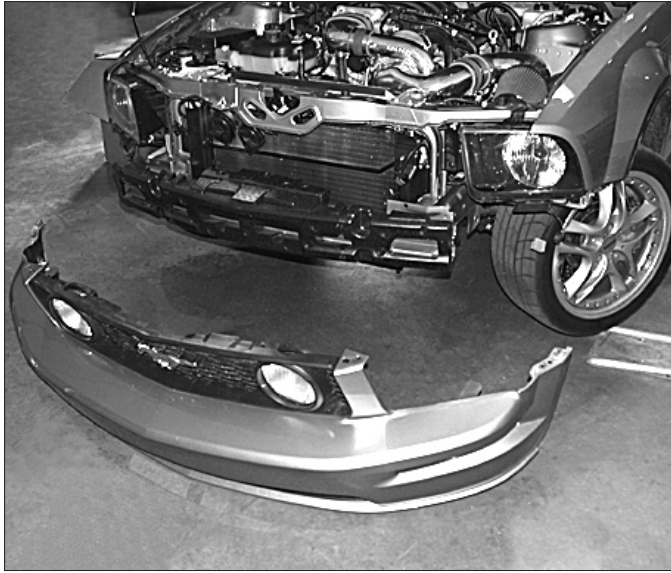


Fig. 8A-i

14. Remove four nylon push pins from the styrofoam bumper support and set the support and the pins aside to be reinstalled. (See Fig. 8A-j.)

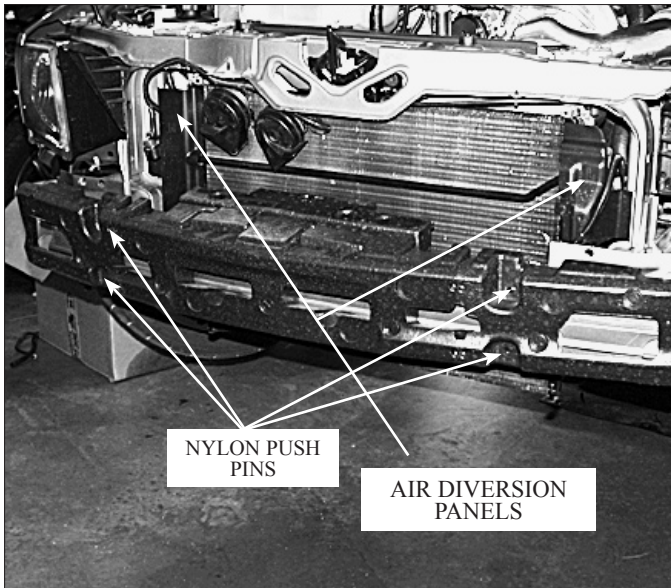


Fig. 8A-j

15. Remove four inner bolts of eight 13mm headed bolts retaining the metal bumper support. (See Fig. 8A-k.)

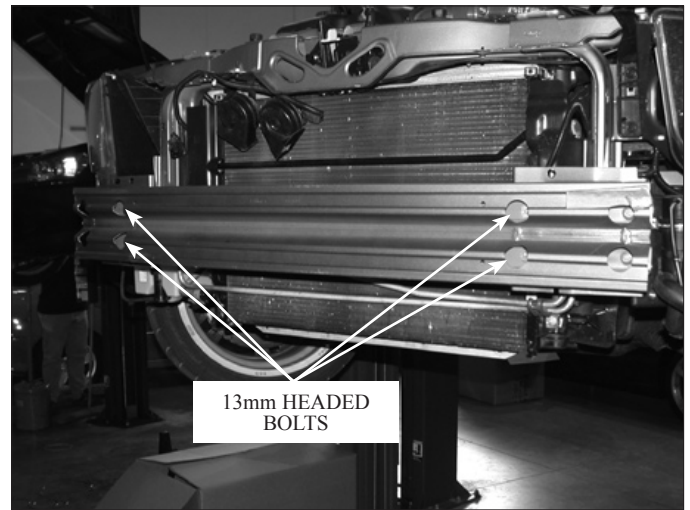


Fig. 8A-k

16. Replace the bolts previously removed with the four 8mm-1.25" x 35mm long bolts and washers provided.
17. Install the four 2A017-036 spacers (two each side) to the bolts. (See Fig. 8A-l).

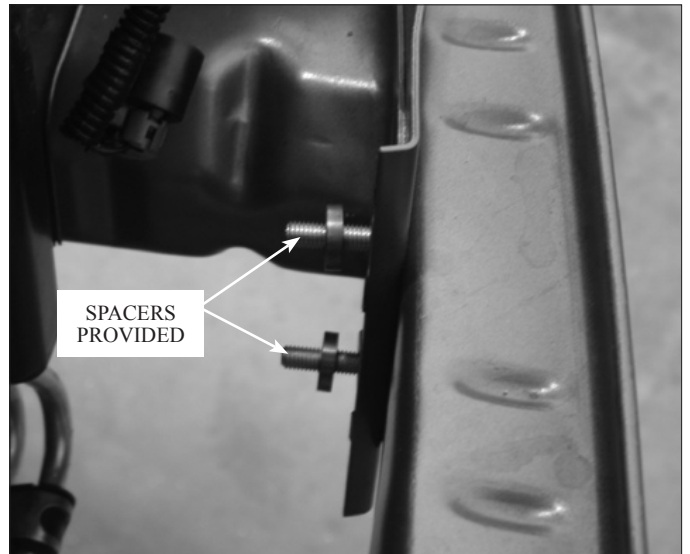


Fig. 8A-l

18. Replace the styrofoam bumper support using the factory retainers.

**8B. CHARGE AIR COOLER CORE
INSTALLATION (2005-2006 Model H.O. Kits
Only)**

***** NOTE *****

Use Fig. 8B-a to aid in the next few steps

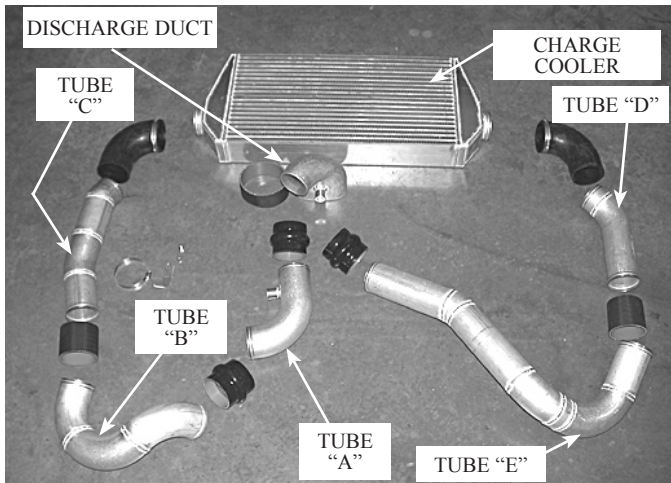


Fig. 8B-a

1. Locate the Charge Air Cooler assembly. Place the cooler onto the previously installed hardware, making sure the four spacers remain in place. Align the top of the cooler flush with the top of the styro-foam bumper support. Secure the cooler using the nuts and washers provided. (See Fig. 8B-b.)

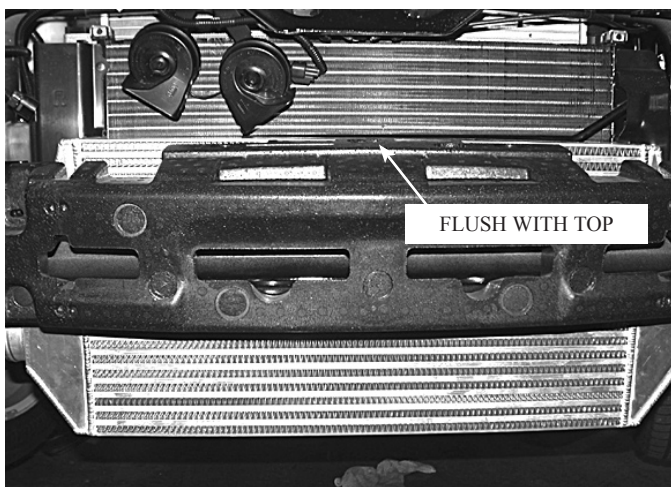


Fig. 8B-b

2. Loosely install the short ends of the two 90° rubber elbows onto each end of the charge cooler using the supplied #48 hose clamps. (See Fig. 8B-c.)

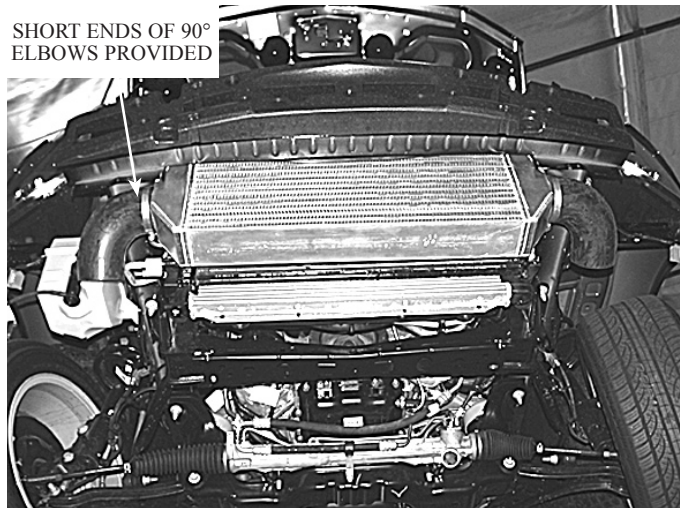


Fig. 8B-c

3. Using a 3" x 3" bump sleeve and two #48 hose clamps, loosely attach tube "A" to the super-charger discharge.

***** NOTE *****

The by-pass port should be facing the driver's side

4. Attach tube "B" using a second 3" x 3" bump sleeve and the provided #48 hose clamps to the open end of tube "A".

***** NOTE *****

For better duct clearance, rotate the power steering return fitting so that it points to the front of the vehicle. Use care not to damage the fitting or hose. If necessary, rotate the power steering line from the rack to the radiator closer to the frame. (See Fig. 8B-d.)

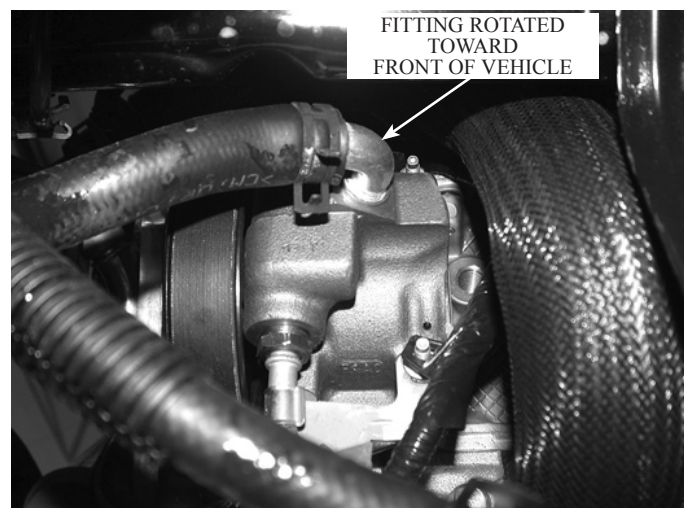


Fig. 8B-d

8B. CHARGE AIR COOLER CORE INSTALLATION
(2005-2006 H.O. Kits Only), *cont'd*

5. Install the provided 3" x 3" sleeve and #48 hose clamps onto the open end of tube "B".
6. Using a 5/16-18 tap, tap the lower hole on the driver's and passenger's side core support. Locate the tube support brackets, 5/16-18 x 1/2" screws and washers. Loosely attach the tube support brackets to the core support. (See Fig. 8B-e, 8B-g.)

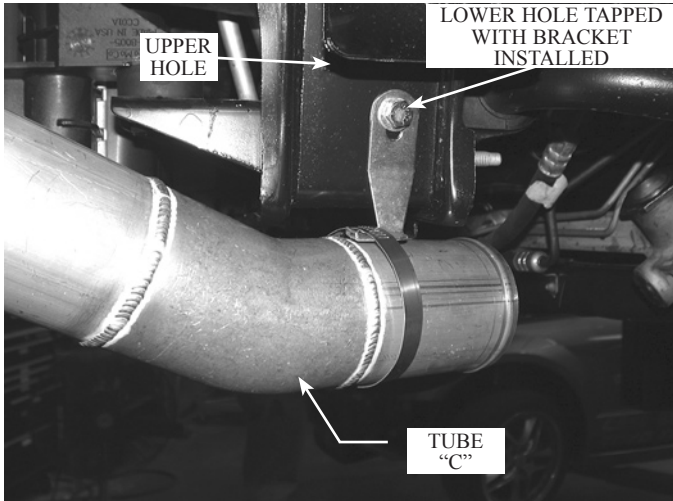


Fig. 8B-e | Driver's side

7. Install tube "C" between the 90° rubber elbow and the 3" x 3" sleeve previously installed on tube "B". Attach tube "C" to its support bracket using the #44 hose clamp. Tighten the clamp and bracket. Secure all hose connections to this point using the #48 hose clamps provided adjusting for best fit and clearance.
8. Install the short end of tube "D" into the open end of the passenger's side 90° rubber elbow previously install. (See Fig. 8B-f.)

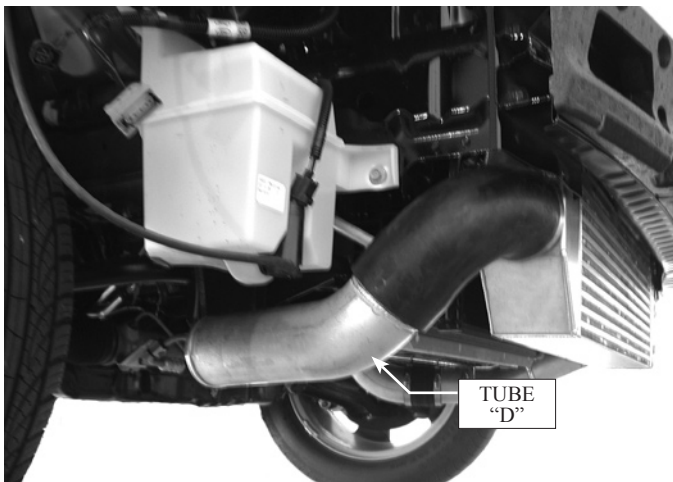


Fig. 8B-f

9. Attach a 3" x 3" sleeve and #48 hose clamps to the open end of tube "D".
10. Install the short end of tube "E" into the sleeve attached to tube "D". Secure the tube support bracket using the previously installed #48 hose clamp. (See Fig. 8B-g.)

***** NOTE *****

For better fit, the transmission cooler lines (if equipped) will need to be pushed upward slightly so that tube "E" will fit between them and the A/C compressor. (See Fig. 8B-g.)

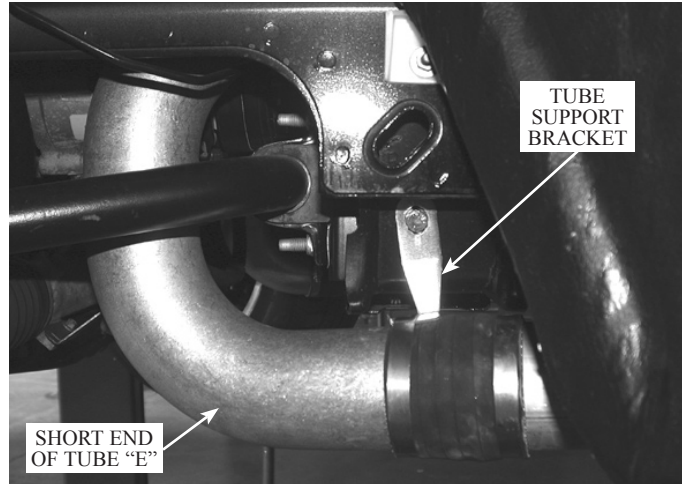


Fig. 8B-g | Passenger's side

11. Attach the cast discharge duct to the throttle body using the supplied 4.5" sleeve and #72 hose clamps.
12. Using the remaining 3" x 3" bump sleeve and #48 hose clamps, connect the long end of tube "E" to the cast discharge tube. (See Fig. 8B-h.)

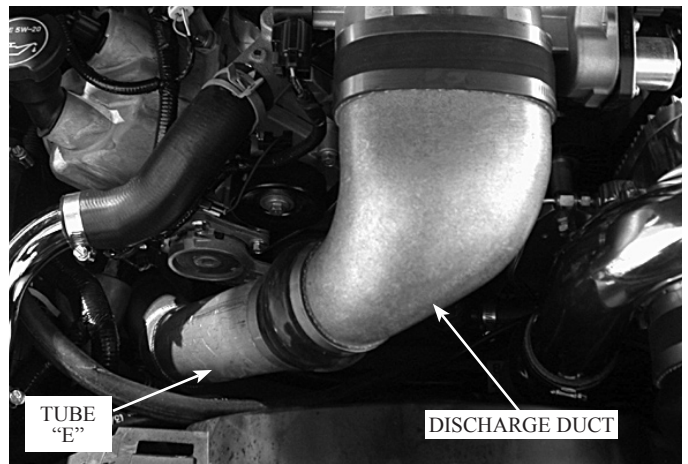


Fig. 8B-h

13. Secure all hose connections at this time, adjusting for best fit and clearance.

8C. COMPRESSOR BYPASS VALVE #1
ASSEMBLY INSTALLATION: (2005-2006
H.O. Kits Only)

1. Cut a piece of the provided 1" heater hose approximately 3" long and secure it to the by-pass valve inlet (opposite the vacuum port) using the #16 hose clamps provided.
2. Locate the 1" molded rubber 90° elbow and cut approximately 6" from the long end and 1" from the short end. Attach the long end to the by-pass valve discharge and secure using the #16 hose clamps provided. (See Fig. 8C-a, 8D-c.)
3. Attach the open end of the 3" long hose to the by-pass port on tube "A" and secure using a #16 hose clamp. The open end of the 90° hose will be connected to the inlet duct in a later step. (See Fig. 8D-c.)

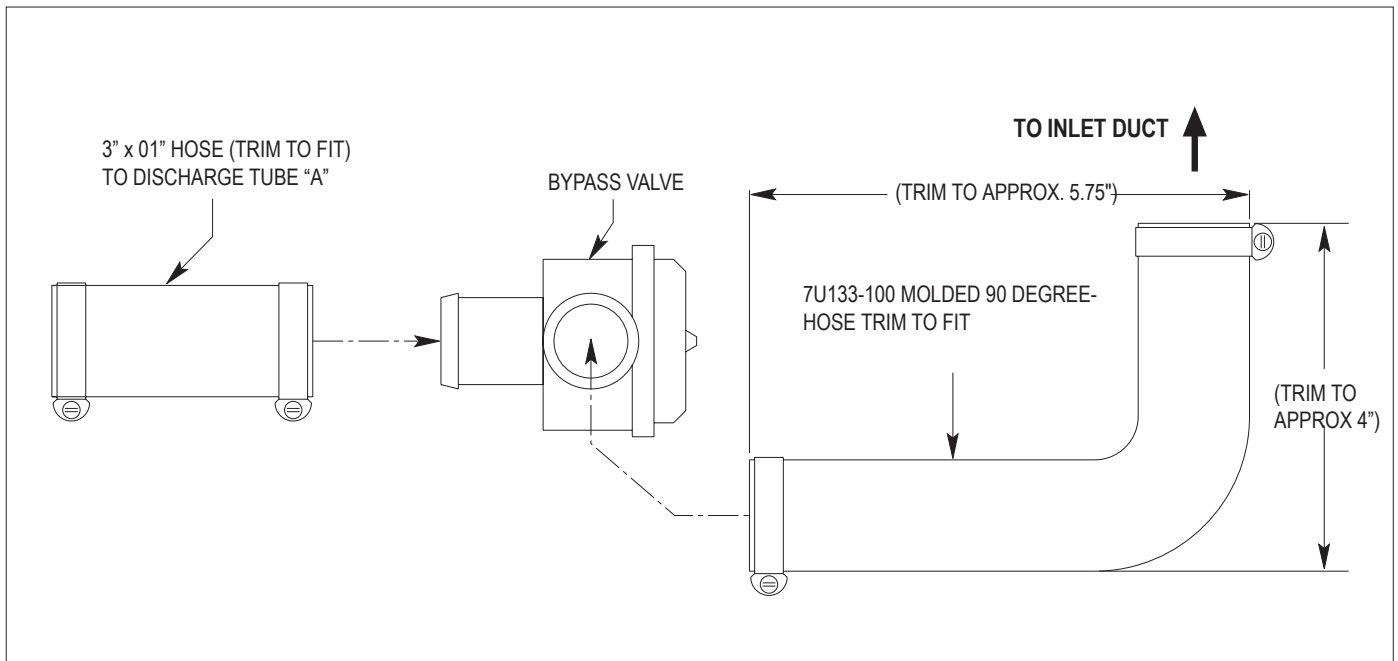


Fig. 8C-a

**8D. COMPRESSOR BYPASS VALVE #2
ASSEMBLY INSTALLATION (2005-2006
Model H.O. Kits Only)**

1. Cut a piece of the supplied 1" heater hose 4.5" long and a piece 15" long.
2. Attach the 4.5" piece of hose to the inlet of the by-pass valve, securing it with a #16 hose clamp.
3. Secure the 15" piece to the by-pass valve discharge using a #16 hose clamp.
4. Attach the open end of the 4.5" hose to the by-pass port on the cast discharge duct and secure using a #16 hose clamp. The open end of the 15" long hose will be attached to the inlet duct in a later step. (See Fig. 8D-a, 8D-c.)

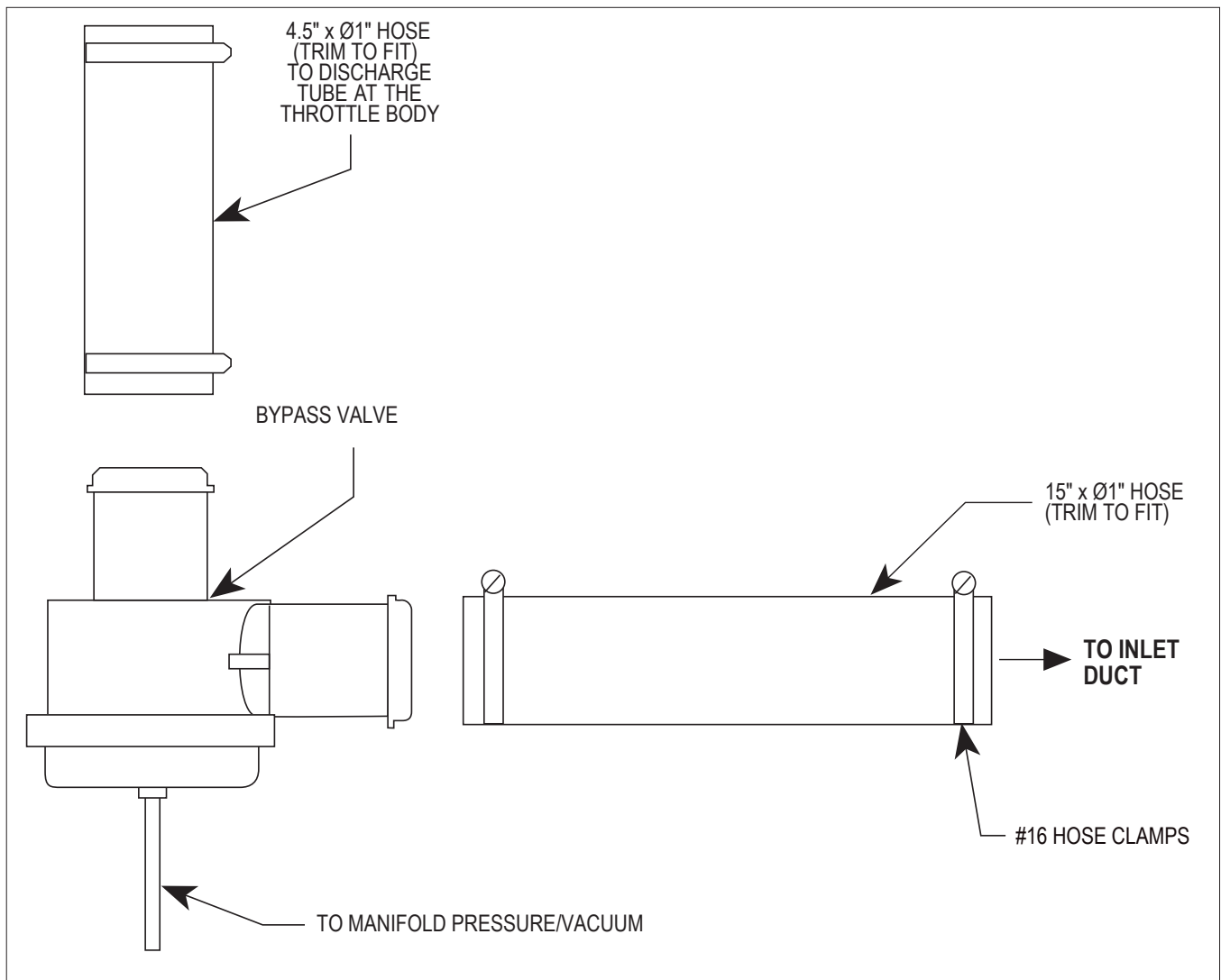


Fig. 8D-a

**8D. COMPRESSOR BYPASS VALVE #2
ASSEMBLY INSTALLATION (2005-2006
H.O. Kits Only), cont'd**

5. Attach a length of 5/32" vacuum hose to bypass valve #2 and route to the vacuum port of the fuel rail sensor.
6. Cut a section of the factory hose and install the vacuum TEE that is provided. (See Fig. 8D-b.)
7. Attach the vacuum hose from the bypass valve to the TEE.
8. Attach a length of 5/32" vacuum hose to the previously installed bypass valve #1. Connect the open end to the previously installed vacuum line running to the fuel rail from bypass #2 using the TEE provided. (See Fig. 8D-c.)

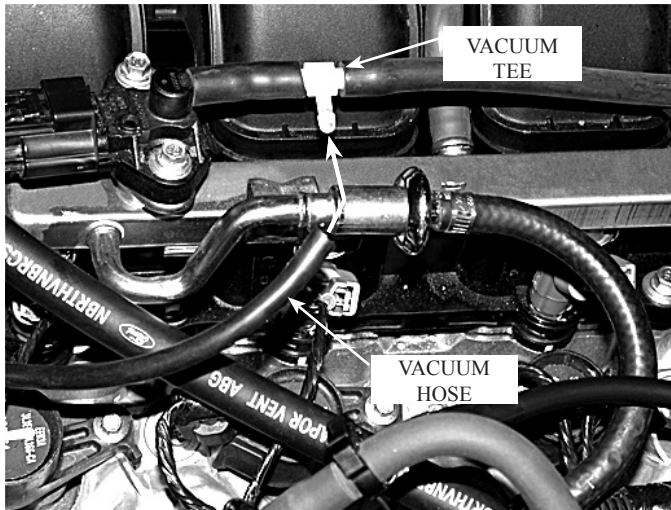


Fig. 8D-b

**8D. COMPRESSOR BYPASS VALVE #2
 ASSEMBLY INSTALLATION (2005-2006
 H.O. Kits Only), cont'd**

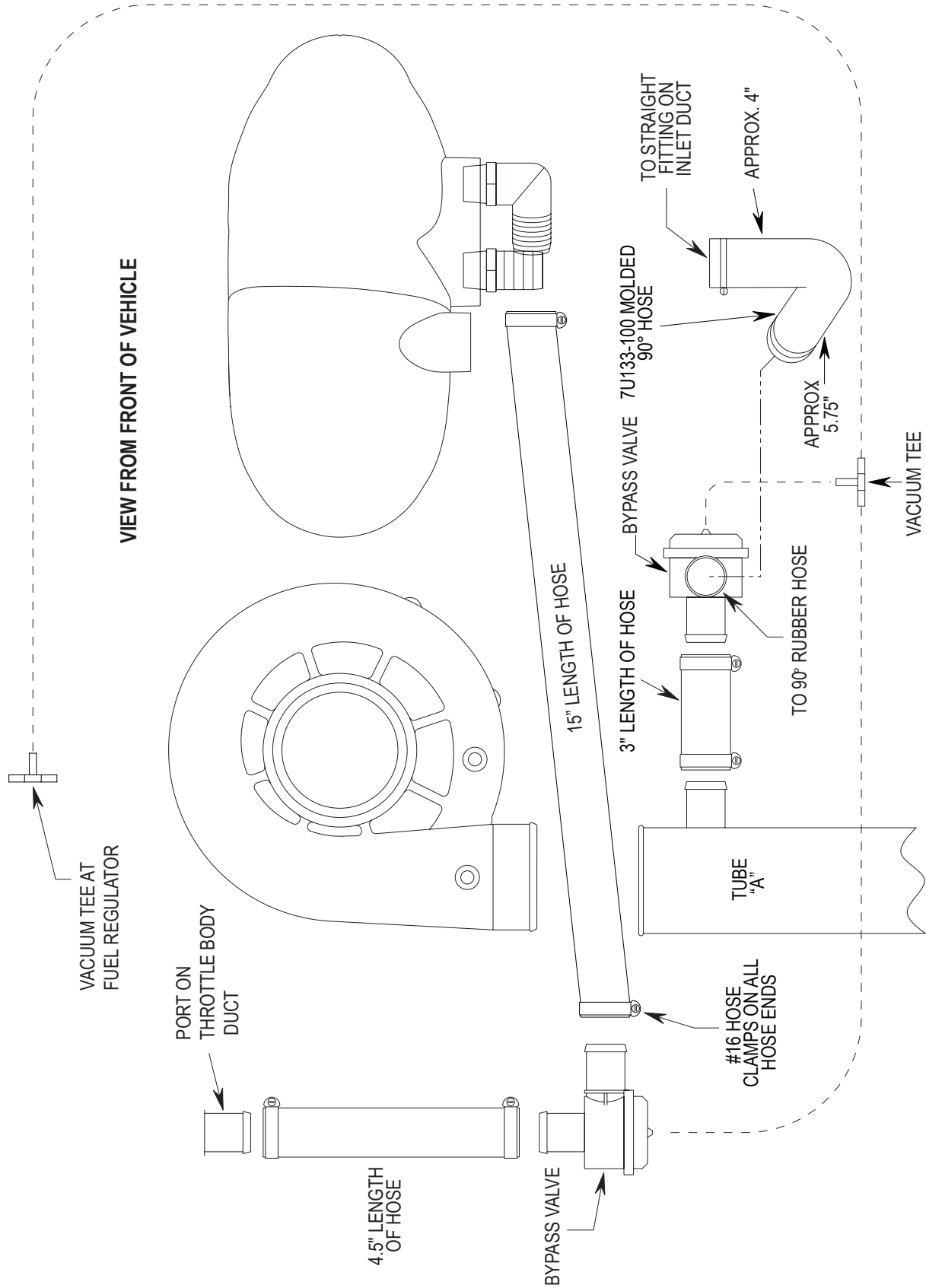


Fig. 8D-c

8E. HORN BRACKET & RELOCATION (2010 Model H.O. Kits Only)

1. Remove factory horn bracket assembly from vehicle with 8mm socket. Loosen horns with 10mm socket and rotate 180° as shown.



Fig. 8E-a

2. Reinstall horn bracket upside down on car and reattach plug. The horns should face down and the bracket should be facing up, opposite of the OEM installation..

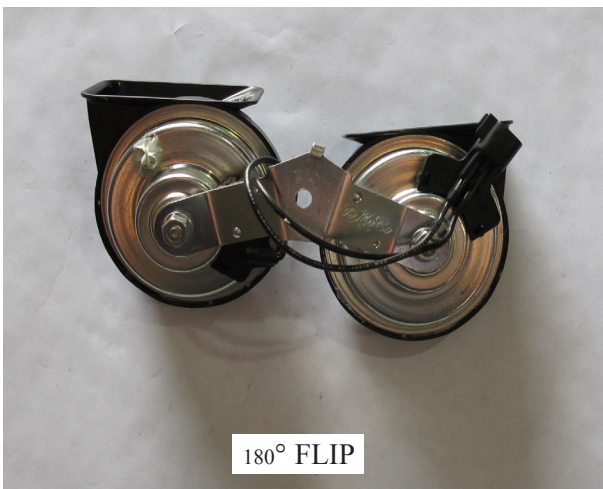


Fig. 8E-b



Fig. 8E-c Installed view of bracket on vehicle

**8F. AIR DIVERSION PANEL MODIFICATION (2010)
Models Only)**

1. You will need to trim the air diversion panels previously removed in step 8A, Fig 8A-j. On the drivers side, measure from the top 12" and cut the remaining material below. (See Fig 8F-a)

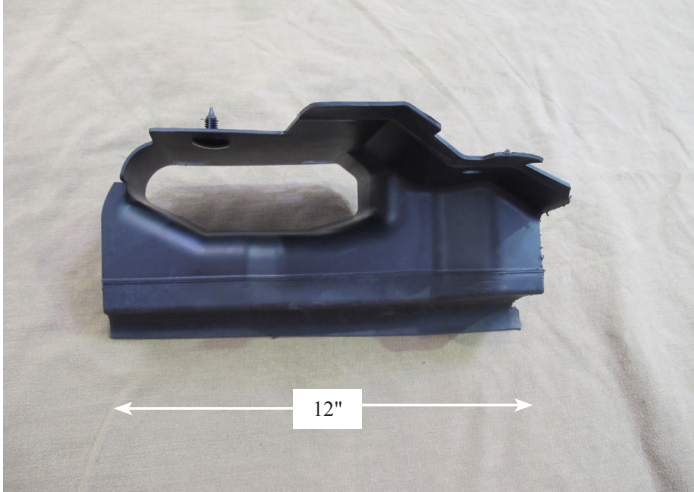


Fig. 8F-a

2. On the passenger side, measure from the top 15 1/2" and cut the remaining material below. (See Fig 8F-b)



Fig. 8F-b

3. Locate the supplied air diversion panel cover PN 4FU013-021. Attach the supplied cover to the modified driver side diversion panel. Use the holes in the cover as a template to drill 1/8" holes thru the plastic panel. Secure cover to the panel using supplied 1/8" rivets. (See Figs. 8F-c , 8F-d)

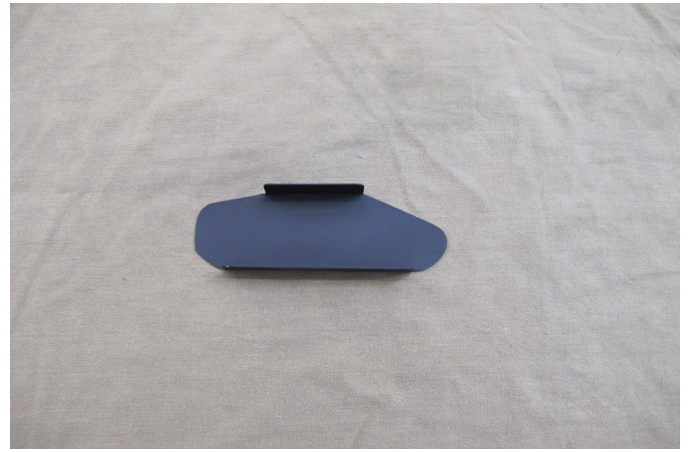


Fig. 8F-c

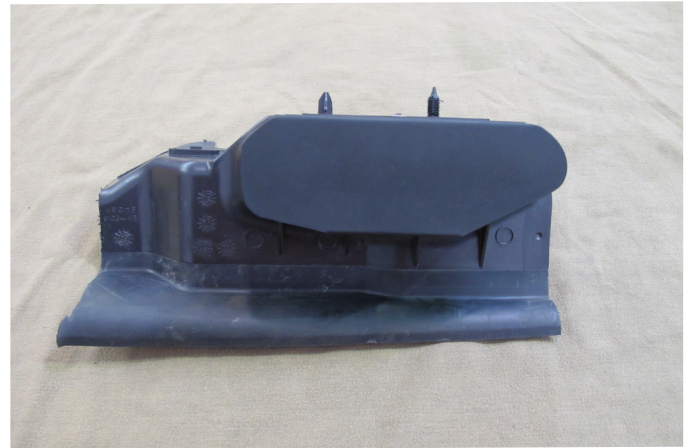


Fig. 8F-d

4. Reinstall the air diversion panels back onto the car. You will need to install the ambient air temperature sensor (located on the horn wiring harness) in a revised location. On the drivers side air diversion panel, you will find some soft rubber on the front. This is where you will mount the ambient air temp sensor. Simply drill or poke two holes to allow the attached clip to go through the rubber. (See 8F-e)

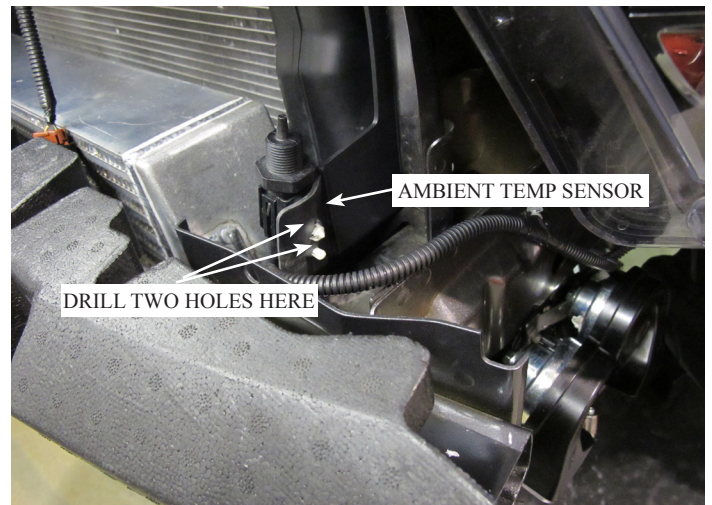


Fig. 8F-e

8G. CHARGE AIR COOLER CORE INSTALLATION (2007-2010 Model H.O. Kits Only)

*** NOTE ***

Use Fig. 8G-a to aid in the next few steps

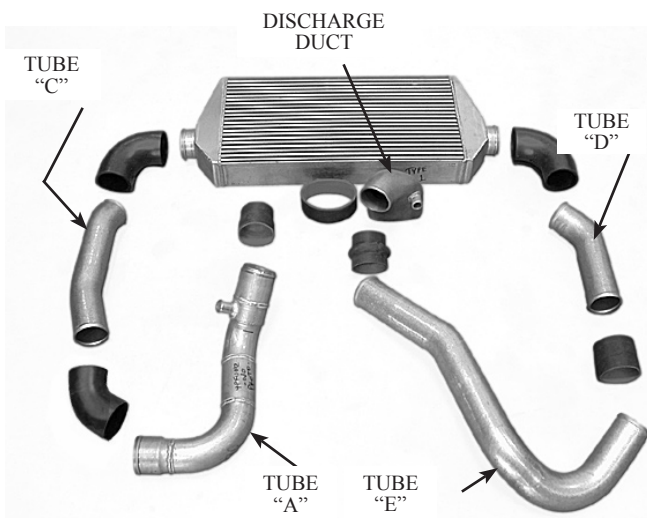


Fig. 8G-a

1. Locate the Charge Air Cooler assembly. Place the cooler onto the previously installed hardware, making sure the four spacers remain in place. Align the top of the cooler flush with the top of the styro-foam bumper support. Secure the cooler using the nuts and washers provided. (See Fig. 8G-b.)

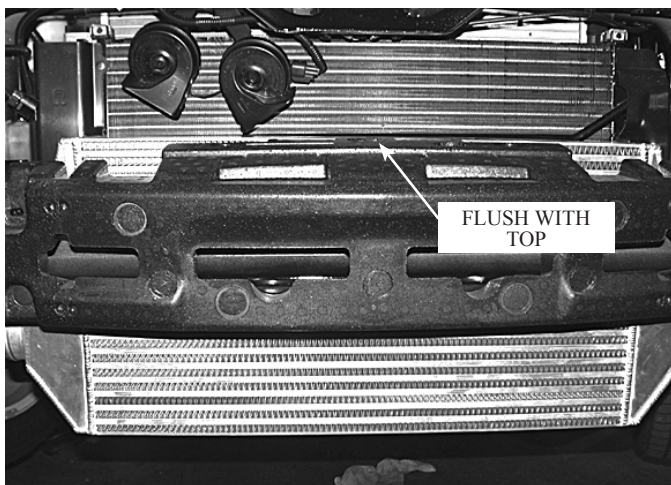


Fig. 8G-b

2. Loosely install the short ends of the two 90° rubber elbows onto each end of the charge cooler using the supplied #48 hose clamps. (See Fig. 8G-c.)

SHORT ENDS OF 90°
ELBOWS PROVIDED

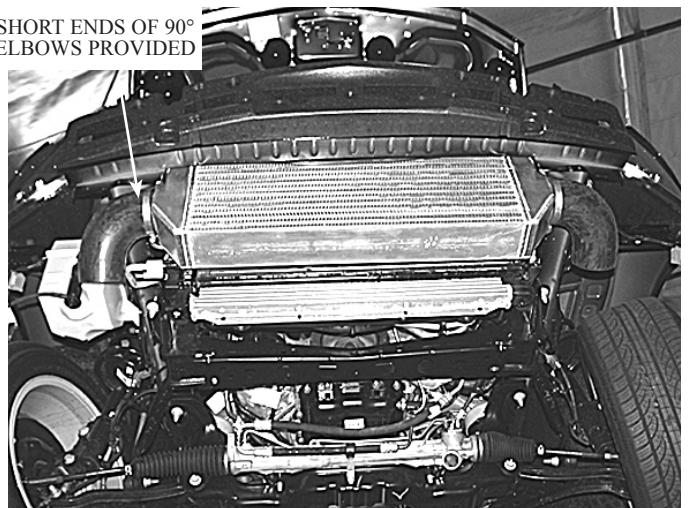


Fig. 8G-c

*** NOTE ***

For better duct clearance, rotate the power steering return fitting so that it points to the front of the vehicle. Use care not to damage the fitting or hose. If necessary, rotate the power steering line from the rack to the radiator closer to the frame. (See Fig. 8G-d.)

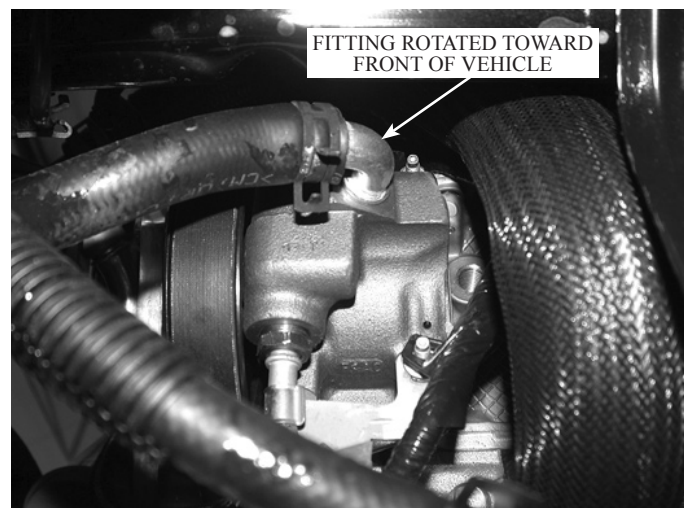


Fig. 8G-d

3. Using the Ø3" x 2.75" reducer sleeve and clamps, loosely attach tube "A" to the supercharger's discharge. (See Fig. 8G-e.)

8G. CHARGE AIR COOLER CORE INSTALLATION
(2007-2010 Model H.O. Kits Only), cont'd

3. Install the provided 3" x 45° sleeve and #48 hose clamps onto the open end of tube "A".
4. Using a 5/16-18 tap, tap the lower hole on the driver's and passenger's side core support. Locate the tube support brackets, 5/16-18 x 1/2" screws and washers. Loosely attach the tube support brackets to the core support. (See Fig. 8G-f, 8G-i)

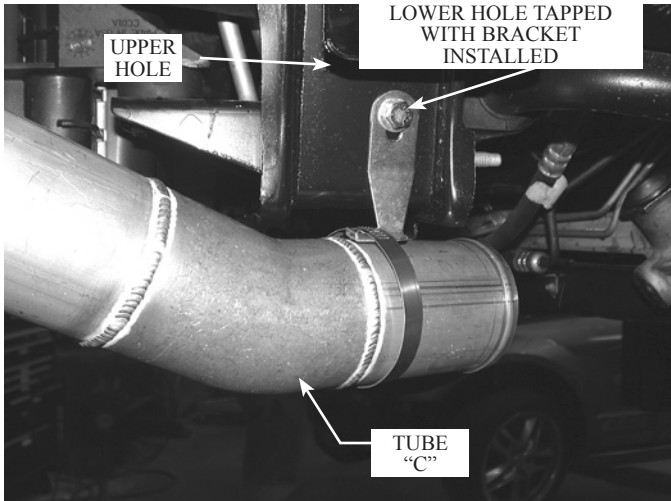
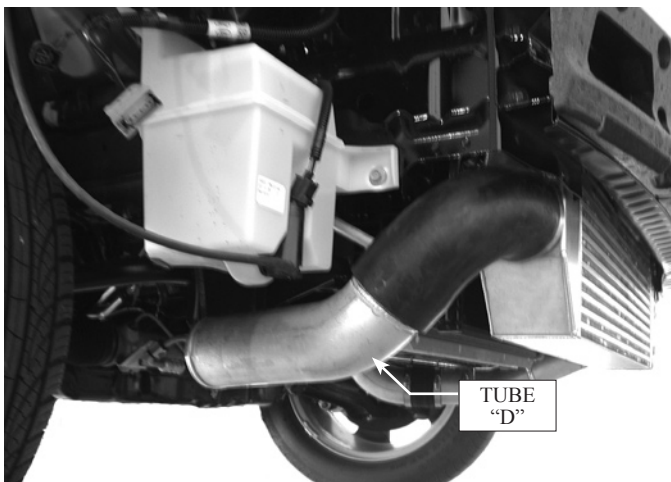


Fig. 8G-f | Driver's side

5. Install tube "C" between the 90° rubber elbow and the 3" x 45° sleeve previously installed on tube "A". Attach tube "C" to its support bracket using the #44 hose clamp. Tighten the clamp and bracket. Secure all hose connections to this point using the #48 hose clamps provided adjusting for best fit and clearance.
6. Install the short end of tube "D" into the open end of the passenger's side 90° rubber elbow previously install. (See Fig. 8G-g)



7. Attach a 3" x 3" sleeve and #48 hose clamps to the open end of tube "D".
8. Install the short end of tube "E" into the sleeve attached to tube "D". Secure the tube support bracket using the previously installed #48 hose clamp. (See Fig. 8G-h.)

***** NOTE *****

For better fit, the transmission cooler lines (if equipped) will need to be pushed upward slightly so that tube "E" will fit between them and the A/C compressor. (See Fig. 8G-h.)

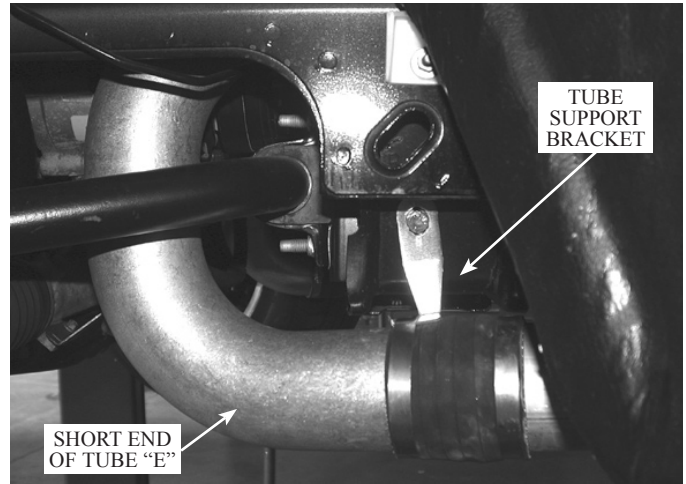


Fig. 8G-h | Passenger's side

9. Attach the cast discharge duct to the throttle body using the supplied 4.5" sleeve and #72 hose clamps.
10. Using the remaining 3" x 3" bump sleeve and #48 hose clamps, connect the long end of tube "E" to the cast discharge tube. (See Fig. 8G-j.)

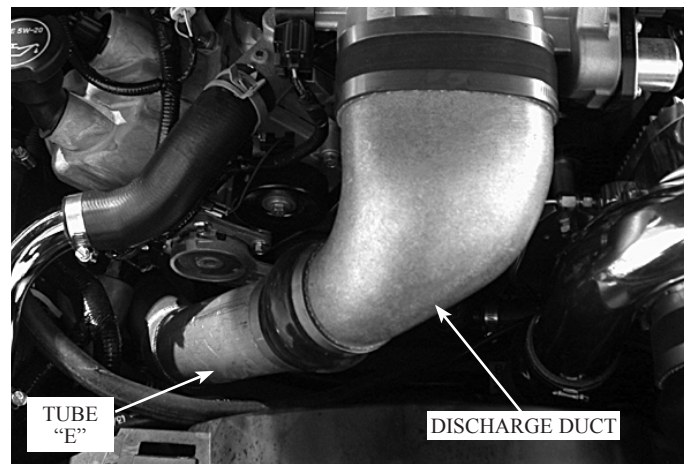


Fig. 8G-j

11. Secure all hose connections at this time, adjusting for best fit and clearance.

**8H. COMPRESSOR BYPASS VALVE #1
INSTALLATION (2007-2010 Model H.O. Kits
Only)**

1. Cut a piece of the provided 1" heater hose approximately 4.25" long and secure it to the by-pass valve inlet (*opposite the vacuum port*) using the #16 hose clamps provided.
2. Locate the 1" molded rubber 45° elbow and cut approximately 6" from the long end and 1" from the short end. Attach the long end to the by-pass valve discharge and secure using the #16 hose clamps provided. (See Fig. 8H-a, 8I-a.)
3. Attach the open end of the 4.25" long hose to the by-pass port on tube "A" and secure using a #16 hose clamp. The open end of the 45° hose will be connected to the inlet duct in a later step. (See Fig. 8H-a, 8I-a.)

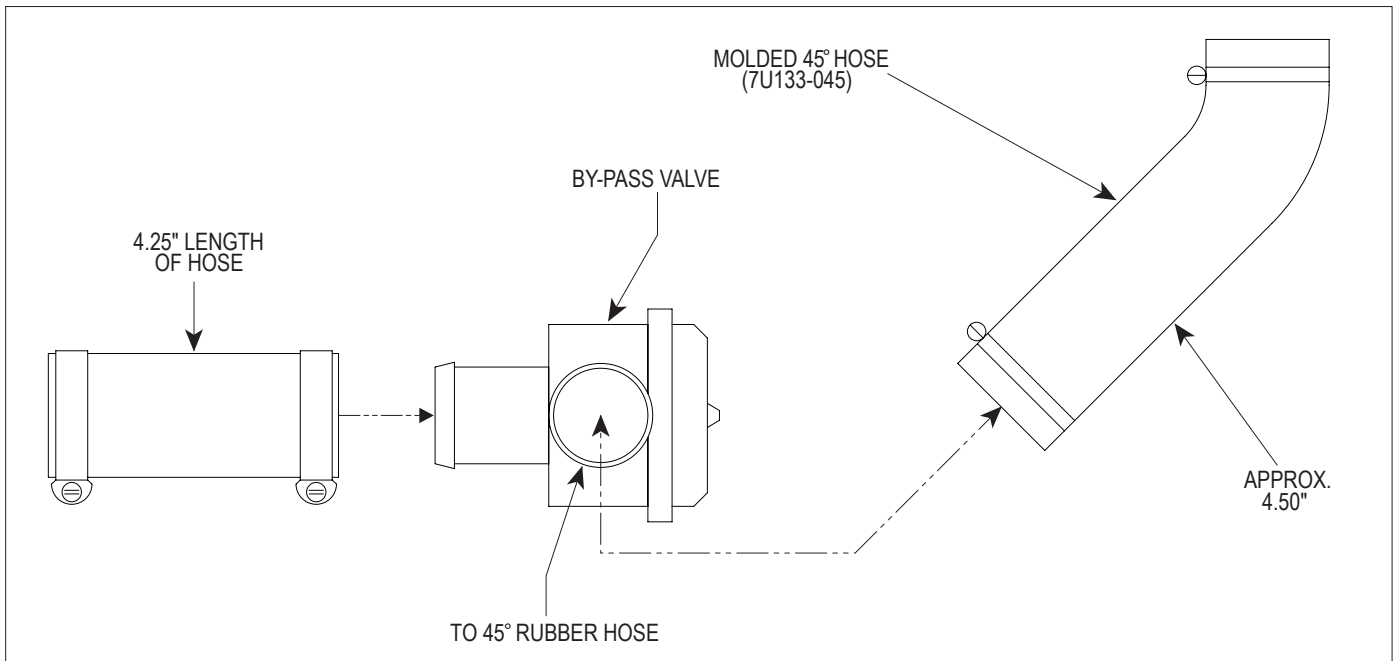


Fig. 8H-a

**8I. COMPRESSOR BYPASS VALVE #2
INSTALLATION (2007-2010 Model H.O. Kits
Only)**

1. Cut a piece of the supplied 1" heater hose 9.5" long and a piece 14.5" long.
2. Attach the 9.5" piece of hose to the inlet of the by-pass valve, securing it with a #16 hose clamp.
3. Secure the 14.5" piece to the by-pass valve discharge using a #16 hose clamp.
4. Attach the open end of the 9.5" hose to the by-pass port on the cast discharge duct and secure using a #16 hose clamp. The open end of the 14.5" long hose will be attached to the inlet duct in a later step. (See Fig. 8Ia, 8I-b.)

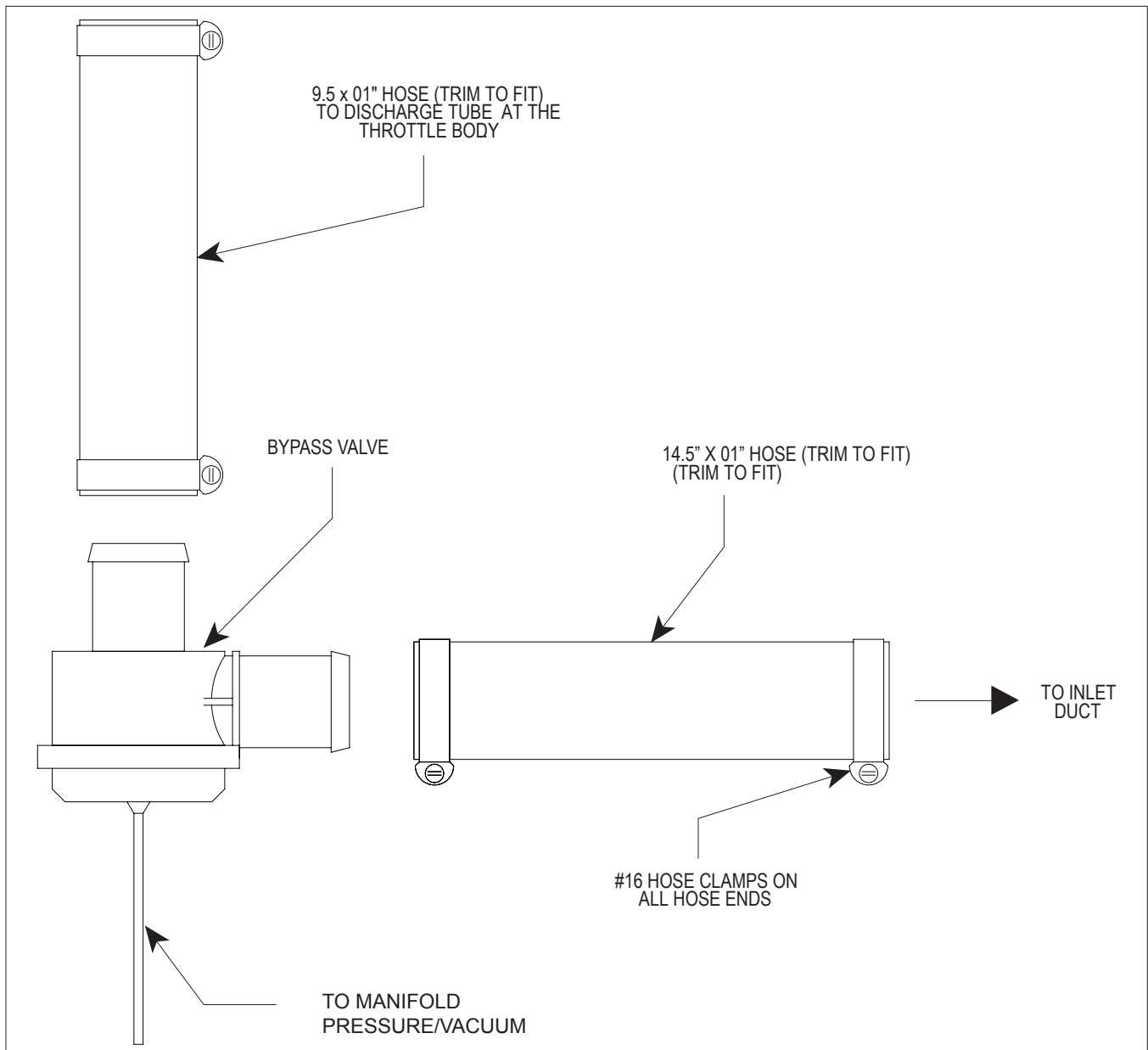


Fig. 8I-a

**8I. COMPRESSOR BYPASS VALVE #2
INSTALLATION (2007-2010 Model H.O. Kits
Only), cont'd**

5. Attach a length of 5/32" vacuum hose to bypass valve #2 and route to the vacuum port of the fuel rail sensor.
6. Cut a section of the factory hose and install the vacuum TEE that is provided. (See *Fig. 8I-b.*)
7. Attach the vacuum hose from the bypass valve to the TEE.
8. Attach a length of 5/32" vacuum hose to the previously installed bypass valve #1. Connect the open end to the previously installed vacuum line running to the fuel rail from bypass #2 using the TEE provided. (See *Fig. 8I-b.*)

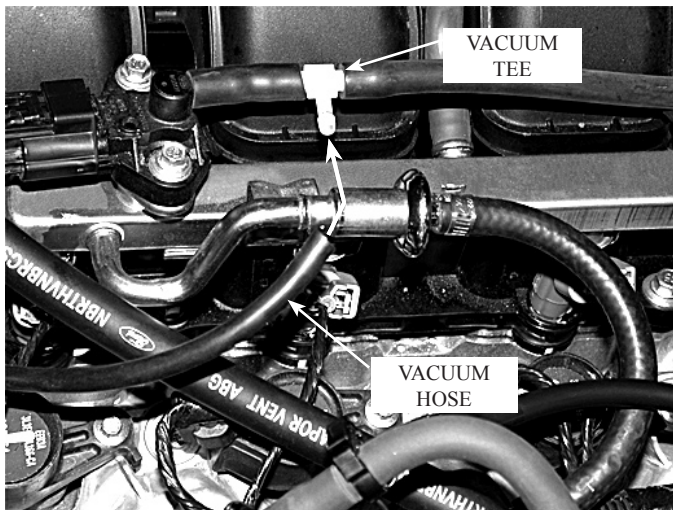


Fig. 8I-b

**8I. COMPRESSOR BYPASS VALVE #2
 INSTALLATION (2007-2010 Model H.O. Kits
 Only), cont'd**

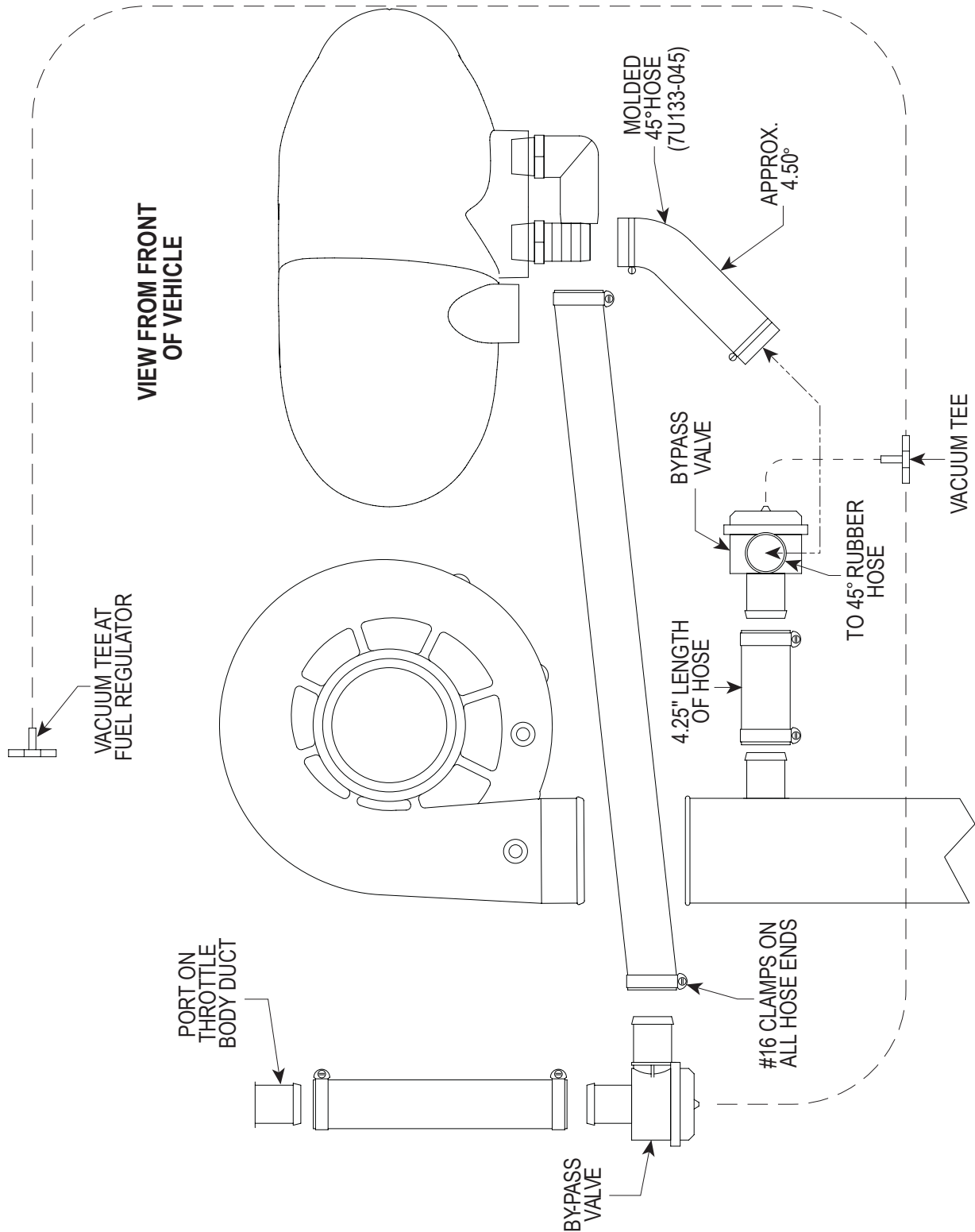


Fig. 8I-c

8J. WIRING HARNESS RELOCATION (H.O. Kits Only)

1. On the passenger's side of the engine, attached to the valve cover, is a large wire harness. The harness will have to be relocated to gain clearance for the radiator overflow reservoir. (See Fig. 8J-a.)

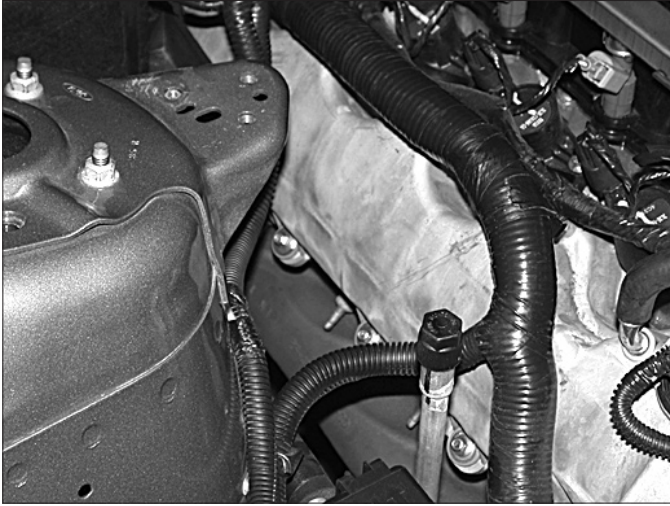


Fig. 8J-a

2. Detach the wiring harness from the retaining clips and move the harness to the shock tower. Secure the harness to the A/C line with wire ties. (See Fig. 8J-b.)



Fig. 8J-b

3. Remove the small clip retaining the small wiring harness to the shock tower. (See Fig. 8J-b.)
4. Attach the small harness to the large harness with wire ties.
5. To gain clearance for the coolant reservoir the A/C line will need to be bent slightly towards the passenger's side fender. (See Fig. 8J-b.)
6. Remove the 10mm headed screw retaining the ground strap to the bracket on the strut tower. (See Fig. 8J-c.)

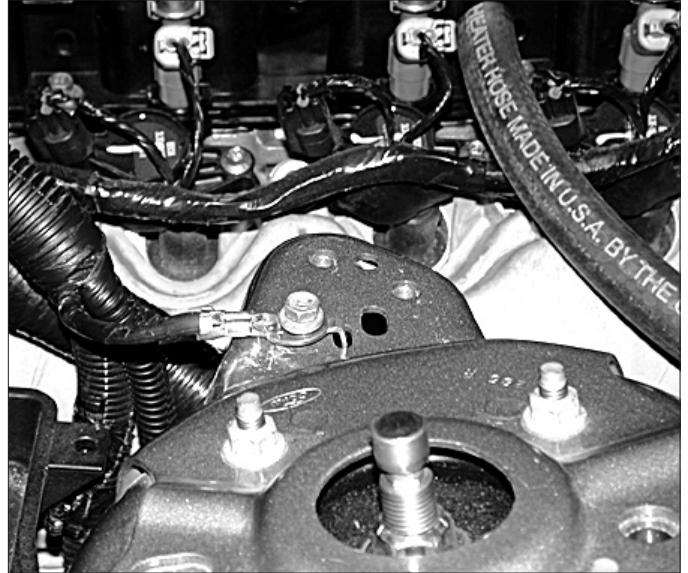


Fig. 8J-c

*** NOTE ***
2007-2010 Models skip to 8L

**8K. ENGINE COOLANT RESERVOIR
INSTALLATION (2005-2006 Model H.O. Kits
Only)**

1. Locate assembly 8N155-080.
2. Attach the rear reservoir mounting bracket 4FU010-051 to the reservoir with the 1/4-20 x 3/4" long bolts and washers provided. (See Fig. 8K-a.)



Fig. 8K-a

3. Attach bracket 4FU010-061 to the front of the reservoir with the hardware provided. (See Fig. 8K-b.)

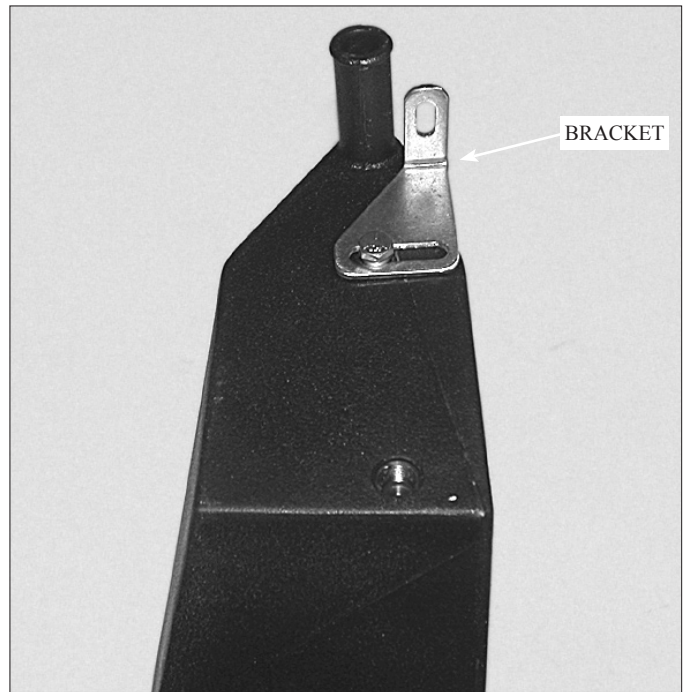


Fig. 8K-b

4. Locate and install 1/4"NPT x 3/8" barbed fitting in the tapped hole just above the previously installed mounting bracket. This hole may have to be opened using the appropriate drill bit. (See Fig. 8K-c.)

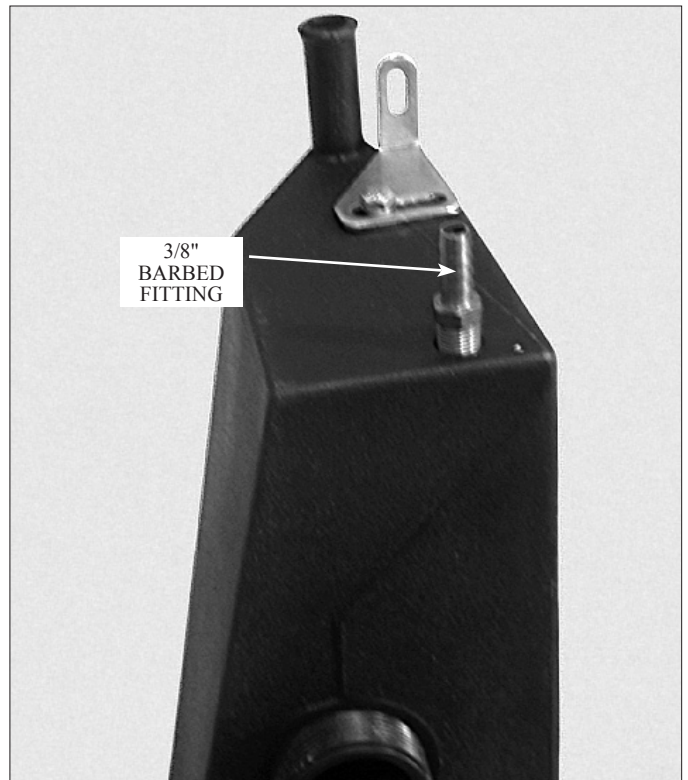


Fig. 8K-c

**8K. ENGINE COOLANT RESERVOIR
INSTALLATION (2005-2006 Model H.O. Kits Only),
cont'd**

5. Remove the 10mm headed bolt that secures the back of the ECU and the power distribution box. (See Fig. 8K-d.)

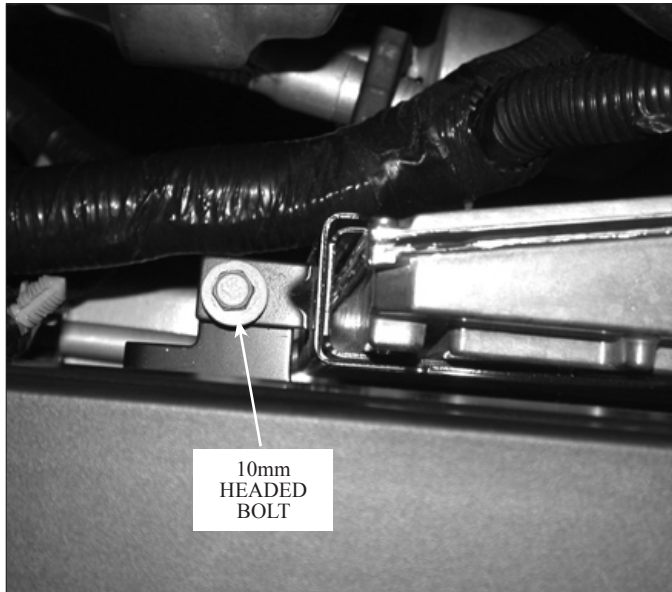


Fig. 8K-d

6. Install the coolant reservoir. Secure the front of the reservoir with the factory fastener removed previously. (See Fig. 8K-e.)

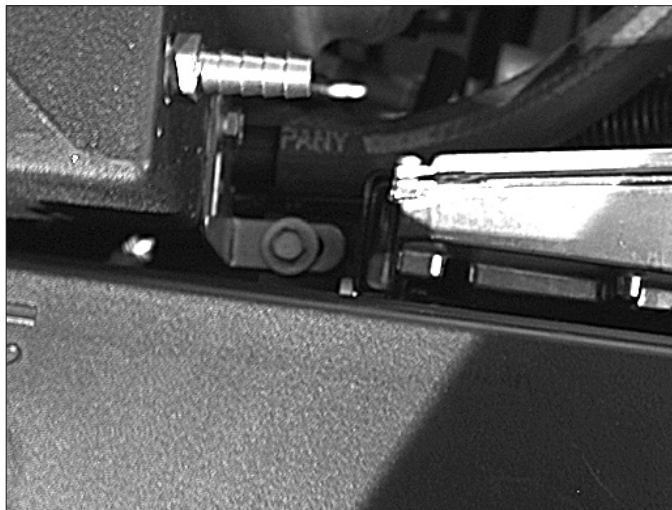


Fig. 8K-e

***** NOTE *****

Leave this bolt loose for final adjustment in a later step.

7. Attach the rear mounting bracket to the strut tower with the 6mm x 20mm long screws and washer provided. (See Fig. 8K-f.)

***** NOTE *****

Reinstall the factory ground wire with one of the 6mm screws and washers.

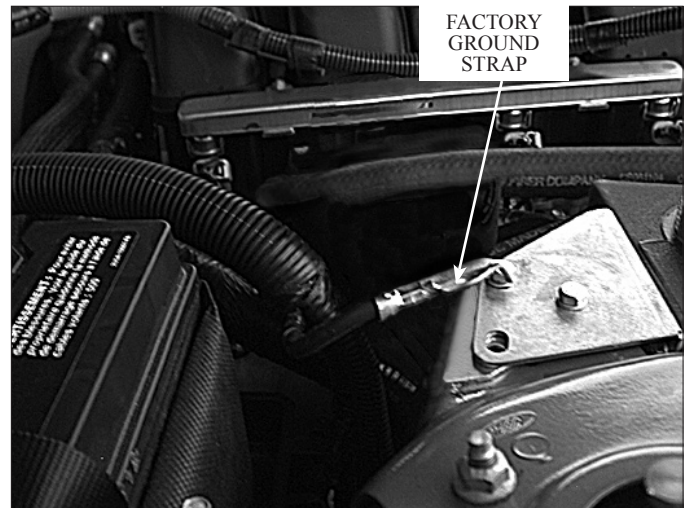


Fig. 8K-f

8. Attach a length of 3/4" hose (approximately 3') to the 3/4" bung on the front of the coolant reservoir. Route the hose to the 3/4" outlet on the thermostat housing secure the hose with the clamps provided. (See Fig. 8K-g.)

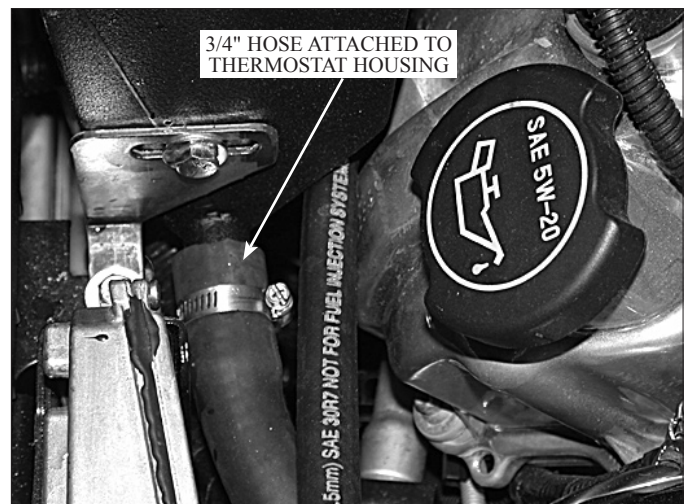


Fig. 8K-g

**8K. ENGINE COOLANT RESERVOIR
INSTALLATION (2005-2006 Model H.O. Kits Only),
cont'd**

9. Reinstall the factory passenger's side upper radiator hose removed in a previous step. (See Fig. 8K-j.)
10. Modify the small hose removed from the factory coolant overflow reservoir. By cutting the "S" bend off the hose end. (See Fig. 8K-h.)

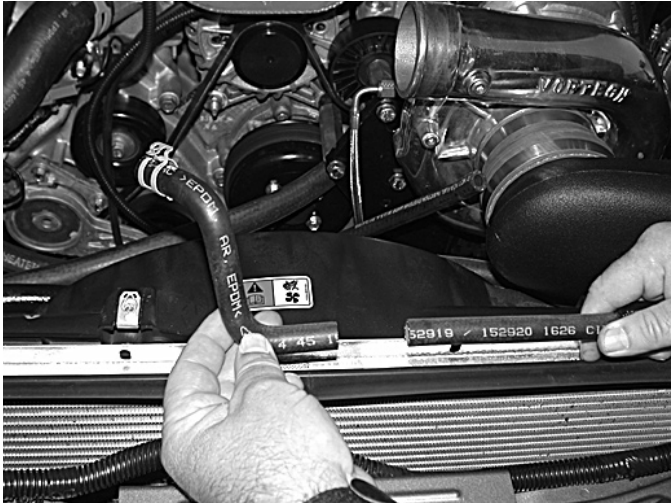


Fig. 8K-h

11. Install a 3/8" union and a #17 stepless clamp. Secure the clamp. Using a length of 3/8" (approximately 30" long) hose that is provided, secure the hose to the union with a #17 stepless clamp. (See Fig. 8K-i.)



Fig. 8K-i

12. Route the overflow hose across the radiator and under the radiator retaining bracket to the 1/4"NPT x 3/8" hose barb fitting in the coolant reservoir securing with a clamp. (See Fig. 8K-j.)

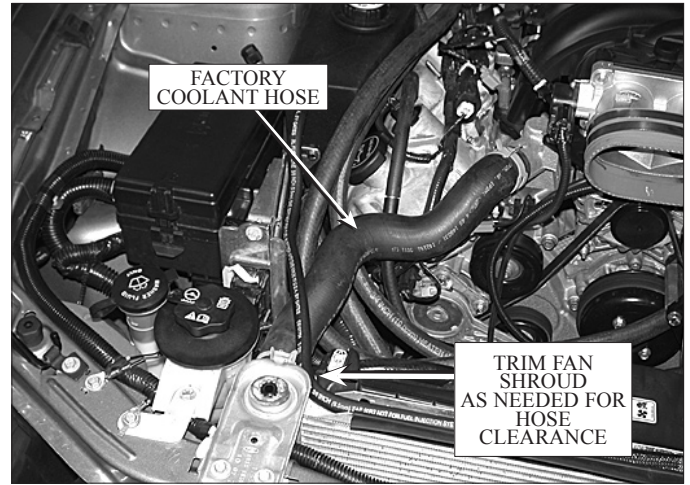


Fig. 8K-j

13. Check to see that all hose connections are secure.
14. Refill the coolant system using the factory coolant (if in good condition). Use the factory radiator cap saved during a previous step.
15. Once the cooling system is filled and all trapped air expelled, install the 1/8"NPT plug provided in the previously installed cross-over tube. Thread sealant should be used.

**8L. ENGINE COOLANT RESERVOIR
INSTALLATION (2007-2010 Model H.O. Kits
Only)**

1. Locate assembly 8N155-082.
2. Attach the rear reservoir mounting bracket 4FU010-091 to the reservoir with the 1/4-20 x 1/2" long bolts and washers provided. (See Fig. 8L-a.)
3. Attach bracket 4FU010-061 to the front of the reservoir with the hardware provided. (See Fig. 8L-b.)
4. Locate and install 1/4"NPT x 3/8" barbed fitting in the tapped hole just above the previously installed mounting bracket. This hole may have to be opened using the appropriate drill bit. (See Fig. 8L-c.)

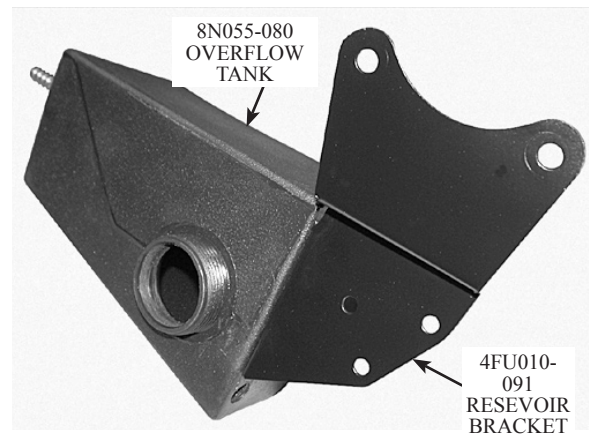


Fig. 8L-a



Fig. 8L-b

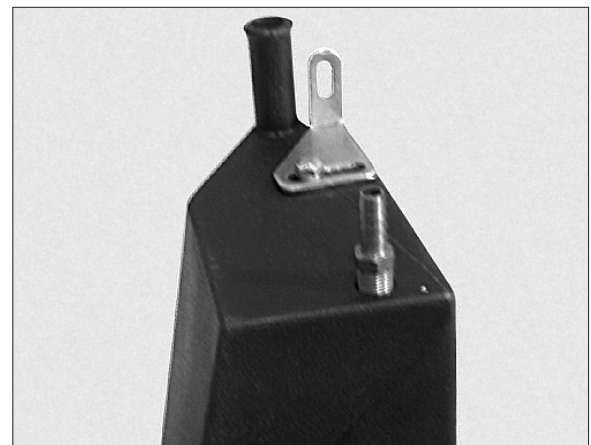


Fig. 8L-c

**8L. ENGINE COOLANT RESERVOIR
INSTALLATION (2007-2010 Model H.O. Kits
Only), cont'd**

5. Remove the 10mm headed bolt that secures the back of the ECU and the power distribution box. (See Fig. 8L-d.)
6. Install the coolant reservoir. Secure the front of the reservoir with the factory fastener removed previously. (See Fig. 8L-e.)

*****NOTE*****

Leave this bolt loose for final adjustment in a later step.

7. Attach the rear mounting bracket to the strut tower using the factory strut mounting hardware. (See Fig. 8L-f.)
8. Attach a length of 3/4" hose (approximately 22" long) to the 3/4" bung on the front of the coolant reservoir. Secure using one of the #10 hose clamps provided. Route the open end of the hose to the 1" hose previously connected to the factory coolant reservoir. Connect and secure the two hoses using the 3/4" x 1" hose union, the factory 1" spring clamp and the #10 hose clamp provided.

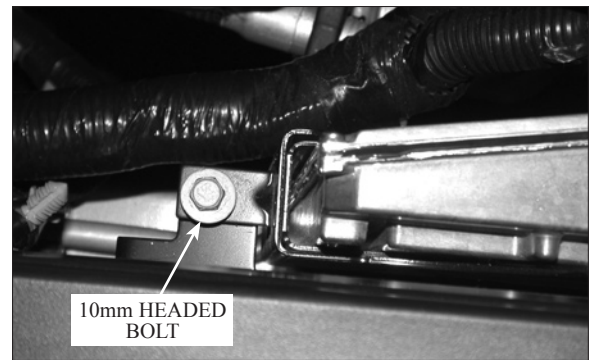


Fig. 8L-d

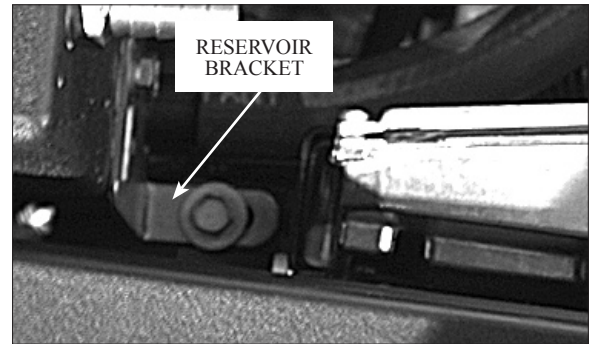


Fig. 8L-e

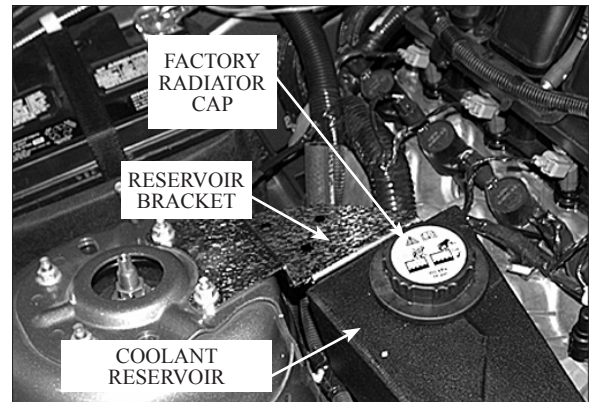


Fig. 8L-f



Fig. 8L-g

**8L. ENGINE COOLANT RESERVOIR
INSTALLATION (2007-2010 Model H.O.
Kits Only), cont'd**

9. Modify the small hose removed from the factory coolant overflow reservoir. By cutting the "S" bend off the hose end. (See Fig. 8L-h.)
10. Install a 3/8" union and a #17 stepless clamp. Secure the clamp. Using a length of 3/8" (approximately 40" long) hose that is provided, secure the hose to the union with a #17 stepless clamp. (See Fig. 8L-i.)
11. Route the overflow hose across the radiator and under the radiator retaining bracket to the 1/4"NPT x 3/8" hose barb fitting in the coolant reservoir securing with a clamp. (See Fig. 8L-j.)

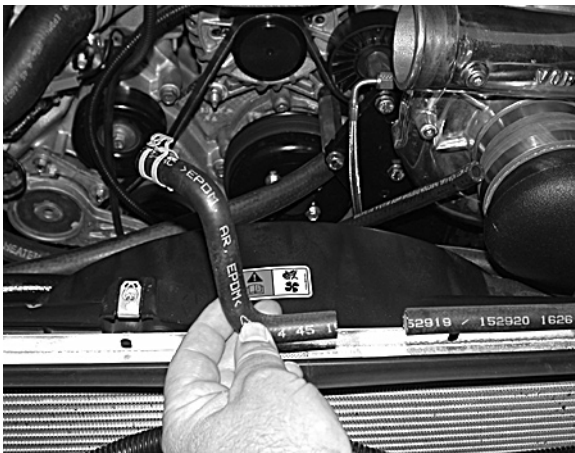


Fig. 8L-h



Fig. 8L-i



Fig. 8L-j

**8M. BUMPER COVER AND SPLASH PAN
MODIFICATION (2010 Model H.O. Kits Only)**

1. It will be necessary to trim the factory bumper cover to fit the charge air cooler and piping. Beginning with the grill you will need to trim approximately 5" x 3 1/2" as shown. You will also need to trim out the vertical supports in the front (See fig 8M-a).

*****NOTE*****

Make small cuts in multiple steps and test fit the parts back onto the vehicle. This will ensure proper fit and minimal material removal.

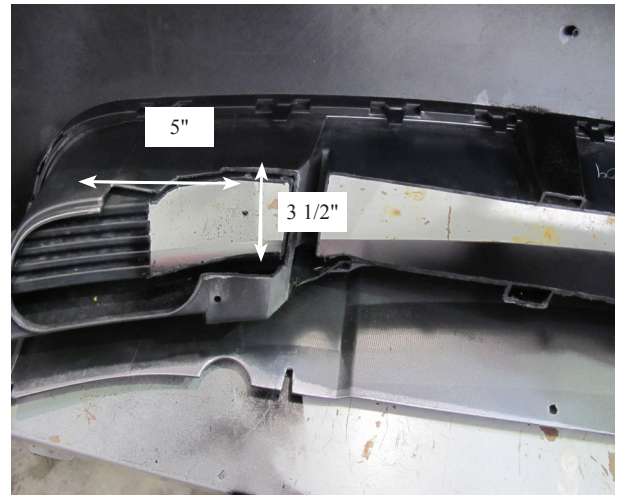


Fig. 8M-a

**8M. BUMPER COVER AND SPLASH PAN
MODIFICATION (2010 Model H.O. Kits Only), cont'd**

2. In the corners of the bumper cover opening you will have approximately 3/4" of material remaining on both sides. Draw a line from here meeting your corner cuts and trim the remainder off. This should leave approximately 3" of bumper cover material in the center. These modifications can be made using a die grinder with a cut-off wheel or other suitable tool. Use a straight edge to keep your cuts true and even. (See Fig 8M-b).

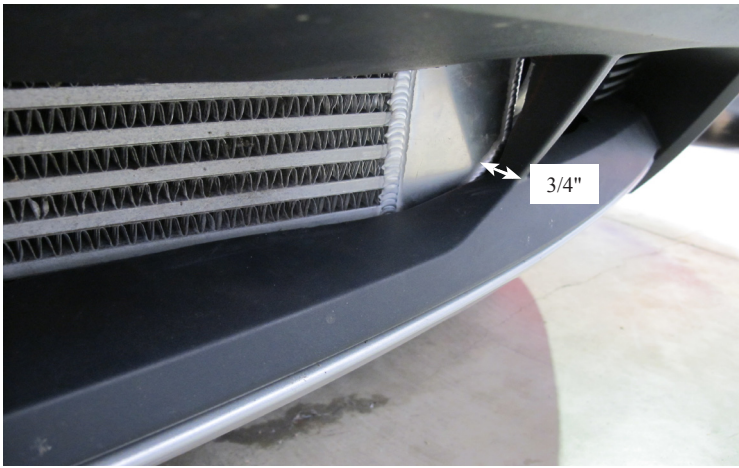


Fig. 8M-b

3. Trial fit the bumper frequently as not to cut off too much. You are now ready to reinstall the front bumper assembly, including the foam inner bumper. Reconnect the fog lights and side markers.
4. Lastly, you will need to trim the plastic splash panels. Fit the splash panel up and follow the line of the CAC pipes. Use the pictures as a guideline, each one will differ a little. (See Fig 8M-c and 8M-d). Figs. 8M-e and 8M-f are completed looks.



Fig. 8M-c



Fig. 8M-d



Fig. 8M-e

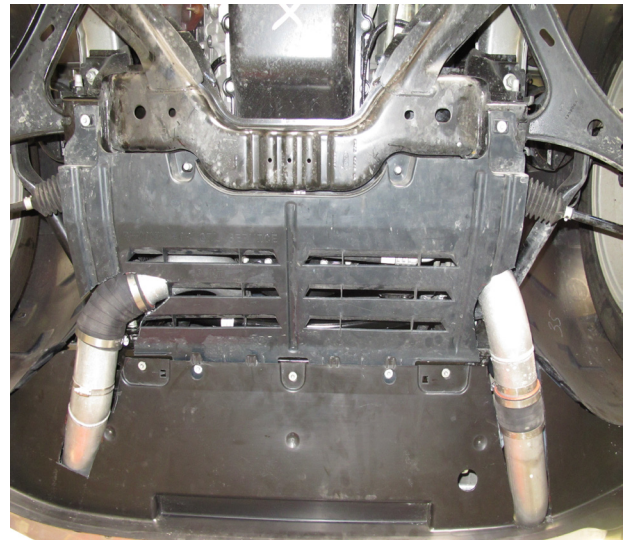


Fig. 8M-f

Section 9

AIR DISCHARGE ASSEMBLY INSTALLATION (NON-COOLED KITS ONLY)

9. AIR DISCHARGE ASSEMBLY (Non-Cooled Kits Only)

- A. Attach the 4.5" sleeve to the discharge duct with the #72 clamps provided.
- B. Install the 3.0" x 2.75" reducer to the inlet of the discharge duct.
- C. Install the duct to the inlet of the throttle body and the outlet of the supercharger. (See Fig. 9-a.)

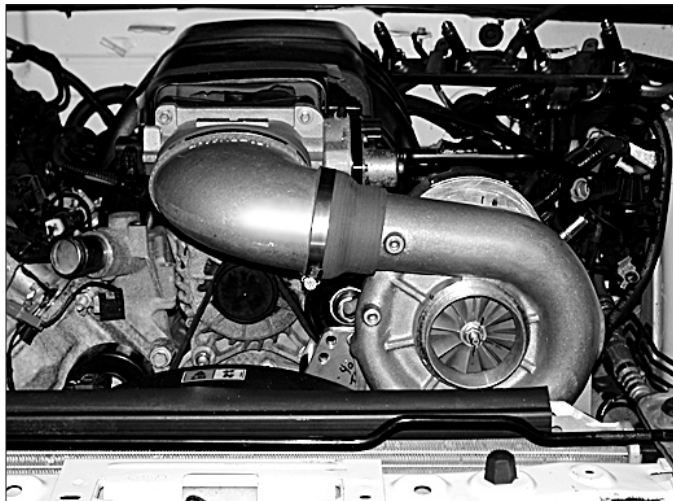


Fig. 9-a

- H. Connect the supplied length of 5/32" vacuum to the port on the bypass valve. Route the line to the fuel regulator vacuum hose. Using the supplied vacuum TEE, connect the bypass vacuum line. (See Figs. 9-b, 9-c on Page 9-2, for assistance.)

- D. Assemble the compressor by-pass valve by using a piece of 1" hose cut 15" long and a piece cut to 4.25" long, and four #16 hose clamps.
- E. Attach the 4.25" piece of hose to the inlet of the by-pass and secure with a #16 clamp. (See Fig. 9-b.)
- F. Secure the 15" piece to the by-pass valve outlet using a #16 hose clamp. (See Fig. 9-b.)
- G. Attach the open end of the 4.25" hose to the 1" boss on the air discharge duct. Secure with a #16 hose clamp. The open end of the 15" long hose will be connected to the air inlet in a future step.

9. AIR DISCHARGE ASSEMBLY
(Non-cooled Kits Only)

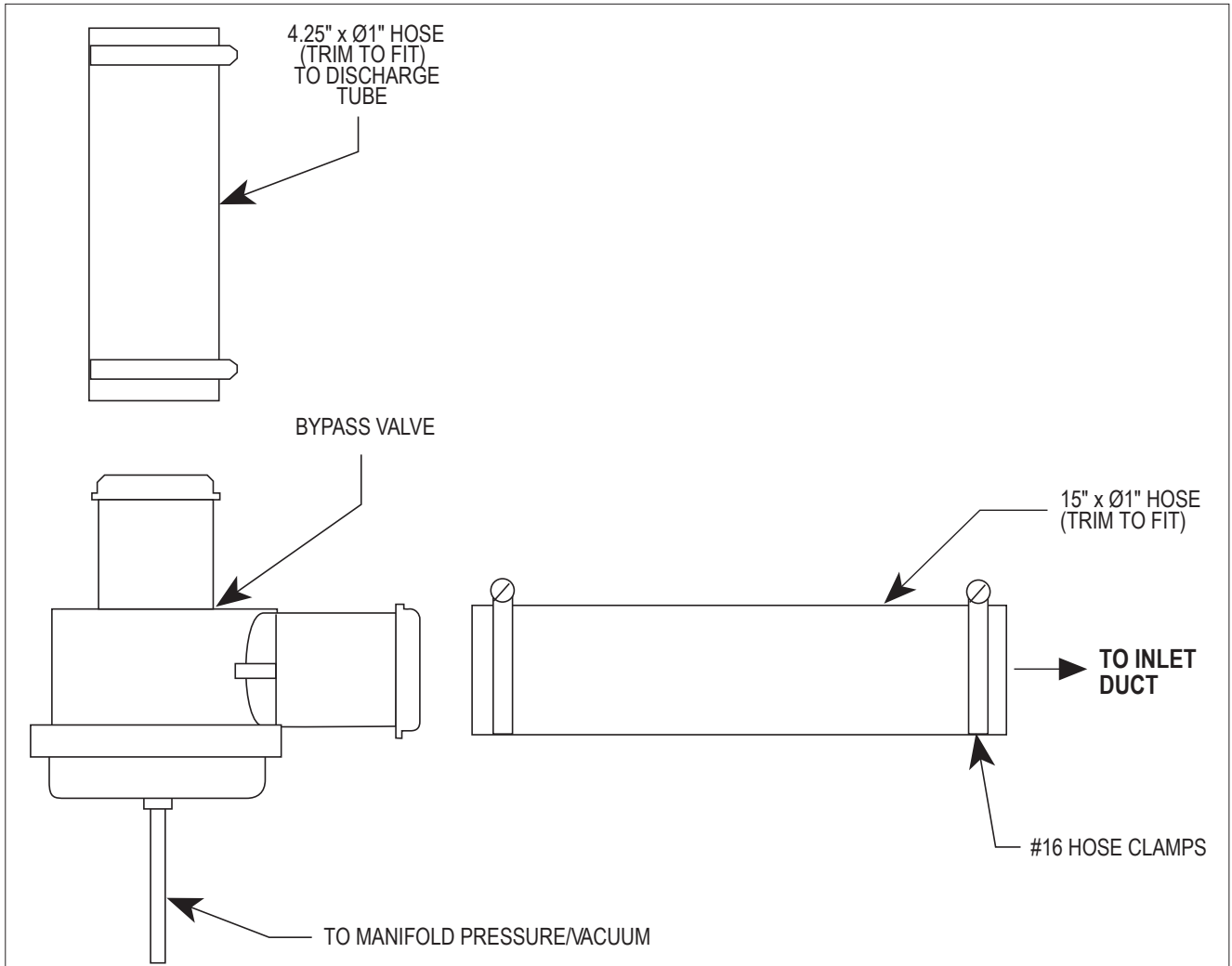


Fig. 9-b

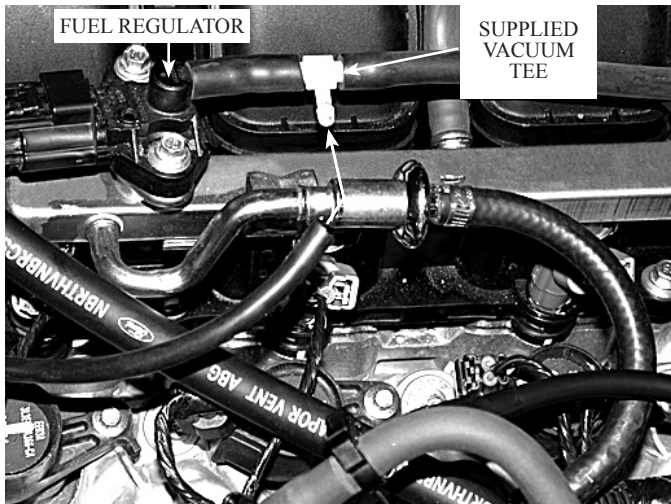


Fig. 9-c

Section 10

COOLANT RESERVOIR RE-INSTALLATION (NON-COOLED KITS ONLY)

10. COOLANT RESERVOIR RE-INSTALLATION *(Non-cooled Kits Only)*

- A. Reinstall the factory passenger's side upper radiator hose removed in a previous step.
- B. Reinstall the factory coolant reservoir using factory hardware to secure.
- C. Reattach the large hose at the bottom of the reservoir to the thermostat housing using the factory hose clamp.
- D. Reconnect the small overflow hose at the top using the factory clamps.
- E. Check all cooling system hose connections to make sure they are secured with the appropriate hose clamps.
- F. Refill the cooling system using the previously drained coolant.
- F. Once the cooling system is filled and all trapped air expelled, install the 1/8"NPT plug provided in the previously installed cross-over tube. Thread sealant should be used.

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Section 11

CRANK CASE BREATHER AND PCV INSTALLATION

11. CRANK CASE BREATHER AND PCV INSTALLATION

- A. Locate the pre-assembled PVC/MAF assembly 4FU139-096.
- B. Locate the factory 5/8" x 90° hose end connector and the factory straight hose connection removed in a previous step. Connect the hose closest to the PCV valve to the 90° fitting as shown in picture using stepless clamps provided. Connect the straight connector to the remaining hose using the stepless clamps provided.
- C. Install the hose assembly between the driver's side valve cover and the intake manifold. Secure hose connections as necessary using the supplied hose clamps. (See *Figs. 11-a, 11-b* for assistance.)
- D. Locate the factory 3/8" x 90° fitting removed from the passenger's side valve cover in a previous step.
- E. Connect the remainder of the supplied 3/8" ID hose to the 90° fitting and connect to the passenger's side valve cover using the stepless clamps provided. (See *Fig. 11-c*.)
- F. Route the open end of the 3/8" hose behind the alternator and across to where the air inlet duct will be located.

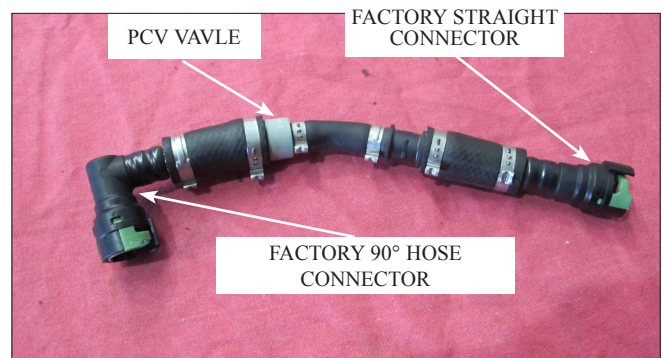


Fig. 11-a

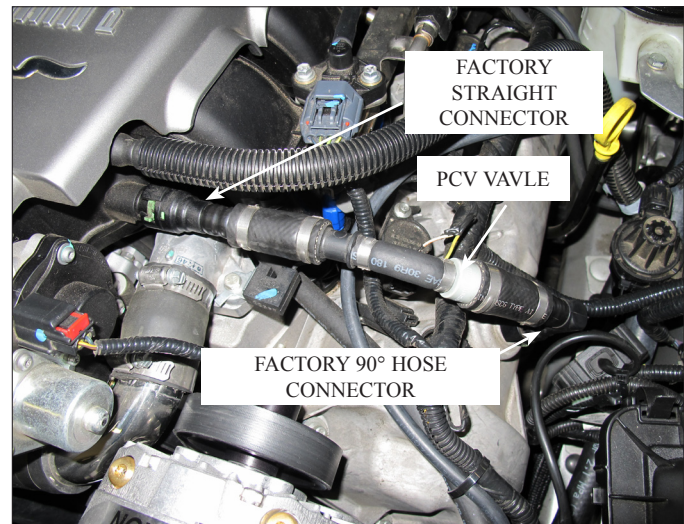


Fig. 11-b

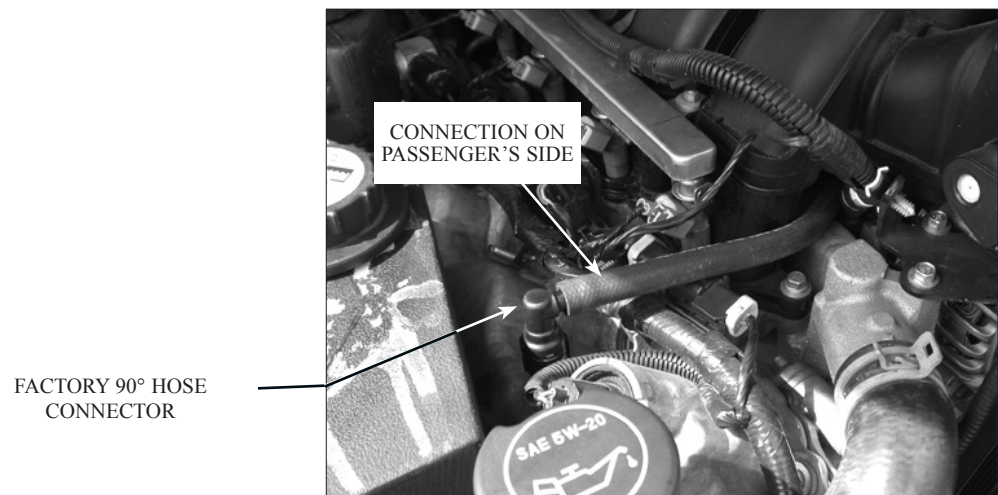


Fig. 11-c

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Section 12

AIR INLET ASSEMBLY

12. AIR INLET ASSEMBLY

- A. Locate assembly 4FU112-010.
- B. Remove two of the 3/8-16 x 1" bolts securing the supercharger in place. Install the air inlet support bracket and secure with the 3/8" bolts removed from the supercharger mounting plate. (See Fig. 12-a.)

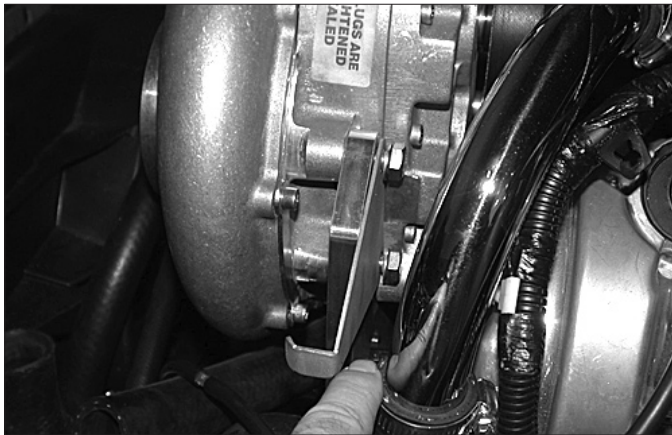


Fig. 12-a

- C. Install the 3/4"NPT x 1" 90° Plastic fitting to the air inlet duct. (See Fig. 12-b.)

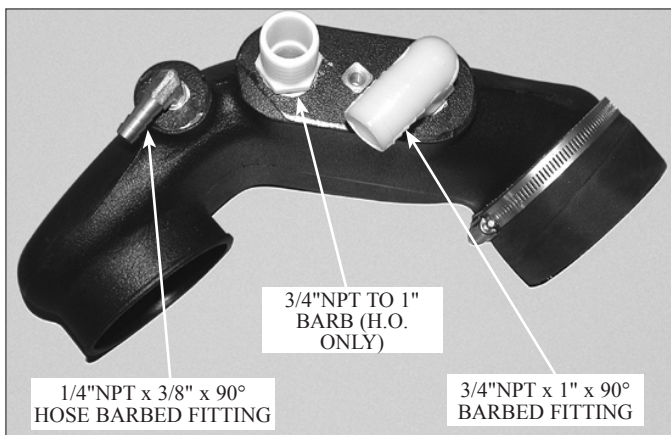


Fig. 12-b

- D. Install the 1/4"NPT x 3/8" hose barb fitting in the location noted. (See Fig. 12-b.)



Fig. 12-c

- E. Attach the 4.0 x 3.5 reducer sleeve (H.O. kits, 4.0" x 2.0" long sleeve) to the inlet duct. Secure the sleeves with the clamps provided. (See Fig. 12-c.)
- H.O. Kits only** (Non-cooled - skip to Step 12-i.)
- F. Using a 7/8" hole saw, drill the secondary bypass provision. Be careful not to damage the plastic threads.
- G. Apply a small amount of pipe sealant to the supplied 3/4"NPT to 1" straight barb fitting. Install the fitting in the previously drilled hole. (See Fig. 12-b.)
- H. Attach the open end of the previously installed 1" x 90° hose to the 1" straight barb fitting and secure with a #16 hose clamp provided.

12. AIR INLET ASSEMBLY, cont'd

- I. Attach the 1" bypass outlet hose to the 90° plastic fitting and secure the hose with a #16 hose clamp.
- J. Attach the 3/8" hose previously connected to the passenger's side valve cover, to the 1/4"NPT x 3/8" hose x 90° fitting installed in a previous step.

*** NOTE ***

Trim hoses for best fit.

- K. Install the duct to the inlet of the supercharger and secure in place with the clamps provided.
- L. Locate and install a 4.0" x 2.0" long sleeve to the inlet of duct 4FU012-010 and 2 # 64 clamps. (See Fig. 12-e.)

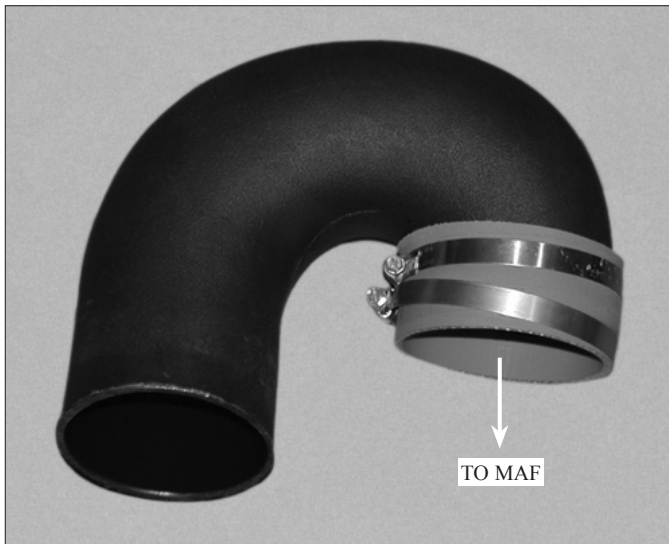


Fig. 12-e

- M. Remove the Factory MAF sensor element from the top portion of the air filter housing.
- N. Install the element reusing the factory hardware to the supplied MAF tube that is provided. (See Figs. 12-f, 12-g.)

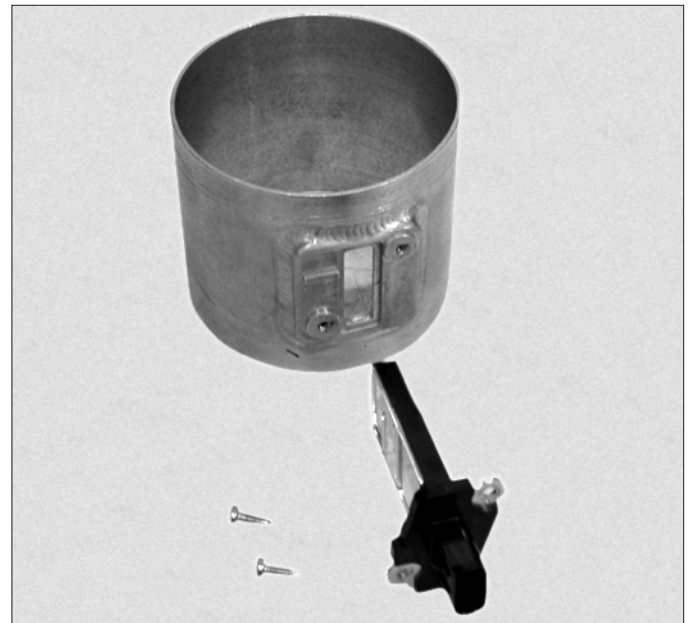


Fig. 12-f

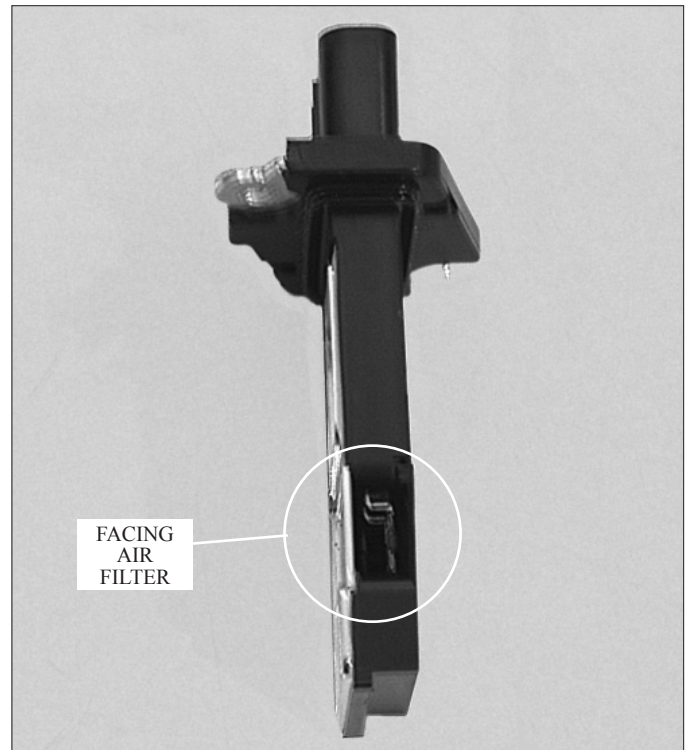


Fig. 12-g

12. AIR INLET ASSEMBLY, cont'd

***** NOTE *****

Install the MAF sensor element so the inlet of the sensor faces the air filter. (See Fig. 10-h.)

- L. Install the MAF sensor and air filter to the 180° duct. (See Fig. 12-h.)



Fig. 12-h

- M. Bend the factory hood cable bracket up 90° away from the air filter. (see fig 12-i)

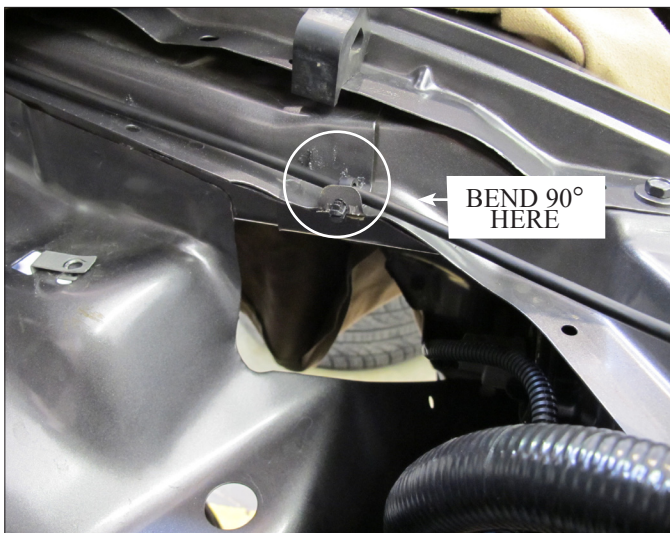


Fig. 12-i

- N. Install the 180° duct and the MAF sensor with filter to the inlet duct leading to the Supercharger. (See Fig. 12-j.) Clock the MAF exactly as shown in the Figure. MAF, keeping the wires away from hot or moving parts.

- O. Secure the rear clamp at the inlet duct union to the previously installed support bracket. (See Fig. 12-j.)

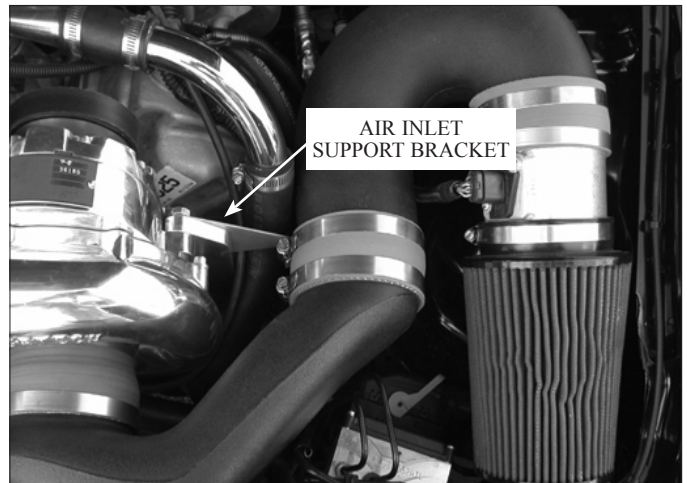


Fig. 12-j

- P. MAF (Mass Air Meter) Harness Extension (Non-cooled kits only):

1. Locate the supplied wire and butt connectors in assembly 4FU139-096.

***** NOTE *****

It is strongly recommended that the wires be soldered. Temporary solderless connectors have been provided in case you are unable to solder.

2. Remove the split loom from the factory wires on the MAF (Mass Air Meter) sensor.
3. Cut the wires to the connector approximately 2" from the plug.
4. Using the supplied connectors and wire extend the connector to the MAF.
5. Install the supplied 3/8" split loom to the extended sensor plug. Secure the split loom with wire-ties or tape.
6. Route the lengthened wires and connector to the MAF, keeping the wires away from hot or moving parts.

12. AIR INLET ASSEMBLY, *cont'd*

- Q. MAF Interface Adapter (MAFia) Installation
(*H.O. kits only*)
1. Locate the MAFia box.
 2. Plug the MAFia between the factory MAF connector and the MAF sensor.
 3. Remove the small red cover in the middle of the supplied MAFia box.
 4. Verify that the MAFia box is set on number "2".
 5. If you find that the MAFia box is not set, use the tool that is provided with the MAFia box and set to number "2".
 6. Replace the cover and secure the MAFia box away from hot or moving parts with nylon ties.
 7. An ideal location for mounting the MAFia box is on the shock tower secured with wire ties or double sided tape.

***** NOTE *****

It is critical that the MAFia box be set on number "2", The calibration that is provided with this kit has been created to work at this setting. Any change to the MAFia box by setting it to a higher or lower number could cause damage to the engine.

Section 13

FUEL PUMP UPGRADE

13. FUEL PUMP UPGRADE

***** NOTE *****

This section is best performed with the fuel level BELOW half a tank.

- A. Remove the rear seat by depressing the two release buttons at the front edge of the seat. (See Fig. 13-a.)

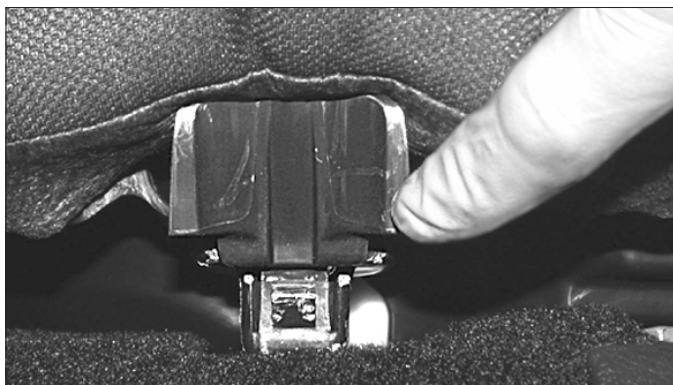


Fig. 13-a

- B. Remove the round plastic inspection cover on the driver's side. (See Fig. 13-b.)

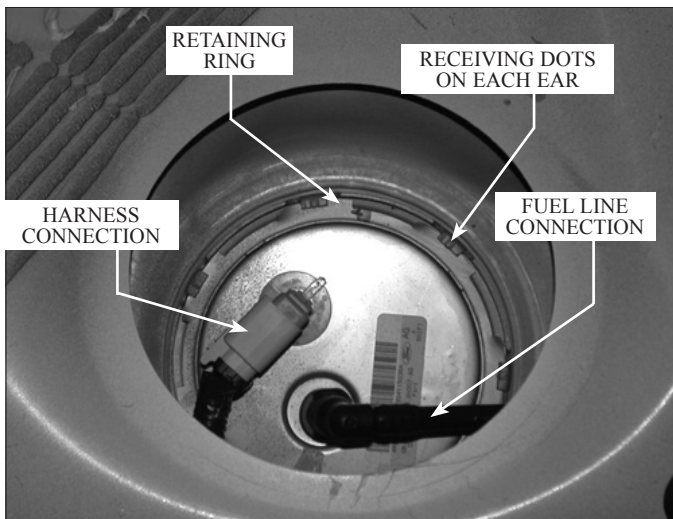


Fig. 13-b

- C. Unplug the sending unit harness and disconnect the fuel line connection.
- D. Using a small screwdriver or chisel and hammer, tap the retaining ring in a counter clockwise direction. Remove the retaining ring and set aside. (See Fig. 13-b.)

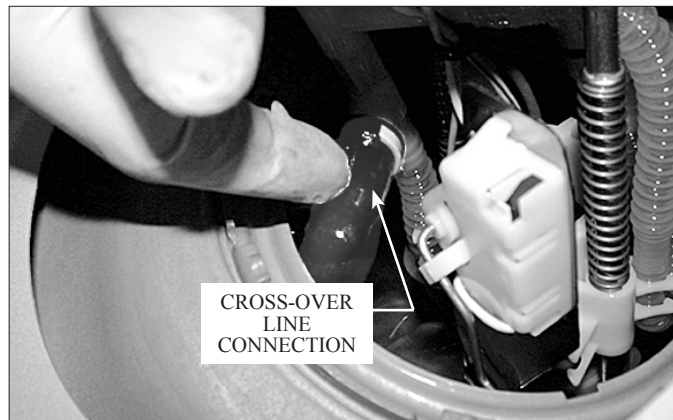


Fig. 13-c

- E. Slowly pull the fuel pump assembly up. Locate the cross-over fuel line connection on the fuel pump assembly and disconnect. (See Fig. 13-c.)
- F. Remove the pump assembly from the tank being careful not to damage or lose the rubber O-ring.
- G. Carefully cut the step-less clamps securing the short corrugated fuel line between the fuel pump outlet and distribution rail. Remove the fuel line and discard. (See Fig. 13-d.)

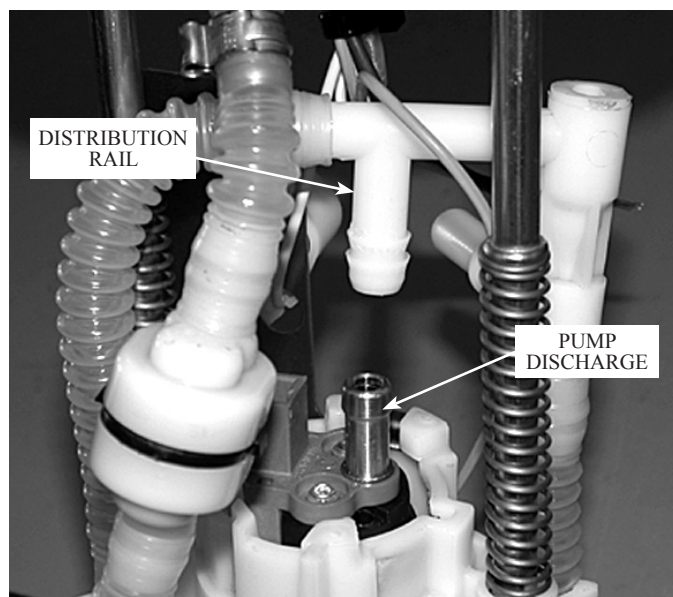


Fig. 13-d

13. FUEL PUMP UPGRADE, cont'd

- H. Using the supplied 17.0 stepless clamps and 2.75" length of Ø3/8" rubber hose, connect supplied "Y" fitting to the distribution rail. (See Fig. 13-e.)

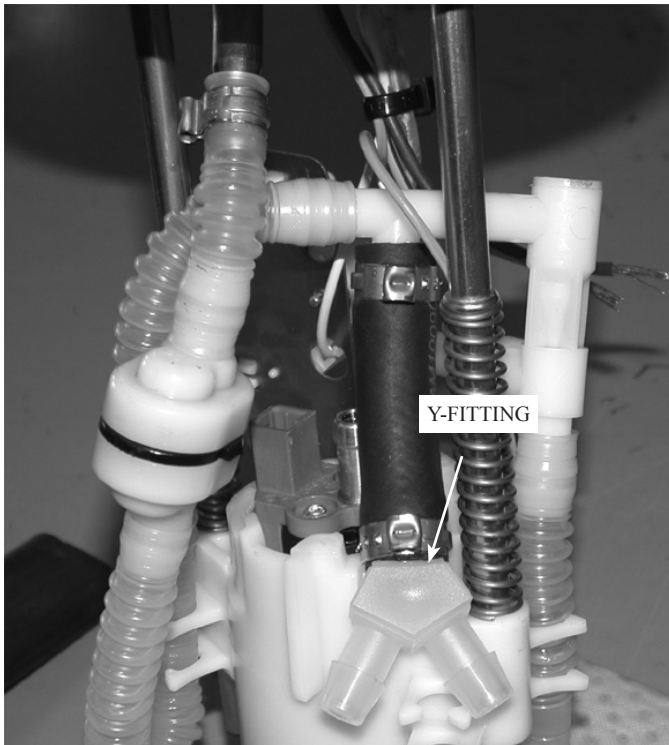


Fig. 13-e

- I. Locate the supplied fuel pump and pump inlet screen. Attach the pump inlet screen to the pump and orient exactly as shown. (See Fig. 13-f.)
- J. Secure the supplied fuel pump to the side of the factory pump assembly using the #44 hose clamp supplied. Verify that the hose clamp is routed inside of the metal posts so that they can be pushed down without restriction. (See Fig. 13-f.)

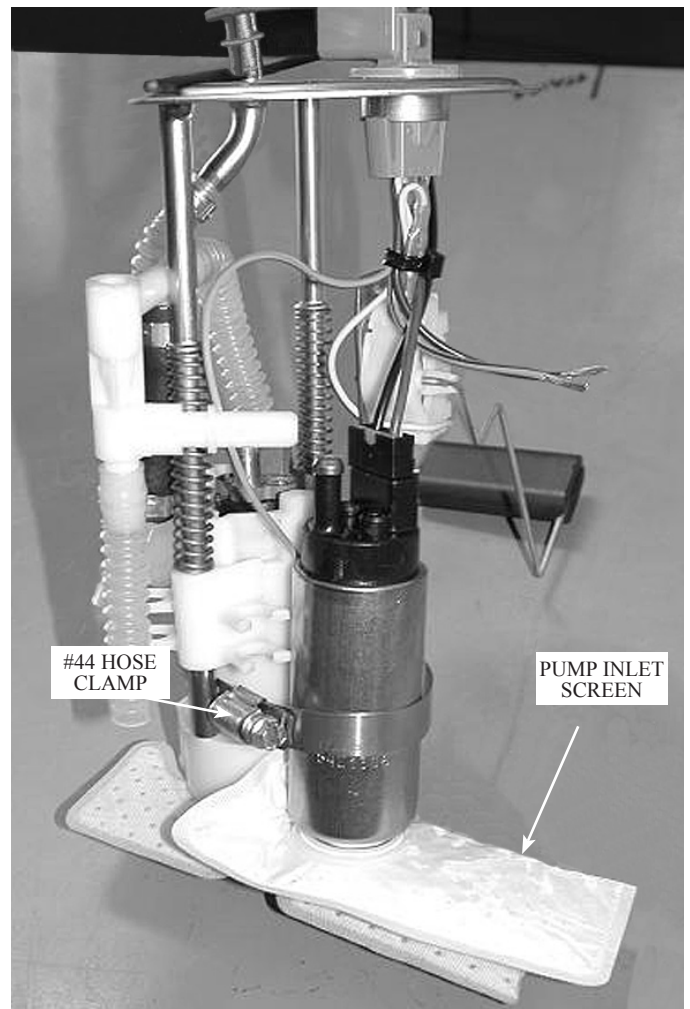


Fig. 13-f

- K. Slide the two supplied .75" long teflon sleeves over the discharge of each fuel pump. (See Fig. 13-g.)

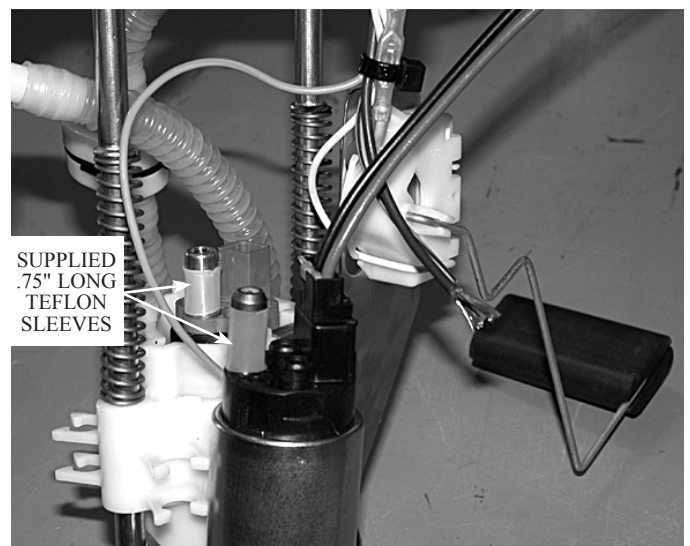


Fig. 13-g

13. FUEL PUMP UPGRADE, cont'd

- L. Slide the supplied 11.3 stepless clamps onto the two open legs of the Y-fitting. Connect the discharge of both pumps to the previously installed "Y" fitting using the two supplied Ø3/8" corrugated teflon hoses. Secure the remaining hose ends using the supplied 11.3 stepless clamps. (See Fig. 13-h.)

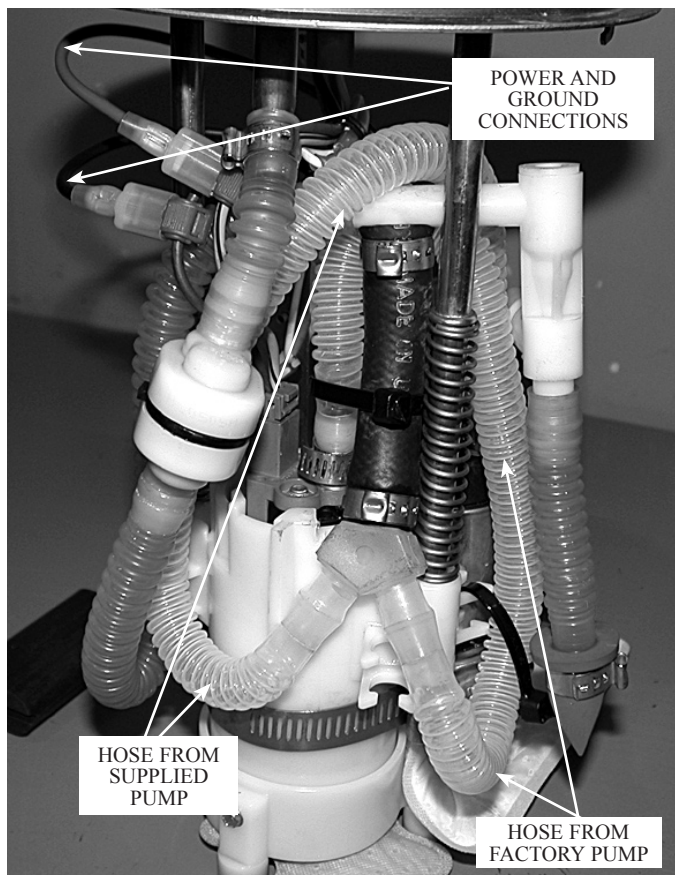


Fig. 13-h

- M. Secure all hoses to the fuel pump assembly using the supplied ties. Make sure the lid is able to spring up and down without restriction and that the hoses do not kink. (See Fig. 13-h.)
- N. Use the supplied T-splice and slide connectors to connect the black and red wires from the supplied pump to the corresponding power and ground on the factory pump. (See Fig. 13-h.)

- O. Reinstall the fuel pump assembly into the fuel tank in the reverse order of removal. Ensure that the fuel hoses do not rub on the sharp edges of the fuel tank. Take care not to damage the assembly. **INSTALLATION WILL BE TIGHT.** Connect all fuel and electrical connections. Verify that the fuel gauge float is able to move freely. Make sure the O-ring seal is in place and not damaged. There is an alignment arrow on the pump assembly top that will need to be aligned with the dot on the fuel tank. (See Fig. 13-b.)

*** NOTE ***

Retaining ring indents must engage their receivers for proper seal. (See Fig. 13-b.)

- P. Locate the power distribution box located in the engine compartment on the passenger's side. Verify the #41 (2005-2009 Models) #13 (2010 Model) fuse is fuel pump. Replace the factory 15AMP fuse with the supplied 20AMP fuse. See Fig 13-i

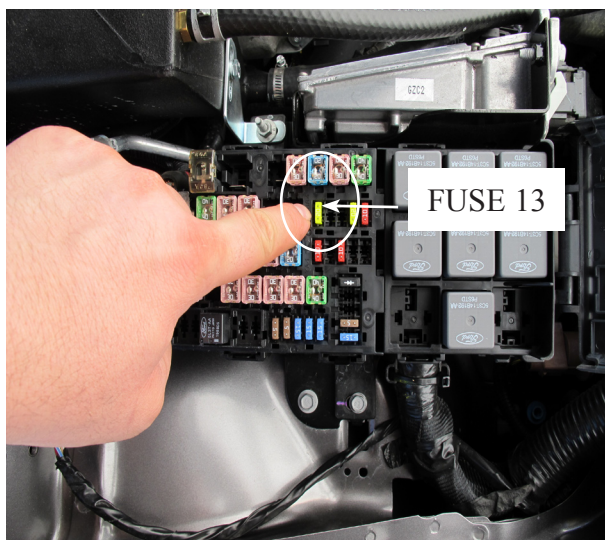


Fig. 13-i

- Q. Cycle the ignition key and check for any fuel leaks, verify proper fuel gauge operation.
- R. Reinstall the plastic inspection cover and rear seat.

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Section 14

REFLASH COMPUTER

14. REFLASH COMPUTER

IMPORTANT! To ensure trouble-free programming of your vehicle's computer:

- Make sure the vehicle's battery is sufficiently charged.
- Turn off all accessories and close doors to prevent unnecessary drain on the battery.
- Do not attempt to program your vehicle while a battery charger is connected.
- Improper battery voltage will result in failure of the programming process.
- Do not disconnect the cable or turn off the ignition during programming.

- A. Reconnect the battery.
- B. Locate the vehicles OBD2 connector located in the lower left hand corner of the dash on the drivers side of the vehicle. (See Fig 14-a.)

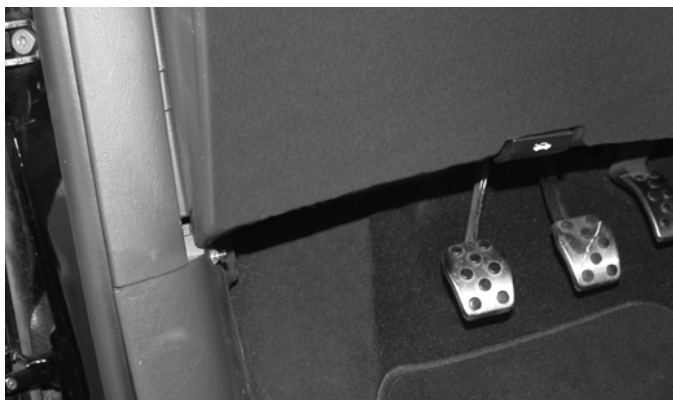


Fig. 14-a

- C. Attach the OBD2 connector from the Flash tool that is provided in the kit to the vehicle's OBD2 port. (See Fig 14-b.) Make sure this connector is seated all the way in the vehicles OBD2 port. You do not want this connector coming out during programming or damage may occur to the vehicle's ECM.



- D. The Reflash tool should power up and display three parameters.
1. Performance Tune
 2. Diagnostics
 3. Options
- E. Select "Performance Tune" and press the enter button in the middle of the arrow keys. (See Fig 14-c.)

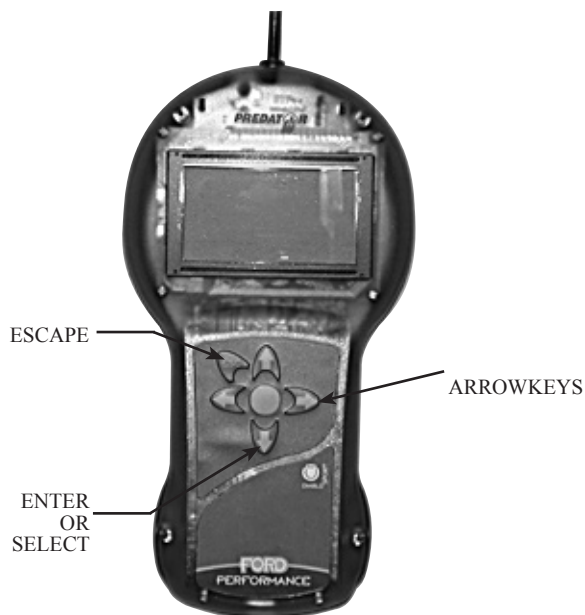


Fig. 14-c

- F. Read the disclaimer entirely, then select agree and press enter.
- G. At this point please read the screen displayed on the reflash tool. If you have any questions, either refer to the manual that is provided with the reflash tool or contact our service department for further assistance.

14. REFLASH COMPUTER, cont'd

- H. Turn the ignition on (*do not start the vehicle*). Set the parking brake and press the ENTER button to continue.
- I. SELECT TUNE will be displayed at the top of the screen. Use the arrow keys to select the appropriate tune for your vehicle and press the ENTER button. You will have a choice of four to choose from:
 - 1. STD OUTPUT (non charge-cooled)
 - 2. Charge-cooled, air/water - (*this option is NOT used in this application.*)
 - 3. Charge-cooled, air/air
 - 4. Original Backup
- J. Continue to follow the screen and when finished unplug the reflash tool from the vehicle's OBD2 port.

*****NOTE*****

Do not disturb the cable, or turn the ignition off during this time. If the programming is disrupted, the computer will not start or run your vehicle!

Section 15

FINAL CHECK

15. FINAL CHECK

***** NOTE *****

Do not attempt to operate the vehicle until all components are installed and all operations are completed including the final check.

- A. If your vehicle has gone over 15,000 miles since its last spark plug change, you will need to change the spark plugs now before test driving the vehicle.
- B. Check all fittings, nuts, bolts and clamps for tightness. Pay particular attention to oil and fuel lines around moving parts, sharp edges and exhaust system parts. Make sure all wires and lines are properly secured with clamps or tie-wraps.
- C. Check all fluid levels, making sure that your tank(s) is/are filled with 91 octane or higher fuel before commencing test drive.
- D. Start engine and allow to idle a few minutes, then shut off.
- E. Recheck to be sure that no hoses, wires, etc. are near exhaust headers or moving parts and for signs of any fluid leakage.
(NOVI SL equipped applications: secure the remote drain hose away from the belt and hoses using tie-wraps.)
- F. **PLEASE TAKE SPECIAL NOTE:** Operating the vehicle without ALL the subassemblies completely and properly installed may cause **FAILURE OF MAJOR COMPONENTS.**
- G. Test drive the vehicle.
- H. Always listen carefully for engine detonation. Discontinue heavy throttle usage if detonation is heard.
- I. Read the **STREET SUPERCHARGER SYSTEM OWNER'S MANUAL AND RETURN THE WARRANTY REGISTRATION FORM** within thirty (30) days of purchasing your supercharger system to qualify.

FOR INTERNALLY LUBRICATED NOVI SL UNITS ONLY

This supercharger has been factory pre-filled with special Paxton synthetic lubricant. Oil does not need to be added to a brand new unit; however, a fluid level check should be performed.

Prior to operating the supercharger on the vehicle and after installation onto the vehicle:

Remove the factory installed flat-head brass shipping plug (not the dipstick) from the top of the supercharger case. Replace the sealed shipping plug with the supplied "vented" plug. Do not operate the supercharger without it. Check the supercharger fluid level.

Fluid level checking procedure:

1. Ensure that the .06" copper sealing washer is located on the dipstick base.
2. Thread the clean dipstick into the unit until it seats.
3. Once the dipstick has seated, remove the dipstick from the unit. Fluid should register in the crosshatched area on the dipstick
4. **DO NOT OVERFILL!!!** Drain excess fluid from the unit if it is above the maximum level on the dipstick.

Check the fluid level using the dipstick at least every 2,500 miles.

Initial supercharger fluid change must be performed at 2,500 miles. The supercharger fluid must be changed at least every 7,500 miles.

Drain the fluid, re-fill the unit with 4oz of Paxton SL lubricating fluid and then confirm proper oil level using the dipstick. **DO NOT OVERFILL!!!**

***** NOTE *****

Use of any fluid other than the special Paxton supplied lubricating fluid will void the warranty and may cause component failure.



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

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