



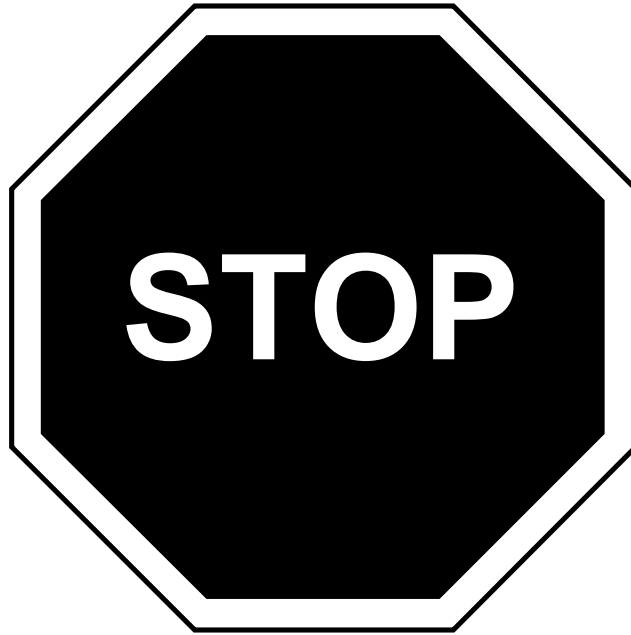
## **SALEEN SUPERCHARGER KIT INSTALLATION**



### **INSTALLATION MANUAL: 2005-2009 MUSTANG SUPER SHAKER UPGRADE KIT GT 435 & 475**

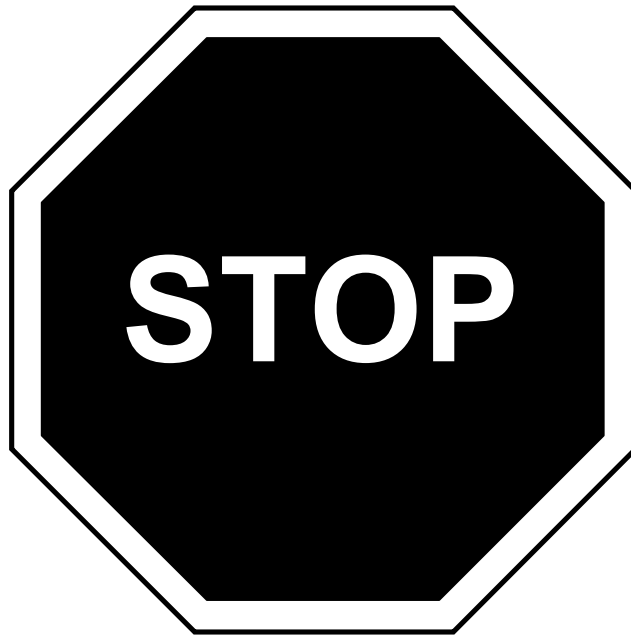
**P/N: 10-8002-C19177**

Saleen Performance, Inc.  
800-888-8945  
[www.saleen.com](http://www.saleen.com)

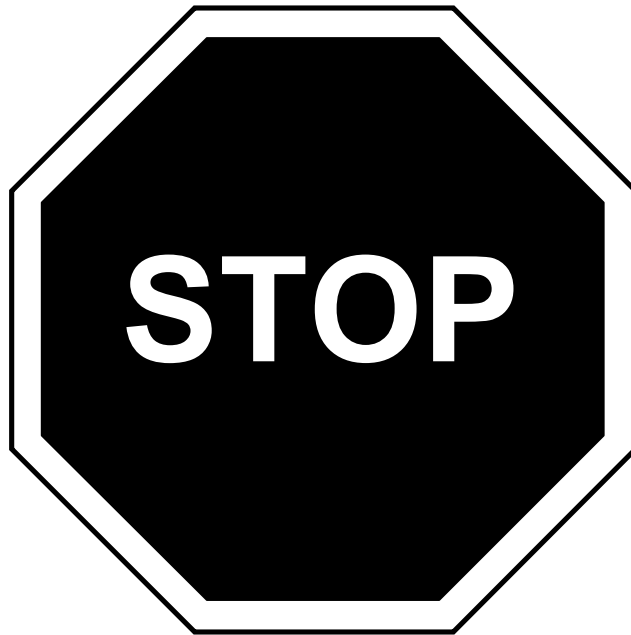


**IF YOU ARE NOT EXPERIENCED IN THE AREA OF AUTOMOTIVE MECHANICS, WE STRONGLY URGE THAT YOU REFER THIS INSTALLATION TO A CERTIFIED INSTALLER OR TECHNICIAN.**

**ENSURE THE VEHICLE PARKING BRAKE IS ON AND THE TRANSMISSION IS IN PARK OR IN GEAR WHEN WORKING ON IT.**



**DO NOT INSTALL ANY AFTERMARKET CHIPS OR PROGRAMMERS, OR HAVE YOUR PCM REPROGRAMMED ANYWHERE BUT AT SALEEN FOR THIS SUPERCHARGER KIT. THE 2005 to 2009 MUSTANG USES AN ELECTRONIC THROTTLE CONTROL (ETC), WHICH IS CONTROLLED BY THE POWERTRAIN CONTROL MODULE (PCM) AND THE CALIBRATION INSIDE. AFTERMARKET CHIPS DO NOT PROPERLY RECALIBRATE THE ENGINE MANAGEMENT SYSTEM; THIS CREATES A DANGEROUS SITUATION THAT COULD RESULT IN A STUCK THROTTLE AND CAN LEAD TO INJURY OR DEATH. SALEEN FULLY REPROGRAMS THE PCM TO FORD STANDARDS, AND ENSURES THAT ALL ENGINE SAFETY CONTROLS ARE FULLY FUNCTIONAL.**



**THE SALEEN SERIES VI SUPERCHARGER AND ACCOMPANYING PROGRAMMING ARE DESIGNED AROUND THE USE OF 91 OCTANE FUEL OR HIGHER ONLY. BEFORE YOU RUN YOUR MUSTANG WITH THE SERIES VI KIT INSTALLED EVEN ONCE, YOU MUST EITHER DRAIN THE FUEL TANK COMPLETELY AND FILL IT UP WITH 91 OCTANE, OR BEGIN USING 91 OCTANE IN YOUR MUSTANG TWO COMPLETE FILLUPS BEFORE INSTALLATION.**



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## Pre-Installation Precautions:

To help ensure the proper operation of your vehicle, follow the guidelines below:



**IF YOU ARE NOT EXPERIENCED** in the area of automotive mechanics, we strongly urge that you refer this installation to a certified installer or technician.

**PAY ATTENTION TO VEHICLE TYPE NOTATION** because there are installation steps in this manual that differ based on whether your vehicle is a Saleen S-Series product, Saleen H-Series product, or a factory Mustang GT\*. Installation procedures also vary depending on the model year. There will be clear markings at the lower RH corner of the page (**A - D designations**). Taking the time to read these instructions along with following the notes will ensure a smooth, easy, and successful installation\*\*.

\*This instruction manual consists of the three most likely vehicle types for this kit (Saleen S-Line, Saleen H-Line, & Factory Stock Mustang). Saleen cannot anticipate what modifications may be done to every vehicle, so there may be an installation conflict with some aftermarket equipment.

\*\*This manual was created during the production process, using the Saleen S281SC as an example. Any form of aftermarket body kits may require different or additional steps when removing body components (such as the front fascia or hood) may be different than the instructions listed in this manual. If the vehicle does contain other aftermarket body components, contact that aftermarket supplier for disassembly and assembly instructions.

## Safety Precautions:

To help guarantee your safety, please follow the guidelines listed below:



**NO SMOKING, FLAMES, OR SPARKS** around the battery or fuel system. Batteries can give off fumes that are flammable and may ignite if there is any form of spark or open flame near it.



**WEAR THE APPROPRIATE SAFETY GEAR** such as safety glasses and gloves during the vehicle tear down and installation of new components. Always follow the safety instructions that come with the tools you are using.



**USE CAUTION AROUND VEHICLE** when working on it. Make sure the vehicle is turned **OFF**, is properly secured (in park or in gear with the parking brake on), and is sitting on a level surface.

If a hoist or floor jack is required, make sure the vehicle is in park or in gear and the parking brake on. If using a floor jack, make sure the vehicle is on a level surface, the rear tires are chocked, and the vehicle is being supported by jack stands. Follow ALL safety guidelines & operational instructions spelled out in the hoist or floor jack's owners manual. Failure to do so may result in serious injury.

Avoid wearing loose clothing or jewelry, as these items might get caught in moving parts resulting in injury. When instructed to operate your vehicle, make sure you do so in a well-ventilated area (to prevent carbon monoxide poisoning).

Be safe and use proper care and precautions. Saleen wants you to have a safe and rewarding experience.



**Super Shaker Supercharger Upgrade Kit**  
**Installation Guide for 2005 to 2009 Mustang GT With Saleen**  
**435 or 475 Supercharger Kit**

**WELCOME!**

Thank you for buying a Super Shaker Upgrade Kit for the 2005 to 2008 Mustang. We appreciate your business, and we hope you enjoy your product.

For your benefit, please read the following instructions completely and thoroughly before attempting to install a supercharger kit. Many questions we have received from customers about the installation of our products could have been easily solved by information listed in this installation guide. We want you to enjoy the product in its fully functional state, and reading this tutorial is a great first step to getting you on your way to a more unique and better performing Mustang.

**IMPORTANT!** IF YOU HAVE ANY AFTERMARKET PARTS ALREADY INSTALLED ON YOUR VEHICLE YOU **MUST** RETURN THE CAR TO STANDARD SALEEN SUPERCHARGED STATUS. THIS INCLUDES PULLEYS, CHIPS, PROGRAMMERS, ETC. THE CAR WILL NOT FUNCTION AND PARTS MAY NOT FIT PROPERLY IF OTHER AFTERMARKET PARTS ARE INSTALLED.

Also, we strongly urge that you have at least one person to help you install the supercharger assembly, as the unit is heavy. With enough help and at least one read through of this installation guide under your belt before you begin your installation, you should be well on your way to one hot car!

**IMPORTANT!** BE SURE THAT YOU FILL OUT THE PROCESSOR QUESTIONNAIRE AND RETURN IT TO SALEEN WITH YOUR PCM! WE **CANNOT** FLASH YOUR PCM WITHOUT THAT QUESTIONNAIRE!

Again, thank you for choosing Saleen!





**PARTS INCLUDED IN SERIES VI S/C 435HP SUPER SHAKER UPGRADE KIT**

<b>C</b>	<b>10-1607-A19145</b>	<b>435HP SC TO SUPER SHAKER, 05-09</b>	<b>1</b>	<b>EACH</b>
	<b>06-1607-B18855</b>	<b>435 to 485HP SUPER SHAKER INSTALL KIT</b>	<b>1</b>	<b>EACH</b>
	00-1701-C12076*	FUEL INJECTOR, 2005 S281 E	8	EACH
	06-1607-C18975	PULLEY, SUPERCHARGER, MUSTANG, 3.67"	1	EACH
	00-1601-C13394*	SPARK PLUG HT0	8	EACH
	06-1607-C09882	GASKET INLET TUBE 05 MUSTANG	1	EACH
	<b>06-1602-B18639</b>	<b>AIRBOX, SCOOP GROUP</b>	<b>1</b>	<b>EACH</b>
	06-1602-B19148	AIRBOX ASM, W STD BADGE	1	EACH
	10-1602-C18442	SHAKER CHARGER AIR FILTER	1	EACH
	06-1602-C18847	SHAKER PREFILTER	1	EACH
	10-1602-C18443	SHAKER CHARGER AIR BOX CLOSEOUT	1	EACH
	00-9001-C18649	CAPSCRW HEX FLNG M6x1.0mmx12mm	6	EACH
	06-1602-C18620	BRACKET - FRONT AIRBOX SHAKER	1	EACH
	06-1602-C18621	BRACKET - REAR AIRBOX SHAKER	1	EACH
	00-9004-C00296*	WASHER FLAT M6 ST	6	EACH
	00-9001-C18832	CAPSCRW HEX HD M6x1.0x65mm	2	EACH
	00-9010-C19183	HOSE, 5/16IN ID VACUUM	0.25	INCH
	00-9006-C19132	BALLSTUD, 6.4mm, M6x1.0x14mm	2	EACH
	00-9006-C18776*	BALLSTUD SOCKET	2	EACH
	06-1205-B19162	BULB SEAL ASM, SUPER SHAKER	1	EACH
	06-1106-B19111	SUPER SHAKER TRIM RING ASM, GT HOOD	1	EACH
	06-1106-C17869*	TRIM EDGE SEAL HOOD LINER H302 2008	76	INCH
	00-9010-C07181*	HOSE 3/8 RUBBER PCV/FUEL	32	INCH
	00-9005-C09464*	CLAMP 1/2-25/32inch 5/16 WIDTH	2	EACH
	00-9001-C13829*	MACHINE SCREW M4X0.7X6 ZN	2	EACH
	06-1602-C18638	COUPLER, AIRBOX TO THROTTLE BODY	1	EACH
	00-9005-C18644	HOSE CLAMP, 4IN TO 5IN SS	1	EACH
	00-9005-C18645	HOSE CLAMP, 3.56IN TO 4.5IN SS	1	EACH
	06-9101-C18826	BADGE, SHAKER AIRBOX	1	EACH
	00-9006-C18828	RIVET, 3/32x1/8-1/4IN ALUMINUM BLIND	1	EACH
	00-2003-C10068*	HOSE CLAMP MOLDED HOSES	2	EACH
	06-2003-C09861	MOLDED HOSE S/C INTERCOOLER TO	1	EACH
	00-3105-C19119	DRILL, 3/16 TO 1/2IN STEP	1	EACH
	10-3103-C18944	AFTERMARKET SHAKER HOOD LINER HOLE TEMPLATE	1	EACH
	<b>06-1602-B18818</b>	<b>SUPER SHAKER SCOOP ASM</b>	<b>1</b>	<b>EACH</b>
	<b>06-1701-B18813</b>	<b>SUPER SHAKER WIRING KIT</b>	<b>1</b>	<b>EACH</b>
	08-1704-B15501	HARNESS, S331 TMAP SENSOR EXTENSION	1	EACH
	00-1704-C09260*	18 GAUGE, SEAMLESS BUTT CONNECTOR, NON-INSULATED	2	EACH
	00-1703-C07082*	HEAT SHRINK, DUAL WALL 1/4" BLACK	5.0	INCH
	00-1704-C15307*	SLEEVEING, CONVOLUTED 1/4" BLACK	40	INCH
	<b>06-1602-B18814</b>	<b>SHAKER PCV HOSE KIT</b>	<b>1</b>	<b>EACH</b>
	00-9005-C09464*	CLAMP 1/2-25/32inch 5/16 WIDTH	4	EACH
	00-9005-C18838	COUPLER, 3/8 RUBBER FORMED 90	1	EACH
	00-9010-C07181*	HOSE 3/8 RUBBER PCV/FUEL	22	INCH
	00-9010-C19115	HOSE 19/32 RUBBER SAE30R7	16.8	INCH
	00-9005-C18837	COUPLER, 3/8 TO 3/8IN HOSE BARB	1	EACH



**PARTS INCLUDED IN SERIES VI S/C 435HP SUPER SHAKER UPGRADE KIT**

<b>06-1602-B18640</b>	<b>SNORKEL, LID GROUP</b>	<b>1</b>	<b>EACH</b>
06-1602-B18900	INLET SNORKEL, SHAKER ASM	1	EACH
00-9009-C18641*	O-RING, DASH 054, BUNA N	1	EACH
06-1602-B18901	LID, SUPERCHARGER MODULAR ASM	1	EACH
00-1607-C18833	STOP, 3/4IN BUNA-N RUBBER	1	EACH
00-9001-C18850	CAPSCRW SCKT HD M4x0.7x16mm	1	EACH
00-9001-C18849	CAPSCRW, FLT HD M6x1.0x16mm	1	EACH
06-1607-C18834	SPACER, INTERCOOLER RETAINING	1	EACH
00-1702-C14540*	TMAP SENSOR	1	EACH
00-9001-C15027*	CAPSCRW, HEX HEAD M5x0.8, 20mm	2	EACH
00-9001-C14366*	CAPSCRW HEX FLNG M8X1.25mm 16mm	7	EACH
00-9001-C18637	CAPSCRW HEX FLNG M8x1.25mmx45mm	3	EACH
00-9001-C10665*	CAPSCRW HEX FLNG M8x1.25x40mm	1	EACH
00-9001-C10063*	CAPSCRW HEX FLNG M8x1.25x60mm	2	EACH
00-9009-C18642	O-RING, DASH 247, BUNA N	1	EACH
00-2003-C10448*	PLUG SOCKET HEAX 3/8 NPT Ni PL	1	EACH
06-1607-C09882	GASKET INLET TUBE 05 MUSTANG	1	EACH
00-9304-C19185	VIBRA STOP HIGH TEMP, VIAL	1	EACH
10-8003-C12466	STICKER NEON ORANGE 3"x11.5" PCM BOX	1	EACH
10-8003-C12239	(BOX) PCM 2005 MUSTANG	1	EACH
10-8002-C19177	INSTALLATION MANUAL SUPER SHAKER UPGRADE	1	EACH



**PARTS INCLUDED IN SERIES VI S/C 475HP SUPER SHAKER UPGRADE KIT**

<b>D 10-1607-A19146</b>	<b>475HP SC TO SUPER SHAKER, 05-09</b>	<b>1</b>	<b>EACH</b>
<b>06-1602-B18639</b>	<b>AIRBOX, SCOOP GROUP</b>	<b>1</b>	<b>EACH</b>
06-1602-B19148	AIRBOX ASM, W STD BADGE	1	EACH
10-1602-C18442	SHAKER CHARGER AIR FILTER	1	EACH
06-1602-C18847	SHAKER PREFILTER	1	EACH
10-1602-C18443	SHAKER CHARGER AIR BOX CLOSEOUT	1	EACH
00-9001-C18649	CAPSCRW HEX FLNG M6x1.0mmx12mm	6	EACH
06-1602-C18620	BRACKET - FRONT AIRBOX SHAKER	1	EACH
06-1602-C18621	BRACKET - REAR AIRBOX SHAKER	1	EACH
00-9004-C00296*	WASHER FLAT M6 ST	6	EACH
00-9001-C18832	CAPSCRW HEX HD M6x1.0x65m m	2	EACH
00-9010-C19183	HOSE, 5/16IN ID VACUUM	0.25	INCH
00-9006-C19132	BALLSTUD, 6.4mm, M6x1.0x14mm	2	EACH
00-9006-C18776*	BALLSTUD SOCKET	2	EACH
06-1205-B19162	BULB SEAL ASM, SUPER SHAKER	1	EACH
06-1106-B19111	SUPER SHAKER TRIM RING ASM, GT HOOD	1	EACH
06-1106-C17869*	TRIM EDGE SEAL HOOD LINER H302 2008	76	INCH
00-9010-C07181*	HOSE 3/8 RUBBER PCV/FUEL	32	INCH
00-9005-C09464*	CLAMP 1/2-25/32inch 5/16 WIDTH	2	EACH
00-9001-C13829*	MACHINE SCREW M4X0.7X6 ZN	2	EACH
06-1602-C18638	COUPLER, AIRBOX TO THROTTLE BODY	1	EACH
00-9005-C18644	HOSE CLAMP, 4IN TO 5IN SS	1	EACH
00-9005-C18645	HOSE CLAMP, 3.56IN TO 4.5IN SS	1	EACH
06-9101-C18826	BADGE, SHAKER AIRBOX	1	EACH
00-9006-C18828	RIVET, 3/32x1/8- 1/4IN ALUMINUM BLIND	1	EACH
00-2003-C10068*	HOSE CLAMP MOLDED HOSES	2	EACH
06-2003-C09861	MOLDED HOSE S/C INTERCOOLER TO	1	EACH
00-3105-C19119	DRILL, 3/16 TO 1/2IN STEP	1	EACH
10-3103-C18944	AFTERMARKET SHAKER HOOD LINER HOLE TEMPLA	1	EACH
<b>06-1602-B18818</b>	<b>SUPER SHAKER SCOOP ASM</b>	<b>1</b>	<b>EACH</b>
<b>06-1701-B18813</b>	<b>SUPER SHAKER WIRING KIT</b>	<b>1</b>	<b>EACH</b>
08-1704-B15501	HARNESS, S331 TMAP SENSOR EXTENSION	1	EACH
00-1704-C09260*	18 GAUGE, SEAMLESS BUTT CONNECTOR, NON-INSUL	2	EACH
00-1703-C07082*	HEAT SHRINK, DUAL W ALL 1/4" BLACK	5.0	INCH
00-1704-C15307*	SLEEVEING, CONVOLUTED 1/4" BLACK	40	INCH
<b>06-1602-B18814</b>	<b>SHAKER PCV HOSE KIT</b>	<b>1</b>	<b>EACH</b>
00-9005-C09464*	CLAMP 1/2-25/32inch 5/16 WIDTH	4	EACH
00-9005-C18838	COUPLER, 3/8 RUBBER FORMED 90	1	EACH
00-9010-C07181*	HOSE 3/8 RUBBER PCV/FUEL	22	INCH
00-9010-C19115	HOSE 19/32 RUBBER SAE30R7	16.8	INCH
00-9005-C18837	COUPLER, 3/8 TO 3/8IN HOSE BARB	1	EACH
<b>06-1602-B18640</b>	<b>SNORKEL, LID GROUP</b>	<b>1</b>	<b>EACH</b>
06-1602-B18900	INLET SNORKEL, SHAKER ASM	1	EACH
00-9009-C18641*	O-RING, DASH 054, BUNA N	1	EACH
06-1602-B18901	LID, SUPERCHARGER MODULAR ASM	1	EACH
00-1607-C18833	STOP, 3/4IN BUNA-N RUBBER	1	EACH
00-9001-C18850	CAPSCRW SCKT HD M4x0.7x16m m	1	EACH
00-9001-C18849	CAPSCRW, FLT HD M6x1.0x16m m	1	EACH
06-1607-C18834	SPACER, INTERCOOLER RETAINING	1	EACH
00-1702-C14540*	TMAP SENSOR	1	EACH
00-9001-C15027*	CAPSCRW, HEX HEAD M5x0.8, 20m m	2	EACH
00-9001-C14366*	CAPSCRW HEX FLNG M8X1.25m m 16mm	7	EACH
00-9001-C18637	CAPSCRW HEX FLNG M8x1.25mmx45mm	3	EACH
00-9001-C10665*	CAPSCRW HEX FLNG M8x1.25x40mm	1	EACH
00-9001-C10063*	CAPSCRW HEX FLNG M8x1.25x60mm	2	EACH
00-9009-C18642	O-RING, DASH 247, BUNA N	1	EACH
00-2003-C10448*	PLUG SOCKET HEAX 3/8 NPT Ni PL	1	EACH
06-1607-C09882	GASKET INLET TUBE 05 MUSTANG	1	EACH
00-9304-C19185	VIBRA STOP HIGH TEMP, VIAL	1	EACH
06-1607-C18975	PULLEY, SUPERCHARGER, MUSTANG	1	EACH
10-8003-C12466	STICKER NEON ORANGE 3"x11.5" PCM BOX	1	EACH
10-8003-C12239	(BOX) PCM 2005 MUSTANG	1	EACH
10-8002-C19177	INSTALLATION MANUAL SUPER SHAKER UPGRADE	1	EACH




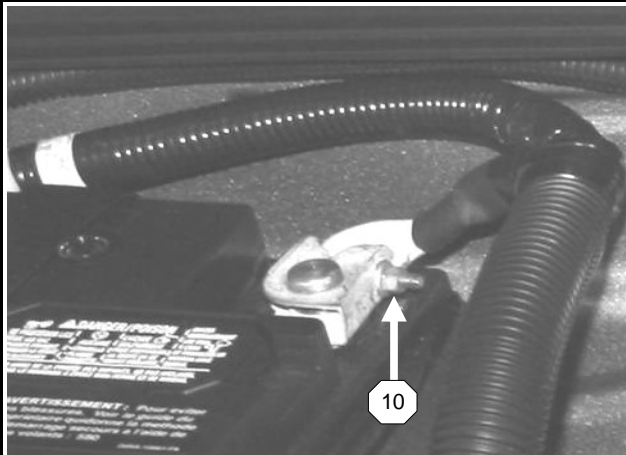




## TOOLS REQUIRED FOR KIT INSTALLATION:

5mm 1/4in or 3/8in Drive Allen Socket	13mm Boxend Wrench
5mm 6 Point 1/4in Drive Socket	19mm Boxend Wrench
8mm 1/4in Drive Deep Socket	21mm Boxend Wrench
10mm 1/4in Drive Shallow Socket	3/16in Allen Key
10mm 1/4in Drive Deep Socket	5/16in Allen Key
10mm 1/4in Drive Shallow Swivel Socket	10mm Allen Key
12mm 1/4in Drive Shallow Swivel Socket	Razor Blade or Xacto Knife
13mm 1/4in Drive Shallow Swivel Socket	Utility Knife
1/4in Drive Ratchet	Drill Motor, 3/8in Chuck Min.
1/4in Drive 6in Extension	Tension Clamp Pliers (Advised)
1/4in Drive Torque Wrench	Channel Lock Pliers
12mm 3/8in Drive Shallow Socket	Pliers
13mm 3/8in Drive Shallow Socket	Fiber Stick
13mm 3/8in Drive Deep Socket	File
19mm 3/8in Drive Deep Socket	Heat Gun, Torch, or Lighter
9/16in 3/8in Drive Deep Socket	End Cutters (Wire Cutter)
3/8in Drive 6in Extension	Unsealed Wire Terminal Crimp
3/8in Drive Ratchet	Soldering Iron
3/8in Torque Wrench	Christmas Tree Puller
24mm 1/2in Drive Impact Socket Deep	Bench Vise - Advisable, but not Necessary
13/16in 1/2in Drive Deep Socket	Plastic Mallet
1/2in Drive Breaker Bar	Cutoff Wheel or Jig Saw (Cutoff Wheel Advised)
1/2in Drive Ratchet	Barrel Grinder with 60 Grit Barrels
10mm Boxend Wrench	Flat Blade Screwdrivers - Assorted Sizes
12mm Boxend Wrench	Philips Head Screwdrivers - Assorted Sizes
<b>18mm 1/2in Drive Deep Impact Socket (PJ)</b>	Pick or Very Small Flat Blade Screwdriver
<b>1/2in Drive Torque Wrench (PJ Kit)</b>	Coolant System Pressure Tool
<b>1/2in Drive Impact Gun (PJ Kit)</b>	Ford Fuel Line Disconnect Tool
<b>Crank Pulley Puller Kit (PJ Kit)</b>	

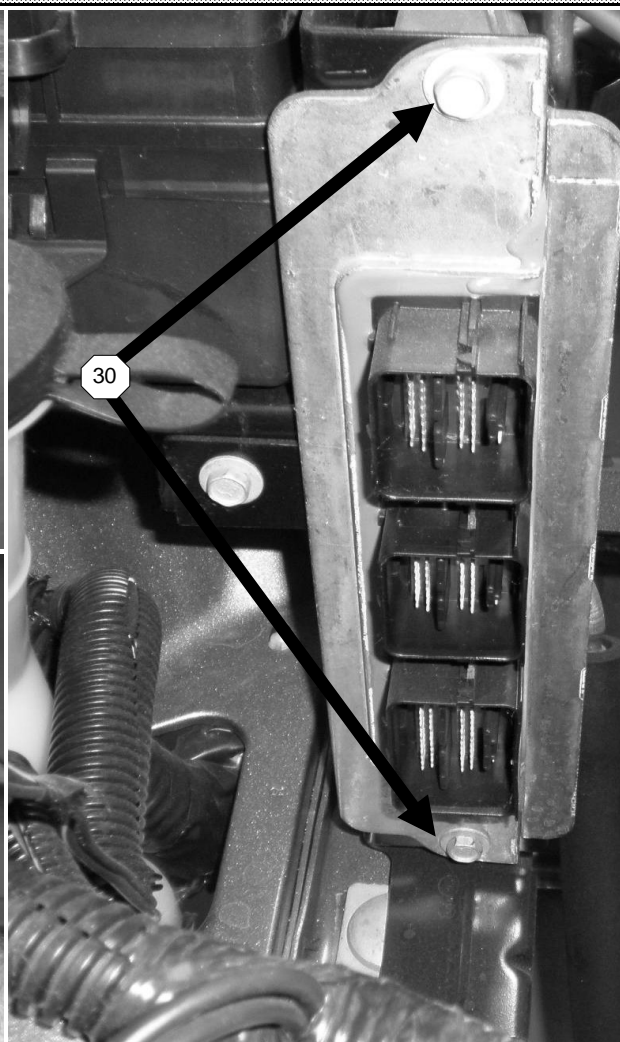
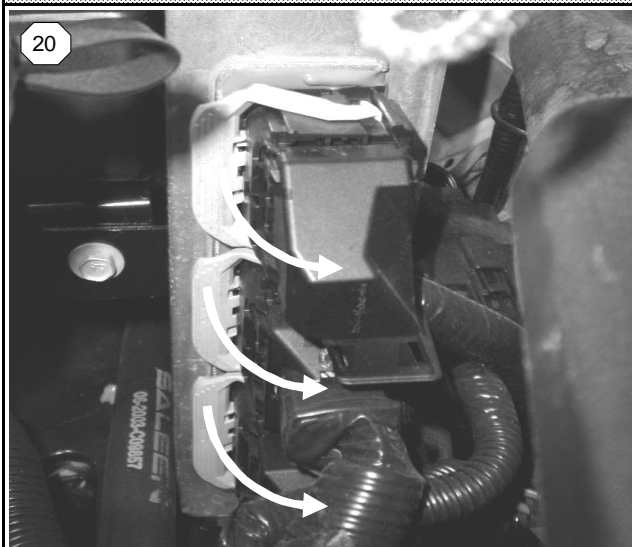
**NOTE:** If you do not have any of the tools listed above, you may be able to obtain them from your local tool lending service

## MATERIALS REQUIRED FOR KIT INSTALLATION:

Red Loctite #262	Silicone Grease (For Fuel Injector O-Rings)
Electrical Tape	3M Body Schutz
Pipe Thread Sealant (Liquid PTFE)	Automotive Adhesion Promoter For VHB Tape
Anti-Seize (For spark plugs)	Urethane Adhesive
Solder	Urethane Adhesive Primer
Alcohol Wipes	Automotive Painter's Masking Tape

	TORQUE	<div><div>?</div></div>	ITEM NUMBER	<div><div></div></div>	OPERATION																																								
					<div><div></div><div>NOTICE: No smoking, flames, or sparks around the battery. Batteries can give off fumes that are flammable and may ignite if there is any form of spark or open flame near it.</div></div> <div><div><div>10</div></div><div>Disconnect battery ground (negative) terminal from battery by loosening the clamp with an 8mm socket.</div></div>																																								
					<table><tr><th>ITEM</th><th>PART NUMBER</th><th>QTY.</th><th>DESCRIPTION</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>	ITEM	PART NUMBER	QTY.	DESCRIPTION																																				
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TORQUE		 SALEEN																																											
		PROCESS NAME	PAGE																																										
		DISCONNECT BATTERY	1																																										

TORQUE	ITEM NUMBER	OPERATION
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10	The PCM is located under the hood next to the fuse box and forward of the battery.
20	Pull back on the grey plastic locking tab for each electrical connector and disconnect the connectors from the PCM by carefully pulling on them.
30	With a 10mm socket, remove the 2 bolts holding the PCM to its mounting bracket.
40	Pull the PCM towards the front of the vehicle to remove.
50	Fill out the PCM questionnaire on the following page <b>COMPLETELY</b> , including the address to which you want the PCM returned to, and send it to the following address  <div> <div>Saleen, Attn: PCM Programming</div> <div>1225 East Maple Rd.</div> <div>Troy, MI 48083</div> </div> If you have any issues, please call 1.800.888.8945 ext 36241

ITEM	PART NUMBER	QTY.	DESCRIPTION
A	10-8003-C12466	1	Sticker Orange 3"x11.5" PCM Box
B	10-8003-C12239	1	(BOX) PCM Mustang

Notes:

TORQUE		SALEEN	
		PROCESS NAME	PAGE
		DISCONNECT PCM & REMOVE	
			2

TODAYS DATE:        /        /

# PROCESSOR QUESTIONNAIRE

## 2005 - 2009 MUSTANG

SHIP TO ADDRESS FOR PCM (PLEASE NO P.O. BOXES)

<b>CONTACT NAME:</b>					<b>DEALER NAME:</b>					
<b>SHIPPING ADDRESS:</b>					<b>PHONE NUMBER:</b>					
<b>CITY:</b>		<b>STATE:</b>		<b>ZIP:</b>		<b>EMAIL:</b>				
<b>CUSTOMERS NAME:</b>					<b>TECH SUPPORT</b> (IF ONE WAS GIVEN)					
<b>VIN:</b>					<b>SALEEN REPORT#:</b>					
<b>VEHICLE YEAR:</b>		<b>VEHICLE MODEL:</b>			<b>VEHICLE BUMPER#:</b>		<b>VEHICLE MILEAGE:</b>			
<b>TIRE MANUFACTURER:</b>					<b>REAR TIRE SIZE:</b>					
<b>TRANSMISSION&gt;</b>		<b>AUTO</b>		<b>MANUAL</b>		<b>5 SPEED</b>		<b>6 SPEED</b>		
<b>ENGINE SIZE:</b>					<b>REAR GEAR RATIO:</b> (please look at vehicle)					

SELECT THE SALEEN PERFORMANCE LEVEL THAT IS INSTALLED ON YOUR VEHICLE

<b>S281 3V</b>	<b>S281 SC</b> BLACK INJ. 435 HP	<b>S281 SC</b> BLUE INJ. 465 HP	<b>S281 SC</b> AMERICAN FLAG	<b>S281 SC</b> RED FLAG	<b>S281 SC</b> DAN GURNEY	<b>S281 SC</b> SLEEPER
<b>S281 EXTREME</b> 550 HP	<b>S281 EXTREME</b> 575 HP	<b>S281 EXTREME</b> 600 HP	<b>S302 3V</b> PARNELLI JONES	<b>S302 SC</b> EXTREME	<b>S302 SC</b> 25TH STERLING	
<b>H281 3V</b>	<b>H302 3V</b>	<b>H302 SC</b>	<b>SUPERCHARGE KIT 475 HP</b>	<b>OTHER NOT LISTED</b>		

SALEEN AIR INTAKE MODIFICATION INFORMATION

<b>SHAPE OF INTAKE TUBE AT AIRBOX:</b>	<b>ROUND</b>	<b>OVAL</b>
--	--------------	-------------

OTHER MODIFICATION / AFTERMARKET PARTS INSTALLED - NON SALEEN

e.g. HEADERS, INTAKES, AIR OR FUEL MANAGEMENT, EXHAUST, OTHER CAL. 'TUNERS'

<b>PLEASE LIST ALL ITEMS:</b>

REASON FOR PROGRAMMING --- DO NOT LEAVE BLANK



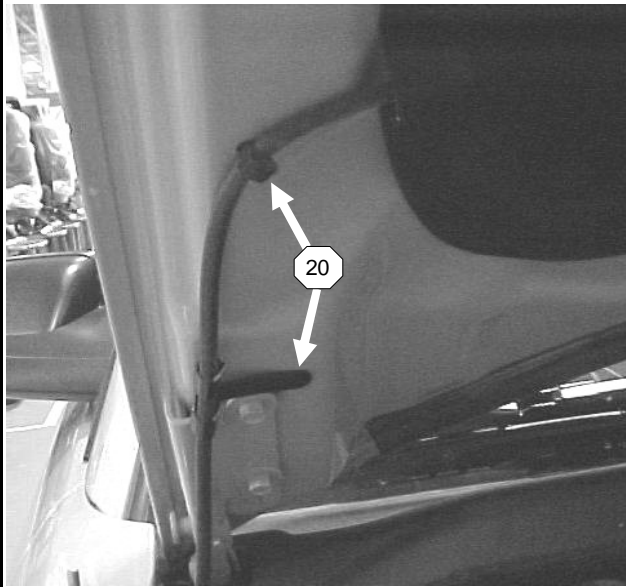
<b>PLEASE EXPLAIN:</b>

<b>SHIP PCM TO &gt;</b>	<b>SALEEN - PCM PROGRAMMING</b>	<b>SALEEN USE ONLY</b>	<b>SHIP (N) (G)</b>
<b>"SEND PCM"</b>	<b>1225 E. MAPLE RD</b>	<b>REC</b>	<b>SL (Y) (N) TAG</b>
<b>"OVERNIGHT"</b>	<b>TROY, MI 48083</b>	<b>SENT</b>	<b>OLD</b>
			<b>NEW</b>

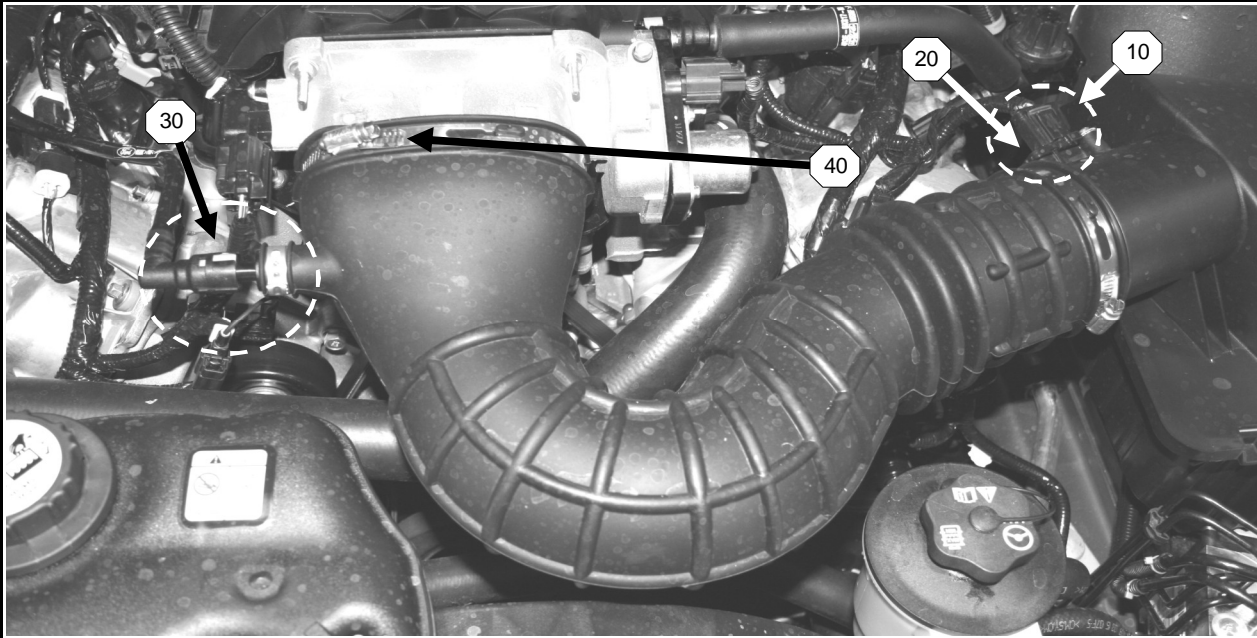
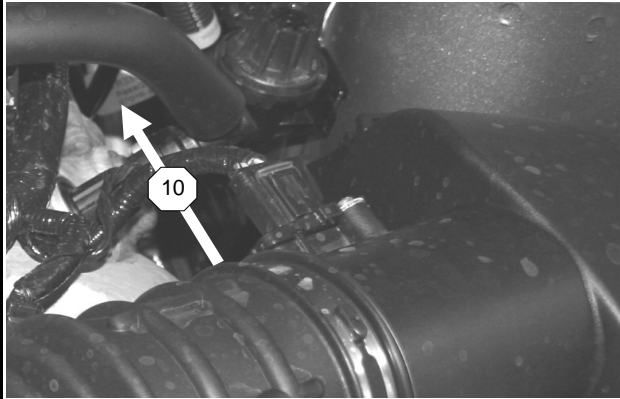
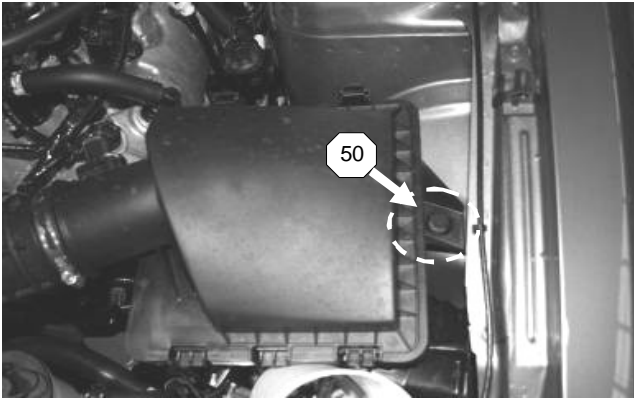

<b>CONTACT NUMBERS:</b>	<b>DIRECT: 1.800.888.8945 ext 36241</b>	<b>FAX: 1.248.743.6479</b>
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9/22/2008

**\*\* PLEASE INCLUDE THIS WITH THE PCM YOU ARE SHIPPING \*\***

TORQUE	ITEM NUMBER	OPERATION																																					
	10	10																																					
	20	20																																					
	30	30																																					
<p>10 Locate the windshield washer sprayer hose (located underneath the hood liner) and disconnect the line from the sprayers. There is a rubber T-fitting on the RH side (passenger) and an elbow on the LH side (driver). Then remove the sprayers.</p> <p>20 Remove the two clips holding the windshield washer sprayer line to the hood with a panel puller. The clips are located near the RH side (passenger) hood hinge. Once the sprayer line is fully disconnected from the hood, set the hose aside out of the way.</p> <p>30 While another person helps hold the hood, carefully remove the four 10mm bolts (2 per side) that attach the hood to the hinge. Once the hood is free of the hinges, carefully set the hood aside where it cannot get damaged.</p> <p><b>NOTICE:</b> The hood liner may need to be partially removed to reach the sprayer T-fittings. To remove the tree clips, use a panel puller.</p>																																							
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TORQUE		SALEEN																																					
		PROCESS NAME	PAGE																																				
		REMOVE HOOD	4																																				



TORQUE	ITEM NUMBER	OPERATION
		
10		Pull the red tab on the top of the MAF connector away from the air box lid to un-lock the connector. Depress the tab on the top of the connector, and disconnect.
20		Remove the MAF sensor from the airbox using a T15 torx bit. These screws will not be reused.
30		Disconnect the crankcase vent tube from the snorkel (just forward of the throttle body). Push on the green locking tab, and pull the vent tube away from the snorkel.
40		With a flat blade screwdriver, loosen the clamp that secures the air box snorkel to the throttle body.
50		Using a 10mm socket, remove the bolt securing the air box to the driver side inner fender. Save the bolt, it will be re-used later.
60		Lift the intake assembly (snorkel and air box together) out of the vehicle and set aside.
 		
Notes:		
<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>		
TORQUE		
		PROCESS NAME
		PAGE
		REMOVE INTAKE SNORKEL AND AIR BOX
		5



- 10

Insert a 1/2" drive breaker bar into the arm of the belt tensioner. and remove the belt.
- 20

Pull the breaker bar towards the driver side of the vehicle to release the tension on the belt.
- 30

While the tensioner is engaged, slide the belt off of the pulleys and removed.

ITEM	PART NUMBER	QTY.	DESCRIPTION

Notes:

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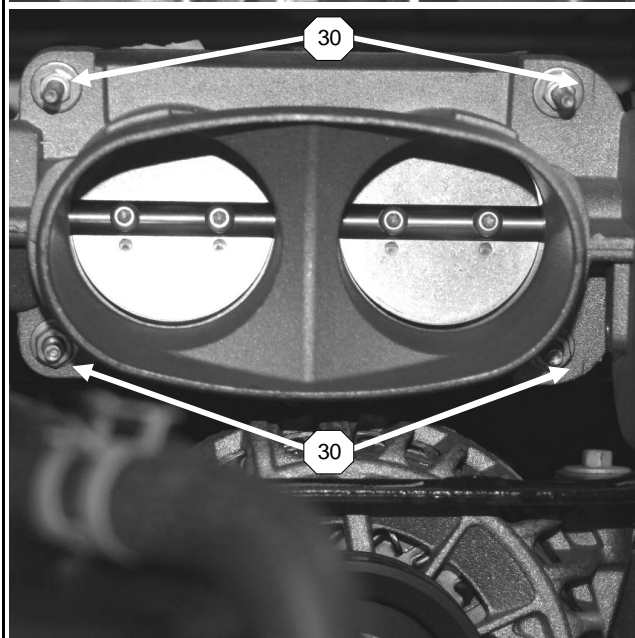
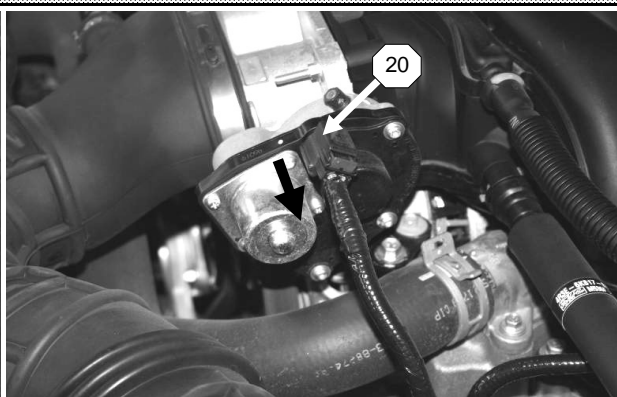
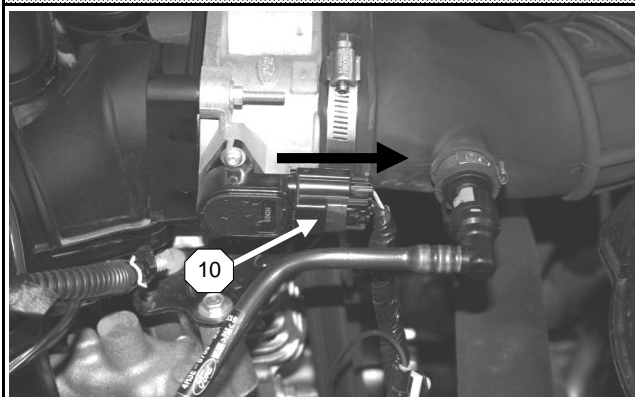


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TORQUE	?	ITEM NUMBER	OPERATION
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10	Disconnect the throttle position sensor electrical connector by sliding the red shield on the connector towards the front of the car. Push down on the now exposed tab, and pull the connector towards the front of the vehicle to remove.
20	Disconnect the electronic throttle control electrical connector by pulling the red locking tab outward. Pull the connector outward.
30	Remove the 2 studded bolts at the top of the throttle body and remove the 2 nuts at the bottom. Remove the throttle body.

ITEM	PART NUMBER	QTY.	DESCRIPTION

Notes:

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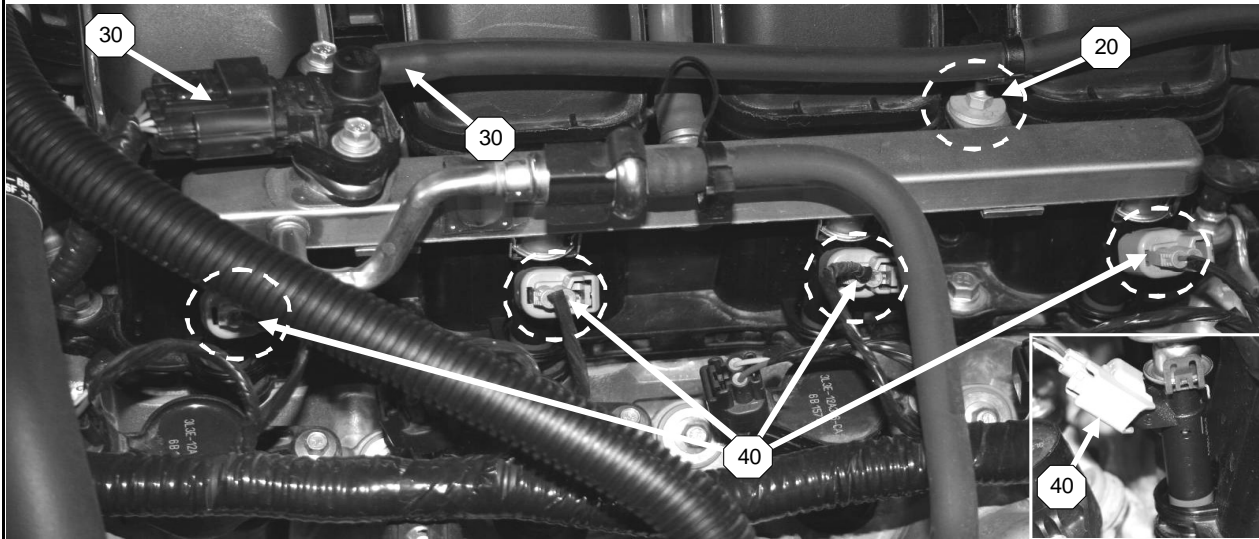
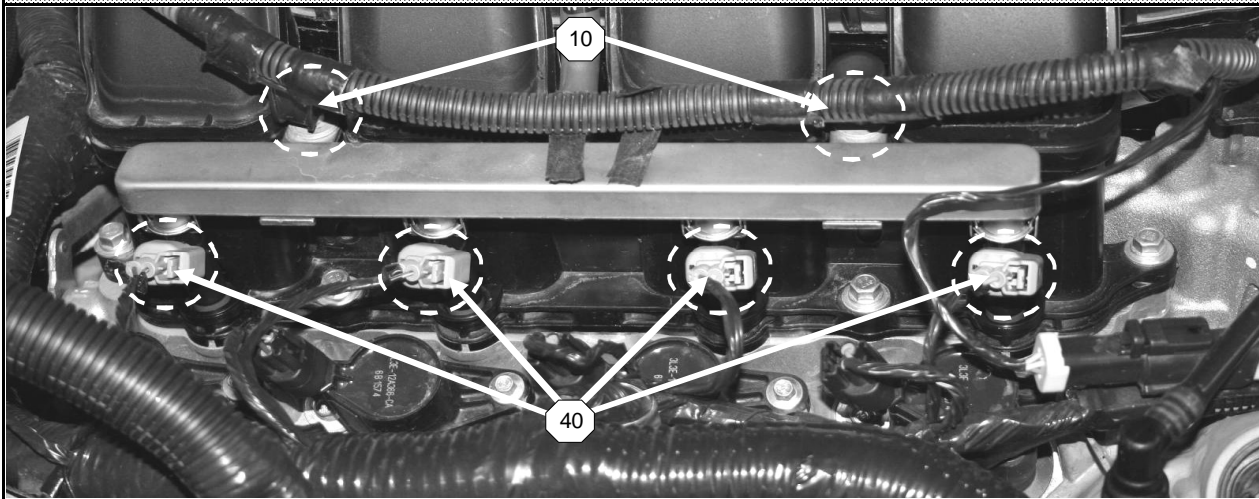
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TORQUE			
		PROCESS NAME	PAGE
		REMOVE THROTTLE BODY	7

TORQUE	?	ITEM NUMBER	OPERATION
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Notes:

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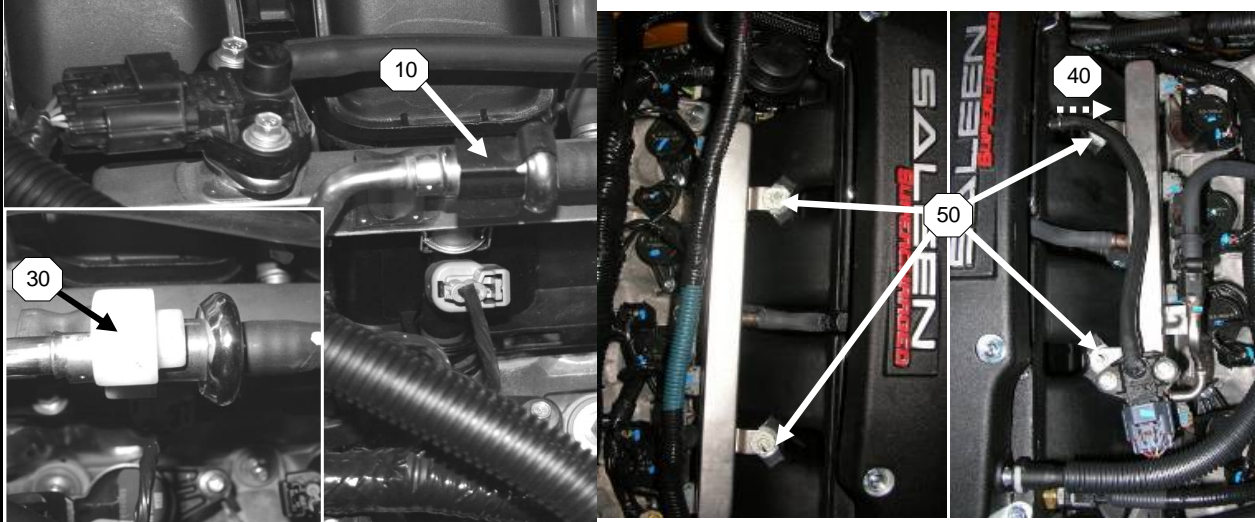
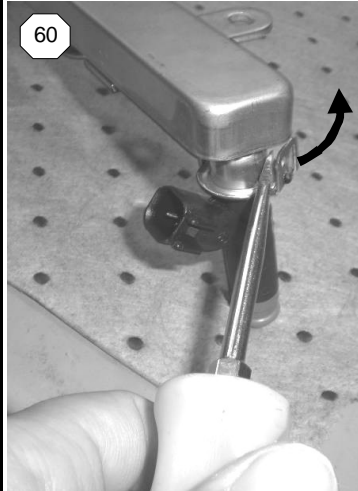




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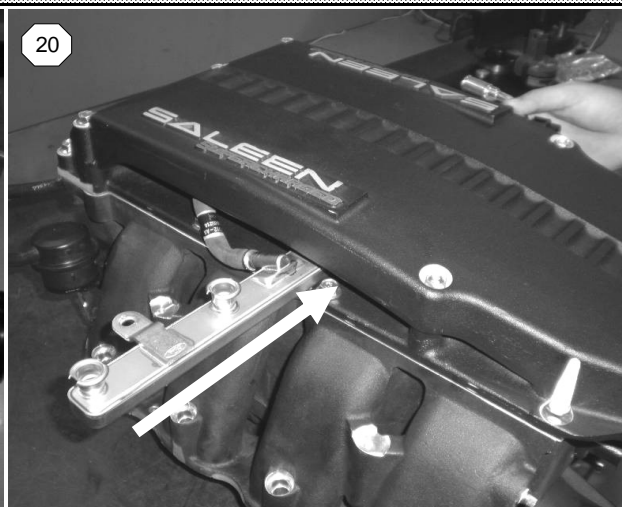
	<div> <div></div> <div> <b>NOTICE:</b> No smoking, flames, or sparks around the fuel system. The fuel line and fuel rail can give off fumes that are flammable and may ignite if there is any form of spark or open flame near it. </div> </div>		
	10	Detach the two wiring harness retainers from the fuel rail mounting stud bolts and position the harness to the side.	
	20	Disconnect the retainer holding the vacuum hose to the fuel rail mouning stud.	
	30	Disconnect the fuel rail temperature and presure sensor electrical connector and the vacuum hose from the fuel rail.	
	40	Disconnect the 8 fuel injector electrical connectors (grey) from the fuel injectors.	

ITEM	PART NUMBER	QTY.	DESCRIPTION

TORQUE		<div> <div></div> <div>SALEEN</div> </div>	
		PROCESS NAME	PAGE
		REMOVE FUEL RAIL	
			8-1

TORQUE	ITEM NUMBER	OPERATION																																				
																																						
	10	Remove the safety clip from the fuel line connector on the fuel rail.																																				
	20	Place a rag over the fuel line connection to protect against escaping fuel and vapors.																																				
	30	Place the fuel line disconnect tool on the fuel rail side of the fuel rail. Slide the fuel line disconnect tool towards the rear of the vehicle until the tool locks in place. Disconnect the fuel line.																																				
	40	Disconnect the intake manifold reference hose from the intake manifold.																																				
	50	Remove the 8mm fuel rail stud bolts.																																				
	60	Remove each fuel injector (8 total) with a flat blade screwdriver. Set the tip of the screwdriver between the flange in the fuel rail (where the fuel injector connects), and one of the ears of the injector retaining clip. Use the screwdriver to disengage the tab on the clip ear, and pry away from the injector connector. Once the clips are removed, pull each injector out of the fuel rail.																																				
<p><b>NOTICE:</b> The injector clips have tension on them. When removing them with a screwdriver, they may want to pop off the injector and go flying. Try to contain the clips when removing and make sure to wear safety glasses. Save the 8 injector clips, they will be re-used.</p>																																						
 																																						
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TORQUE																																						
		PROCESS NAME	PAGE																																			
		REMOVE FUEL RAIL	8-2																																			

TORQUE	ITEM NUMBER	OPERATION
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Notes:

**NOTICE:** No smoking, flames, or sparks around the fuel system. The fuel line and fuel rail can give off fumes that are flammable and may ignite if there is any form of spark or open flame near it.

10

Rotate the passenger (RH) side fuel rail 180 degrees so that the injector ports are facing upward.

20

Take the upside-down portion of the fuel rail (RH rail), and push it back through the gap in the intake duct..

30

Slide the RH fuel rail through the gap in the lid until it come out the LH side.

40

Once the RH fuel rail has passed through the lid, rotate it back into its previous position (fuel injector ports facing downward).

ITEM	PART NUMBER	QTY.	DESCRIPTION

TORQUE		<div> <div></div> <div>SALEEN</div> </div>	
		PROCESS NAME	PAGE
		REMOVE FUEL RAIL	8-3





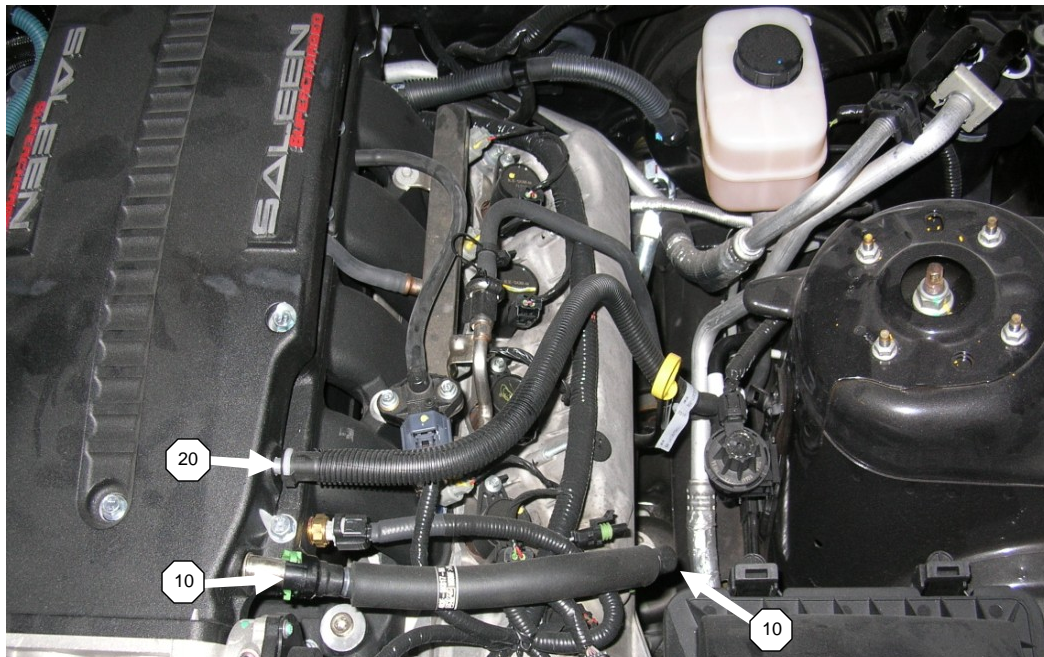
TORQUE



ITEM NUMBER



OPERATION



10

Remove the PCV tube from the engine by first unclipping the end at the valve cover fitting, and then the fitting at the supercharger intake duct. Save this tube, it will be reused later.

20

Disconnect the EVAP tube from the supercharger intake duct. Move the hose out of the way until it is reinstalled towards the end of the kit install process.

Notes:

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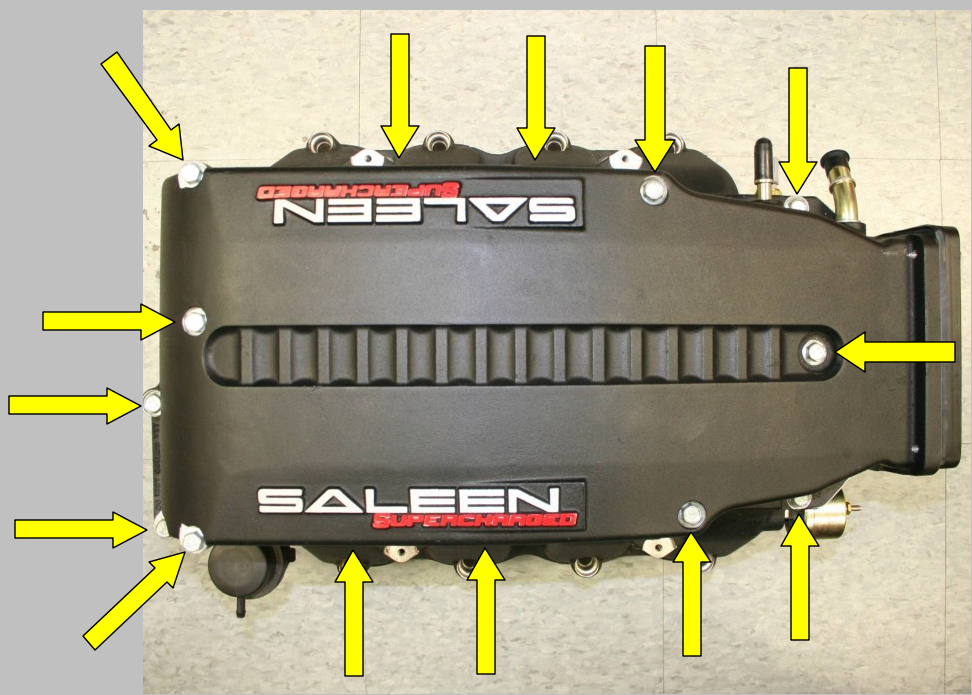
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ITEM	PART NUMBER	QTY	DESCRIPTION
TORQUE		 <b>SALEEN</b>	
		PROCESS NAME	PAGE
		PCV & EVAP HOSE REMOVAL	
			9



10 Remove all 14 bolts that fasten the supercharger lid to the intake manifold. You will need to lift up on the front of the supercharger intake duct and slide it forward to remove it from the car. You may not be able to remove the center rear bolt once it is unscrewed, leave it in the supercharger intake duct as you remove the intake duct.

20 Discard the used supercharger lid to intake manifold gasket.

Notes:

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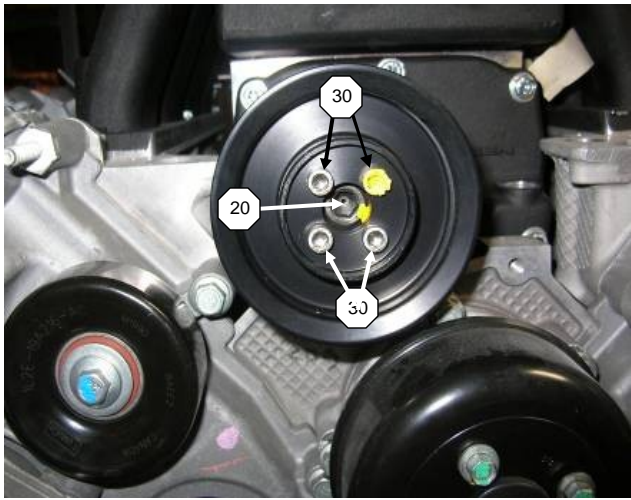


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ITEM	PART NUMBER	QTY	DESCRIPTION



TORQUE	ITEM NUMBER	OPERATION
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Notes:




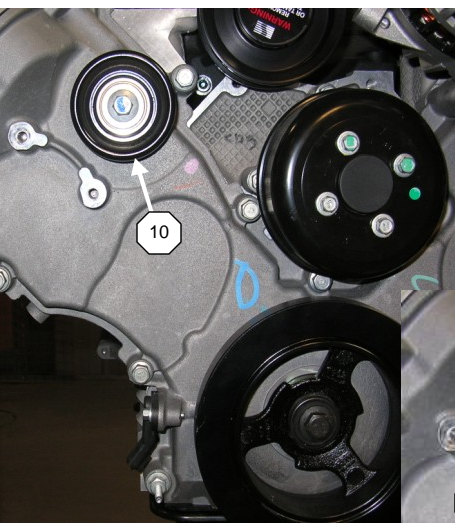










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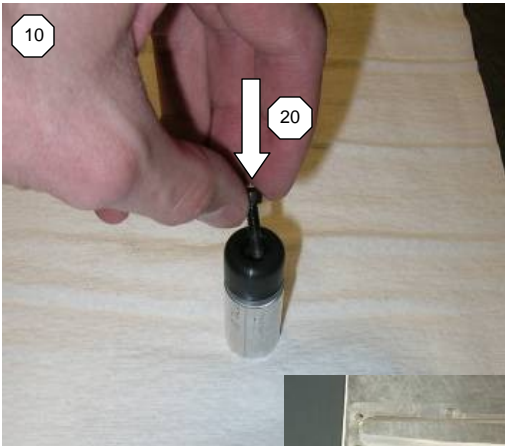
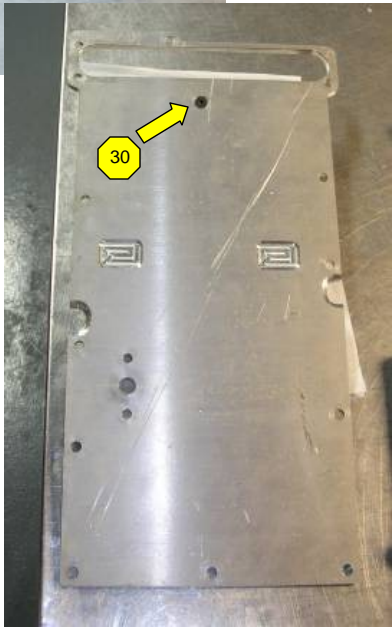

Using a flat head screwdriver, unsnap the supercharger pulley bolt cover after cutting the four tabs on the cap sticker.
- 20

Insert a 10mm allen key into the hole in the center of the pulley and engage the bolt that fastens the pulley hub to the driveshaft.
- 30

Using a 5mm allen key or allen drive socket, remove the four bolts that fasten the pulley to the pulley hub while using the 10mm allen key to keep the supercharger from rotating. You may need to remove the anti-tamper paint from one of the supercharger pulley bolts with a pick or similar tool.

ITEM	PART NUMBER	QTY	DESCRIPTION
TORQUE		 SALEEN	
		PROCESS NAME	PAGE
		SUPERCHARGER PULLEY REMOVAL	11

 TORQUE	 ITEM NUMBER	 OPERATION																																					
																																							
																																							
<p>This step is only required for the 2007-2008 435HP kit. If you cannot locate your original pulley, you will need to get another one from a dealer. An equivalent pulley from a parts store will also work. (Dayco P/N 89006)</p>																																							
<p> 10 Remove the passenger side idler pulley located above the tensioner.</p>																																							
<p> 20 Place the original idler pulley (diameter should be 90mm) on its boss on the front cover above the belt tensioner.</p>																																							
<p> 30 Apply red loctite to the threads of the original idler bolt, and <b><u>torque to 18 Lb-ft +/- 2.7 Lb-ft.</u></b></p>																																							
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TORQUE	ITEM NUMBER	OPERATION																													
<div>10</div> 	<div>20</div>																														
	<div>30</div>																														
	<div>40</div>																														
	<div>10</div>	Assemble the intercooler stop by placing the rubber foot (A) over the end of the aluminum spacer (B) that is drilled and tapped for an M4 thread.																													
	<div>20</div>	Apply Vibra Stop to the threads of the M4x16mm socket head cap screw (C). Tighten the M4 screw until the rubber stop begins to deform.																													
	<div>30</div>	Apply Vibra Stop to the tapered face of the M6x16mm countersunk bolt (D), insert into shaker supercharger lid (E). Do not wait for the Vibra Stop to dry before inserting.																													
	<div>40</div>	Thread the intercooler stop assembly onto the M6 bolt after applying Vibra Stop to the threads. Do not wait for the Vibra Stop to dry. <b>Tighten to 89inlb.</b> Wipe the excess sealant off of the head of the countersunk bolt.																													
<table><thead><tr><th>ITEM</th><th>PART NUMBER</th><th>QTY</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>A</td><td>00-1607-C18833</td><td>1</td><td>STOP, 3/4IN BUNA-N RUBBER</td></tr><tr><td>B</td><td>06-1607-C18834</td><td>1</td><td>SPACER, INTERCOOLER RETAIN</td></tr><tr><td>C</td><td>00-9001-C18850</td><td>1</td><td>CAPSCRW SCKT HD M4x0.7x16mm</td></tr><tr><td>D</td><td>00-9001-C18849</td><td>1</td><td>CAPSCRW, FLT HD M6x1.0x16mm</td></tr><tr><td>E</td><td>06-1607-C18446</td><td>1</td><td>LID, SUPERCHARGER MODULAR</td></tr><tr><td>F</td><td>00-9304-C19185</td><td>1</td><td>VIBRA STOP HIGH TEMP</td></tr></tbody></table>				ITEM	PART NUMBER	QTY	DESCRIPTION	A	00-1607-C18833	1	STOP, 3/4IN BUNA-N RUBBER	B	06-1607-C18834	1	SPACER, INTERCOOLER RETAIN	C	00-9001-C18850	1	CAPSCRW SCKT HD M4x0.7x16mm	D	00-9001-C18849	1	CAPSCRW, FLT HD M6x1.0x16mm	E	06-1607-C18446	1	LID, SUPERCHARGER MODULAR	F	00-9304-C19185	1	VIBRA STOP HIGH TEMP
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TORQUE		SALEEN																													
<div>1</div>	89inlb	PROCESS NAME	PAGE																												
		SHAKER SUPERCHARGER LID ASSEMBLY																													
Notes:			13																												



TORQUE



ITEM NUMBER



OPERATION



10

Retrieve the TMAP sensor **(A)** and apply silicone O-ring lubricant to its O-ring.

20

Insert the O-ring into the TMAP sensor into the hole in the lid between the threaded inserts, and pressing straight downward until the O-ring compresses and slips into the hole.

30

Rotate the TMAP sensor so that the holes are lined up with the threaded inserts in the supercharger lid.

40

Insert the two M5x20mm hex screws **(B)** through the TMAP sensor attachment holes and into the threaded inserts in the supercharger lid after applying Vibra Stop to the threads.

**Tighten to 40inlbs.**

ITEM	PART NUMBER	QTY	DESCRIPTION
<b>[A]</b>	00-1702-C14540	1	TMAP SENSOR
<b>[B]</b>	00-9001-C15027	2	CAPSCRW, HEX HEAD M5x0.8x20
<b>[C]</b>	00-9304-C19185	1	VIBRA STOP HIGH TEMP

## TORQUE

1

40inlbs



SALEEN

PROCESS NAME

PAGE

TMAP SENSOR INSTALLATION

14

Notes:

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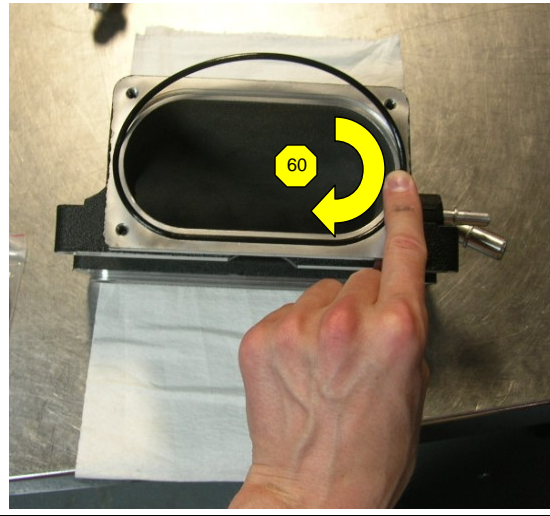
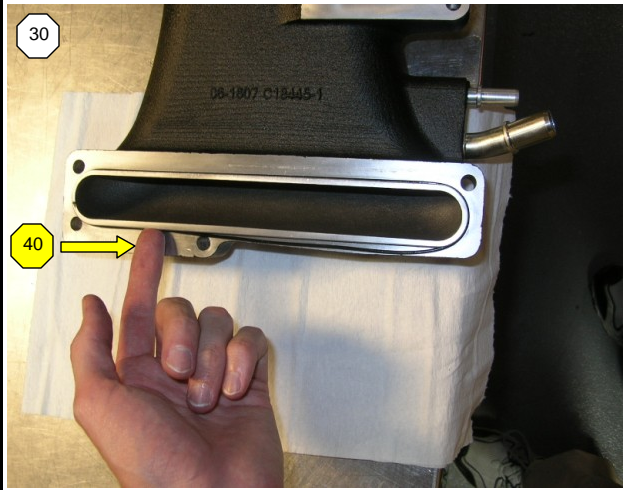
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- 10

Using a clean cloth rag and brake cleaner, clean the interior of the intake snorkel, and the machined mating faces at either end. Let air dry or blow out with compressed air if available.
- 20

Apply silicone O-ring lubricant to the large O-ring **(A)**.
- 30

Install the large O-ring over the slotted end of the shaker intake snorkel **(B)**. The O-ring will sit in the groove milled in the perimeter of the snorkel. Be careful to stretch the O-ring as little as possible while installing it. The fit may appear a loose once it is sitting in its groove.
- 40

Gently run your finger around the O-ring to seat it into its groove. Push any excess towards the back face as shown. Make sure the corners are seated well.
- 50

Apply silicone O-ring lubricant to the smaller O-ring **(C)**.
- 60

Install the smaller O-ring into the groove milled into the throttle body mounting face of the shaker intake snorkel. The O-ring may seem too big at first, but patiently work it around until the entire O-ring is seated into the groove.

Notes:

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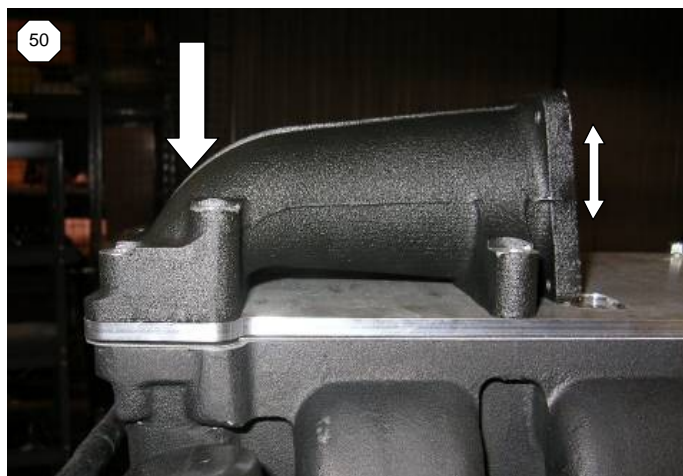
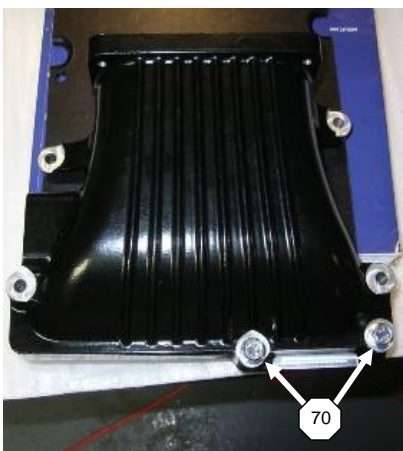
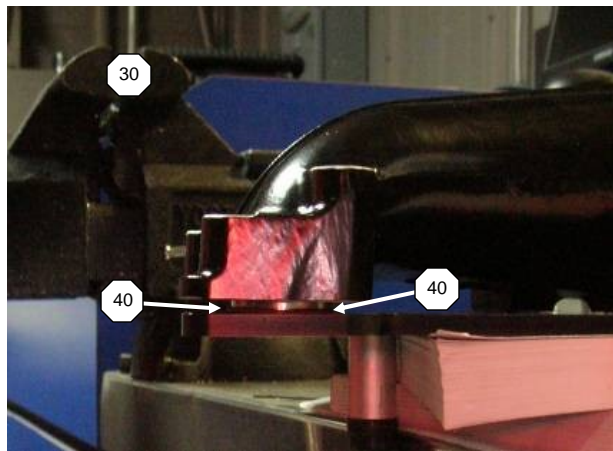
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ITEM	PART NUMBER	QTY	DESCRIPTION
A	00-9009-C18641	1	O-RING, DASH 054, BUNA N
B	06-1607-C18445	1	INLET SNORKEL, SHAKER CHARC
C	00-9009-C18642	1	O-RING, DASH 247, BUNA N

<b>TORQUE</b>			
		PROCESS NAME	PAGE
		SNORKEL O-RING INSTALLATION	
			15

TORQUE	?	ITEM NUMBER	OPERATION
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- 10 Wipe off the interior snorkel mating slot and the underside of the supercharger lid with a clean rag.
- 20 Wipe off the slot in the supercharger lid that the intake snorkel will mount to. Then apply O-ring lubricant to the slot and the chamfer at the top of the slot to help the O-ring slip into place.
- 30 Place the snorkel onto the supercharger lid in position, but do not seat the O-ring seal.
- 40 Carefully inspect both sides of the snorkel to lid connection to see that the O-ring is still seated in its groove. Areas that are not seated will look like a bubble. To correct unseated portions of O-ring, use a smooth object that is thin enough to get into the gap and push the O-ring into its groove.
- 50 Seat the snorkel to supercharger lid connection by applying steady pressure at the back of the snorkel while gripping the front of the snorkel to rock the front up and down. Progressively apply pressure at the back until the snorkel seats into the supercharger lid.
- 60 Place the new intake manifold gasket (A) onto the open intake manifold and line up the holes.
- 70 Apply loctite and insert two M8x45mm bolts (C) in the indicated holes.
- 80 Place the supercharger lid onto the intake manifold. It may not lay flat because of the rubber intercooler stop.

ITEM	PART NUMBER	QTY	DESCRIPTION
A	06-1607-C09882	1	GASKET INLET TUBE 05 MUSTANG
B	00-9001-C18637	2	CAPSCRW HEX FLNG M8x1.25x45

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TORQUE		SALEEN	
		PROCESS NAME	PAGE
		LID & SNORKEL ASSEMBLY	16



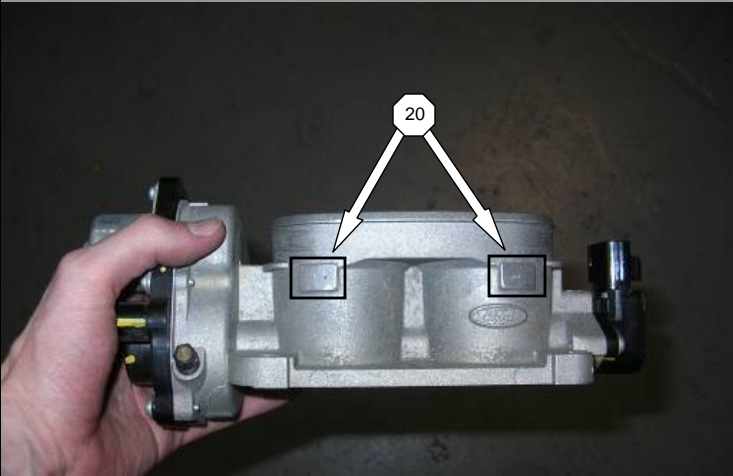
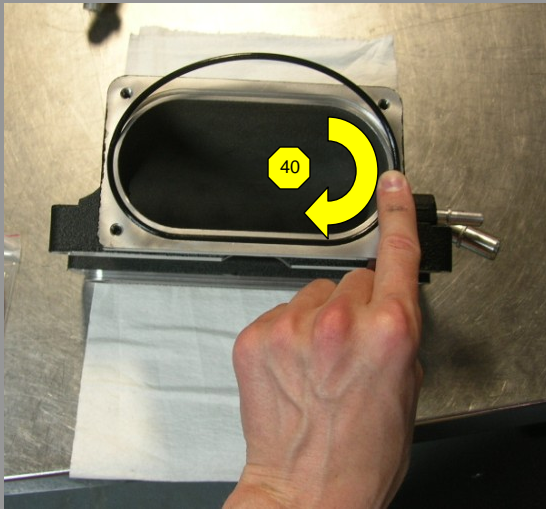



- 10 Insert seven M8x16mm bolts (A) into the holes at the front of the supercharger plate after applying Vibra Stop. Do not wait for the Vibra Stop to dry. Start the bolts, but do not tighten yet.
- 20 Apply Vibra Stop and insert one M8x40mm bolt (B) in the indicated hole. Do not wait for the Vibra Stop to dry. Start the bolt, but do not tighten yet.
- 30 Apply Vibra Stop and insert three M8x45mm bolts (C) in the indicated hole. Do not wait for the Vibra Stop to dry. Start the bolts, but do not tighten yet.
- 40 Apply Vibra Stop and insert two M8x60mm bolts (D) in the indicated holes. Do not wait for the Vibra Stop to dry. Start the bolts but do not tighten yet.
- 50 Make sure that the supercharger lid is still lined up to the intake manifold, and make all of the bolts hand tight. Start with the M8x60mm bolts inserted in step 40.
- 50 Torque all 13 of the M8 bolts to 18ftlb in the order from A to M.

ITEM	PART NUMBER	QTY	DESCRIPTION
A	00-9001-C14366*	7	CAPSCRW HEX FLNG M8X1.25X16
B	00-9001-C10665*	1	CAPSCRW HEX FLNG M8x1.25x40mm
C	00-9001-C18637*	3	CAPSCRW HEX FLNG M8x1.25x45
D	00-9001-C10063*	2	CAPSCRW HEX FLNG M8x1.25x60mm
E	00-9304-C19185	1	VIBRA STOP HIGH TEMP

Notes:

TORQUE		SALEEN	
1	18ftlb		
		PROCESS NAME	PAGE
		LID & SNORKEL ASM INSTALLATION ONTO SUPERCHARGER	17



	<div>10</div> <p>Retrieve the throttle body removed from the original intake manifold and its bolts. For this kit, the throttle body will be installed with the motor facing the passenger side of the vehicle.</p> <div>20</div> <p>On the pictured side of the throttle body there are two rectangular bosses. The edges of these bosses need to be filed or ground so that the edges are smooth.</p> <div>30</div> <p>Apply silicone O-ring lubricant to the O-ring (A).</p> <div>40</div> <p>Install the smaller O-ring into the groove milled into the throttle body mounting face of the shaker intake snorkel. The O-ring may seem too big at first, but patiently work it around until the entire O-ring is seated into the groove.</p>																																																																	
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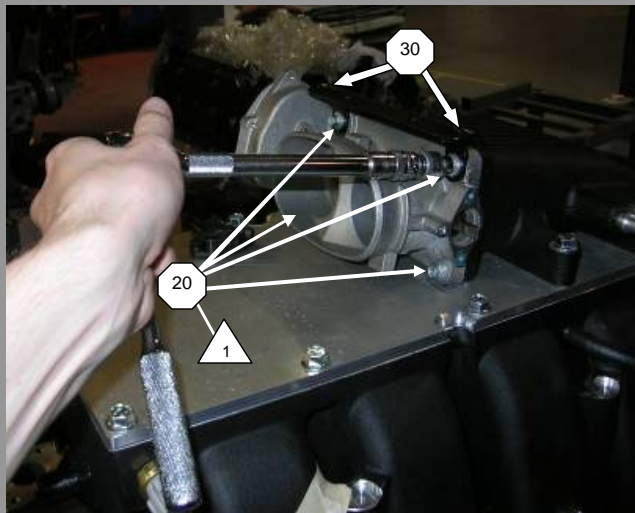
TORQUE



ITEM NUMBER



OPERATION



10

Retrieve the rear airbox bracket **(A)** and position it above what will be the upper bolt holes in the throttle body. Insert the four throttle body bolts into the holes in the throttle body.

20

Install the throttle body onto the intake snorkel after wiping the O-ring off with a clean cloth. Before tightening the two upper bolts, make sure the that the rear airbox bracket is sitting as low as allowed by the slotted holes. This is illustrated in the lower picture. It is necessary to mount the bracket like this so that the airbox closeout will fit underneath the Mustang GT hood. **Torque the four bolts to 91inlb.**

30

Insert the two rear scoop ballstud sockets **(B)** into the large holes in the rear airbox bracket.

ITEM	PART NUMBER	QTY	DESCRIPTION
A	06-1602-C18621	1	BRACKET - REAR AIRBOX SHAKE
B	00-9006-C18776	2	BALLSTUD SOCKET

## TORQUE

1

91inlb



SALEEN

PROCESS NAME

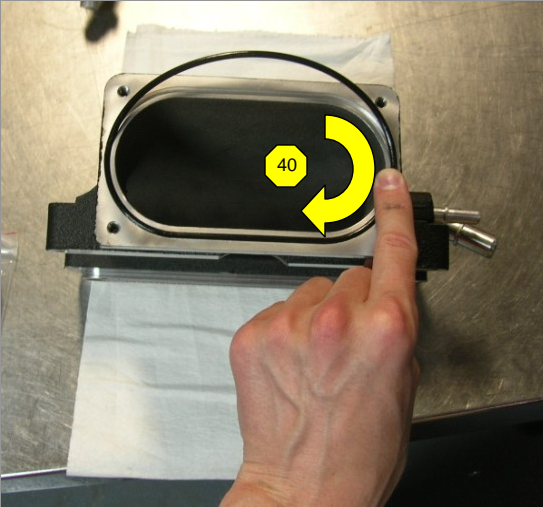
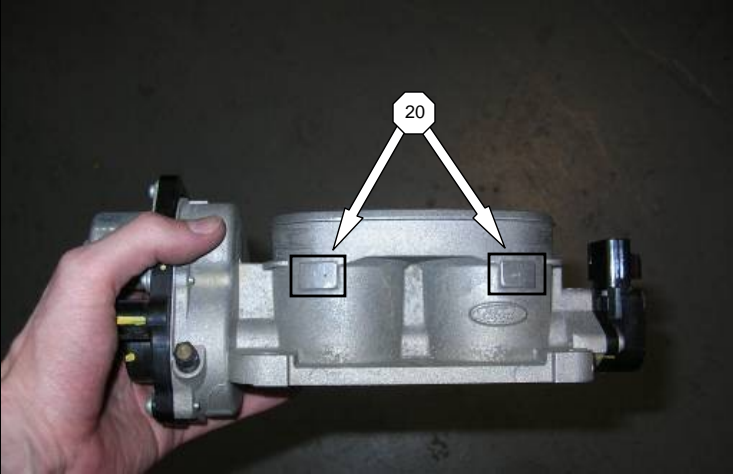

PAGE

THROTTLE BODY INSTALLATION

**MUSTANG GT KIT****B**

18-2

Notes:


TORQUE	?	ITEM NUMBER	OPERATION																																				
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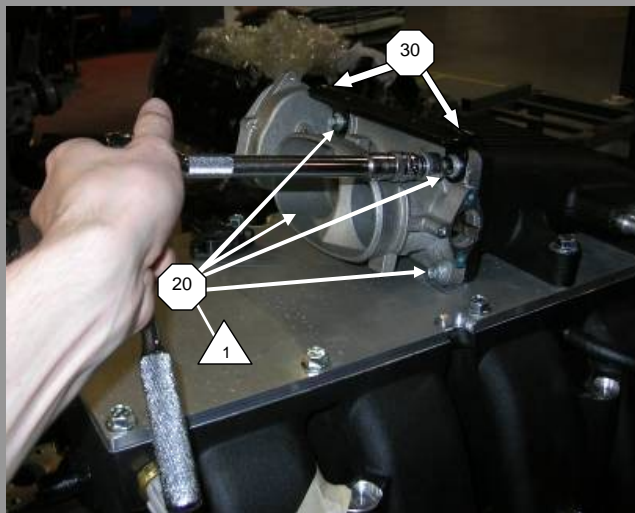
TORQUE



ITEM NUMBER



OPERATION



10

Retrieve the rear airbox bracket **(A)** and position it above what will be the upper bolt holes in the throttle body. Insert the four throttle body bolts into the holes in the throttle body.

20

Install the throttle body onto the intake snorkel after wiping the O-ring off with a clean cloth. Before tightening the two upper bolts, make sure the that the rear airbox bracket is sitting as high as allowed by the slotted holes. This is shown in the lower picture. If the bracket is not mounted at the top of the slots, then the rear of the airbox will sit lower than intended beneath the hood. **Torque the four bolts to 91inlb.**

30

Insert the two rear scoop ballstud sockets **(B)** into the large holes in the rear airbox bracket.

ITEM	PART NUMBER	QTY	DESCRIPTION
A	06-1602-C18621	1	BRACKET - REAR AIRBOX SHAKE
B	00-9006-C18776	2	BALLSTUD SOCKET

TORQUE

1

91inlb



SALEEN

PROCESS NAME

PAGE

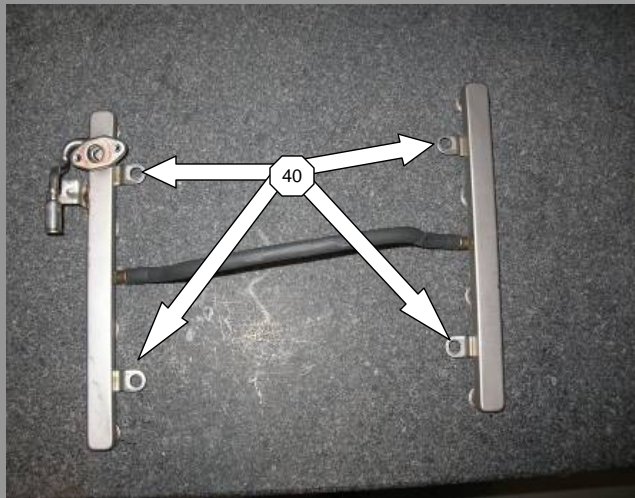
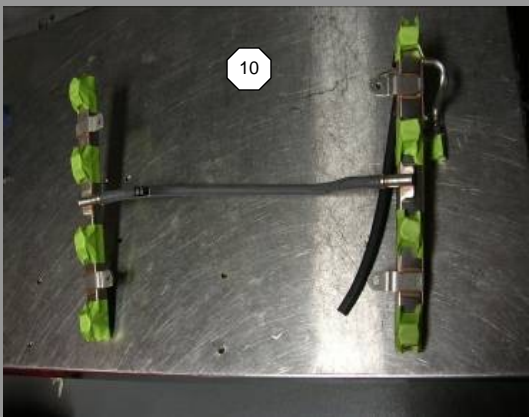
THROTTLE BODY INSTALLATION

**SALEEN S-SERIES KITS****E**

18-2

Notes:


TORQUE	ITEM NUMBER	OPERATION
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- 10 Retrieve the fuel rail disassembled earlier. Tape over the eight injector ports and fuel feed port.
- 20 Install the supplied step drill (A) into a drill motor.
- 30 Using a bench vice or similar, clamp one side of the fuel rail to hold it stationary. (Do not tighten enough to damage the fuel rail: Do not clamp the flexible crossover portion.) Switch sides to drill the other two mounting holes.
- 40 Applying firm pressure to the drill, open up the four mounting holes on the fuel rail assembly to 1/4in (the largest step on the provided drill). Try to keep the drill centered on the two slotted holes, it will self-center after the second step. Spray WD-40 or cutting fluid if available on the drill to keep it and the fuel rail cool. Do not use cutting fluid sparingly. If assistance is available, have the other person spray cutting fluid while you are drilling. (The fuel rail shown has the pressure sensor removed, you will not need to do this.)
- 50 Wipe the fuel rail assembly clean and remove the taped off ports.

ITEM	PART NUMBER	QTY	DESCRIPTION
A	00-3105-C19119	1	DRILL, 3/16 TO 1/2IN STEP

Notes:

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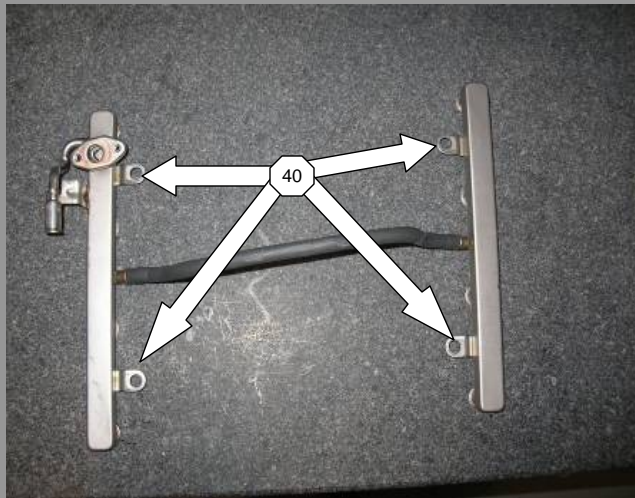
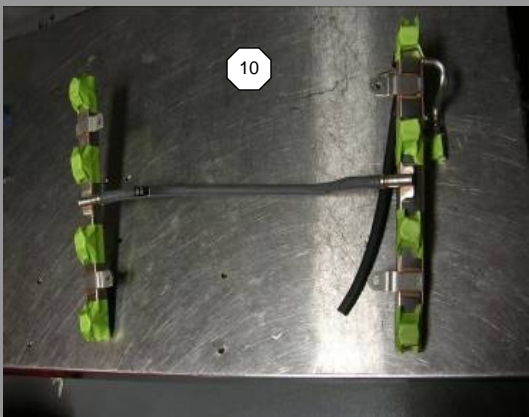
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TORQUE		 <b>SALEEN</b>	
		PROCESS NAME	PAGE
		FUEL RAIL MODIFICATION & INSTALLATION	<b>C</b>
			19-1





TORQUE	ITEM NUMBER	OPERATION
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- 10 Retrieve the fuel rail disassembled earlier. Tape over the eight injector ports and fuel feed port.
- 20 Install the supplied step drill (A) into a drill motor.
- 30 Using a bench vice or similar, clamp one side of the fuel rail to hold it stationary. (Do not tighten enough to damage the fuel rail: Do not clamp the flexible crossover portion.) Switch sides to drill the other two mounting holes.
- 40 Applying firm pressure to the drill, open up the four mounting holes on the fuel rail assembly to 1/4in (the largest step on the provided drill). Try to keep the drill centered on the two slotted holes, it will self-center after the second step. Spray WD-40 or cutting fluid if available on the drill to keep it and the fuel rail cool. Do not use cutting fluid sparingly. If assistance is available, have the other person spray cutting fluid while you are drilling. (The fuel rail shown has the pressure sensor removed, you will not need to do this.)
- 50 Wipe the fuel rail assembly clean and remove the taped off ports.

ITEM	PART NUMBER	QTY	DESCRIPTION
A	00-3105-C19119	1	DRILL, 3/16 TO 1/2IN STEP

Notes:

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

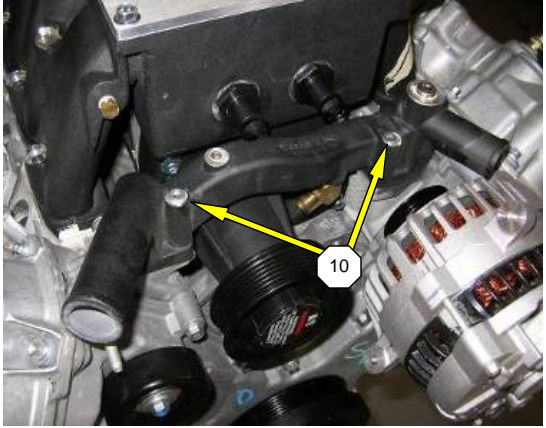
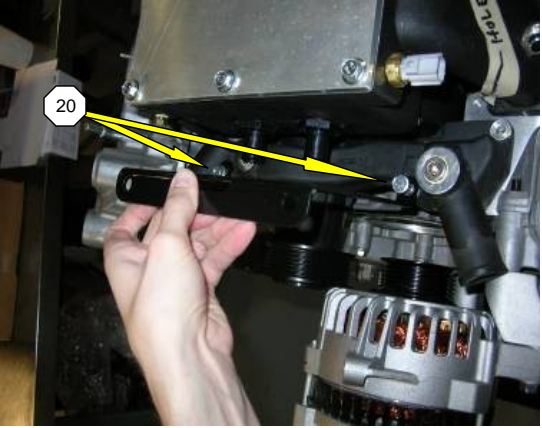
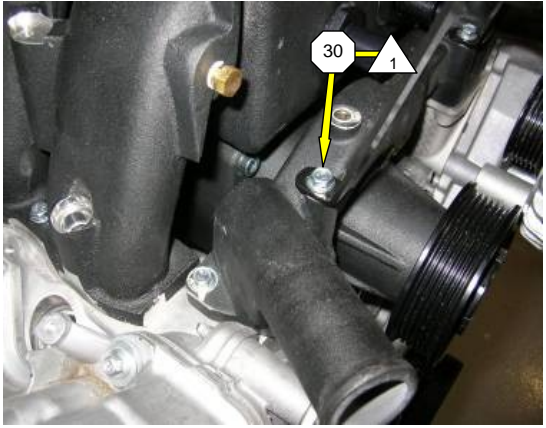
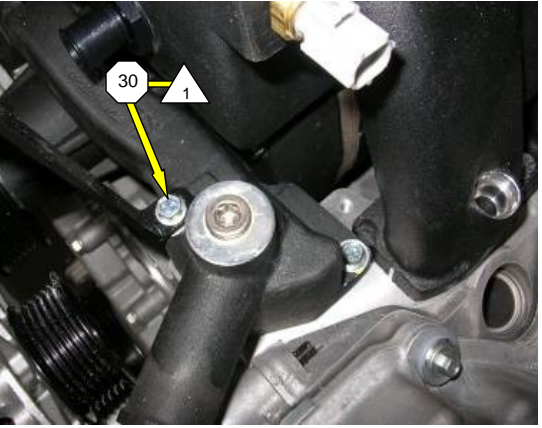








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<b>TORQUE</b>		 <b>SALEEN</b>	
		PROCESS NAME	PAGE
		FUEL RAIL MODIFICATION & INSTALLATION	D
		19-1	




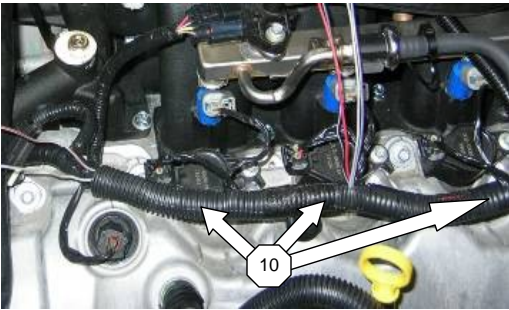
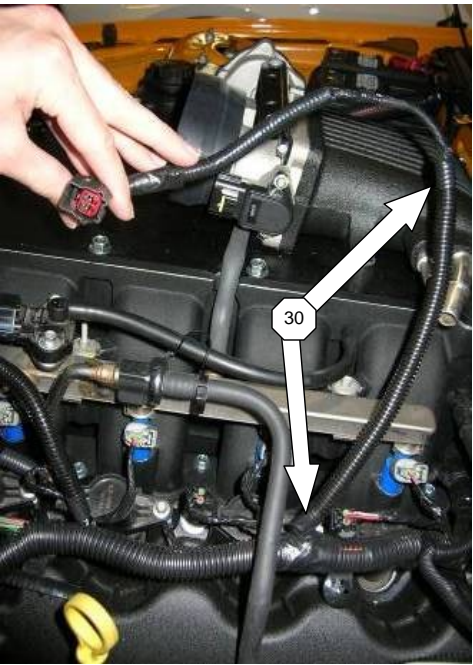








	TORQUE		ITEM NUMBER		OPERATION																																				
					<div><div>10</div><div>Remove the two front bolts on the water crossover and place two M6 flat washers (A) on top of the front two bolt holes on the coolant crossover.</div></div>																																				
					<div><div>20</div><div>Retrieve the front airbox bracket (B) and two M6x70mm flange head bolts removed in the last step. Place the front bracket over the two front bolt holes in the coolant crossover, apply loctite to and insert the two M6x70 bolts. Do not tighten the bolts yet.</div></div>																																				
					<div><div>30</div><div>Tighten the two front coolant crossover bolts. <u>Torque to 89inlb.</u></div></div>																																				
																																									
																																									
<div>Notes:<div>The kit comes with extra M6 washers that may be needed under the legs of the front airbox bracket to allow better alignment of the airbox to hood.</div></div>																																									
<table><thead><tr><th>ITEM</th><th>PART NUMBER</th><th>QTY</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>A</td><td>00-9004-C00296</td><td>2</td><td>WASHER FLAT M6 ST</td></tr><tr><td>B</td><td>06-1602-C18620</td><td>1</td><td>BRACKET - FRONT AIRBOX SHAK</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></tbody></table>						ITEM	PART NUMBER	QTY	DESCRIPTION	A	00-9004-C00296	2	WASHER FLAT M6 ST	B	06-1602-C18620	1	BRACKET - FRONT AIRBOX SHAK																								
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 TORQUE	 ITEM NUMBER	 OPERATION																																					
 																																							
<div><div><div>10</div><div>Retape the main wiring harness where the ignition coils and injectors break out. Reinstall the wiring convolute and tape in place.</div></div><div><div>20</div><div>Cut approximately 8.25in of 1/4in black wiring convolute <b>(A)</b> off of the supplied length and install it over the MAF sensor wiring. Tape at both ends.</div></div><div><div>30</div><div>Cut approximately 10in of 1/4in black wiring convolute <b>(B)</b> off of the supplied length and install it over the throttle body motor wiring. Slide the convolute down to the main harness and tape both ends. Cover the remaining exposed wire with electrical tape.</div></div></div>																																							
<table><thead><tr><th>ITEM</th><th>PART NUMBER</th><th>QTY</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td><b>A</b></td><td>00-1704-C15307*</td><td>8.25in</td><td>WIRING CONVOLUTE 1/4" BLACK</td></tr><tr><td><b>B</b></td><td>00-17040C15307*</td><td>10in</td><td>WIRING CONVOLUTE 1/4" BLACK</td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>				ITEM	PART NUMBER	QTY	DESCRIPTION	<b>A</b>	00-1704-C15307*	8.25in	WIRING CONVOLUTE 1/4" BLACK	<b>B</b>	00-17040C15307*	10in	WIRING CONVOLUTE 1/4" BLACK																								
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TORQUE

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ITEM NUMBER

OPERATION

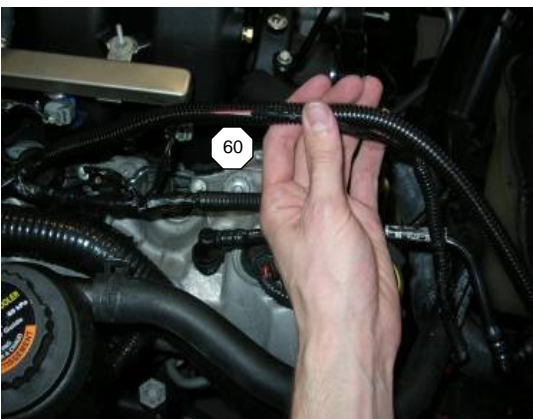
10




50



60



80



10

Locate the TPS sensor connector on the passenger side main engine wiring harness that runs along the valve cover.

20

Untape the connection where the TPS connector breaks out of the main harness, and untape the wiring harness where the front two cylinder ignition coil and fuel injector wires break out. Peel back the convolute on the main engine wiring harness.

30

Untape the wires in the wiring harness back to the second cylinder's ignition coil and fuel injector breakout.

40

Pull the TPS sensor wires out or the wiring harness back to the second cylinder's wiring breakout.

50

Retape the main wiring harness at each of the ignition coil and fuel injector wiring breakouts. Recover the main wiring harness with the original convolute and tape in place.

60

Cut approximately 9in of 1/4in black wiring convolute (A) off of the supplied length and slip it over the TPS wires.

70

Slide the convolute down to the main wiring harness convolute and tape in place at either end.

80

Cross the TPS and throttle body motor wires and place them under the throttle body. Plug in each one.

ITEM	PART NUMBER	QTY	DESCRIPTION
A	00-1704-C15307	9in	WIRING CONVOLUTE 1/4" BLACK

TORQUE	

SALEEN




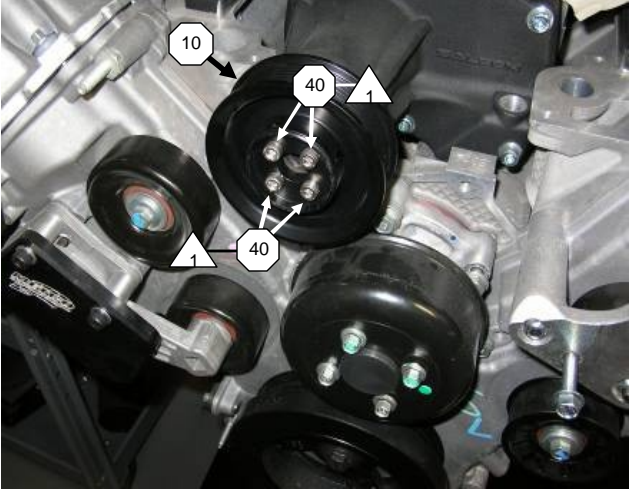










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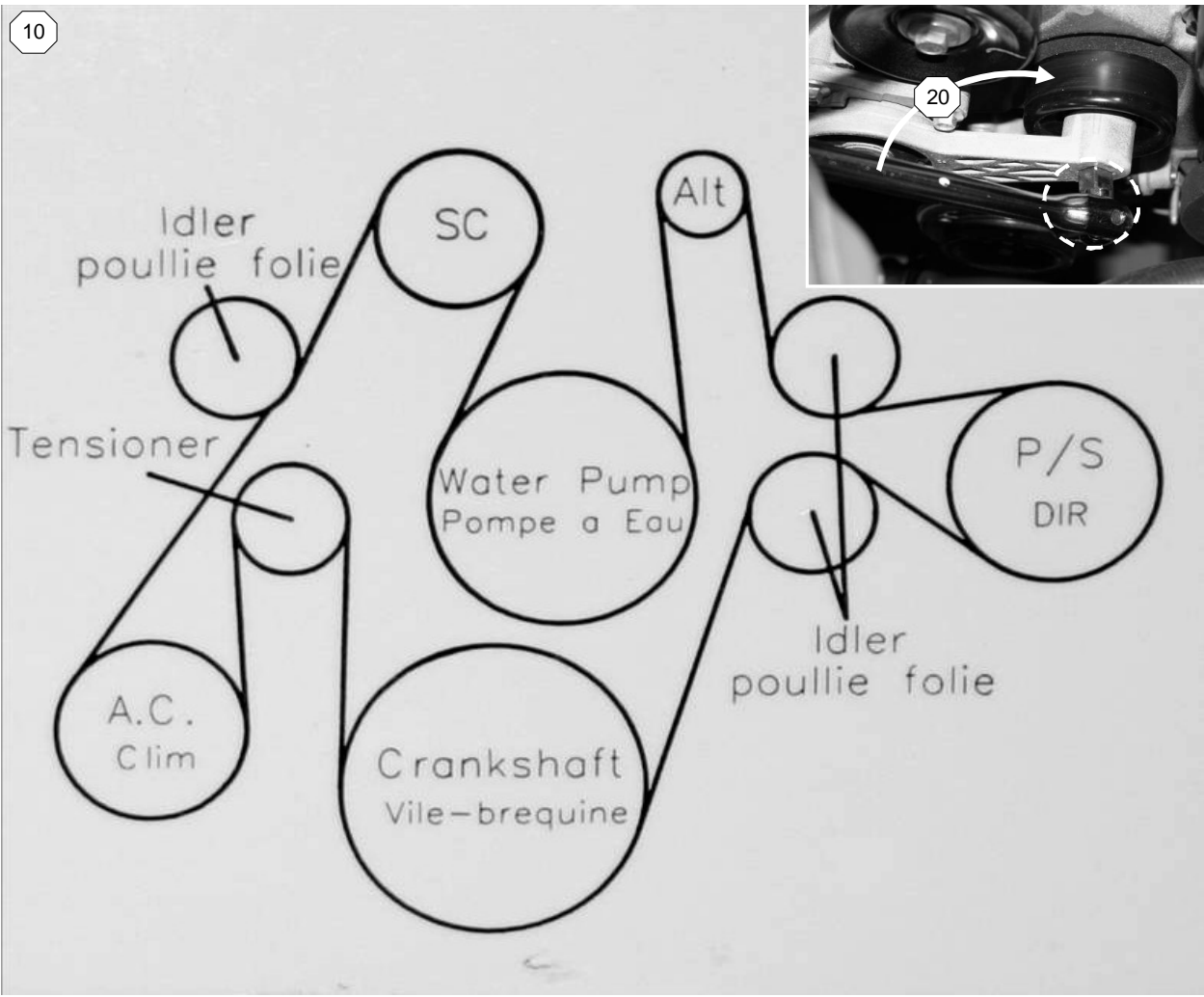
WIRING HARNESS MODIFICATIONS

PAGE

21-3

Notes:

 TORQUE	 ITEM NUMBER	 OPERATION																																																				
		<div><div>10</div><div>Install the supercharger pulley supplied with the kit <b>(A)</b> onto the supercharger pulley hub. Line up the bolt holes in the pulley with the threaded holes in the pulley hub.</div><div>20</div><div>Apply a dab of red thread locker to the threads of the four supercharger pulley bolts and insert them into the pulley.</div><div>30</div><div>Insert a 10mm allen key into the hole in the center of the pulley and engage the bolt that fastenes the pulley hub to the crankshaft.</div><div>40</div><div>Use a 10mm allen key to keep the supercharger from rotating, <b><u>torque the four supercharger pulley bolts to 91inlb</u></b> using a 5mm allen socket.</div><div>50</div><div>Reinstall the supercharger pulley bolt cover by snapping it back into place.</div></div>																																																				
																																																						
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TORQUE	ITEM NUMBER	OPERATION																																				
10		<div></div>	<div><div>10</div><div>Route the belt (A) as shown in the belt routing decal, but leave the belt off of the water pump pulley (It is easier to slide the belt on there last).</div><div>20</div><div>Use a ½+drive breaker bar to relieve the tension on the tensioner by pulling on the bar clock-wise..</div><div>30</div><div>Slide the serpentine belt onto the water pump pulley.</div><div>40</div><div>Once the belt is seated on the water pump pulley, release the belt tensioner and verify that the belt is routed correctly, sits straight on all pulleys, and is properly seated on all pulleys.</div></div>																																			
		<table><thead><tr><th>ITEM</th><th>PART NUMBER</th><th>QTY.</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>A</td><td>00-1604-C11170*</td><td>1</td><td>Goodyear Gatorback 109.0" 6 Rib Belt</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></tbody></table>	ITEM	PART NUMBER	QTY.	DESCRIPTION	A	00-1604-C11170*	1	Goodyear Gatorback 109.0" 6 Rib Belt																												
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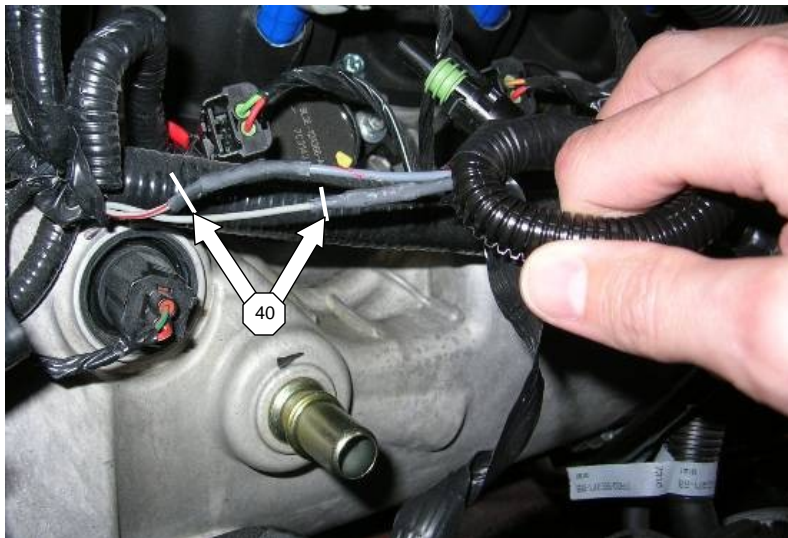
TORQUE



ITEM NUMBER



OPERATION



10

Remove the ACT sensor from the intake manifold by

20

Apply teflon thread sealant (liquid or tape) to the 3/8NPT plug, and install into the original ACT sensor hole.

30

Remove the electrical tape where the ACT sensor harness meets the engine harness.

40

Peel back the wiring convolute and cut the gray and gray with red stripe wires on the engine harness side of the butt connectors.

ITEM	PART NUMBER	QTY	DESCRIPTION
A	00-2003-C10448	1	3/8 NPT PLUG

TORQUE



SALEEN

PROCESS NAME

PAGE

REMOVE ACT SENSOR

24

Notes:

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TORQUE



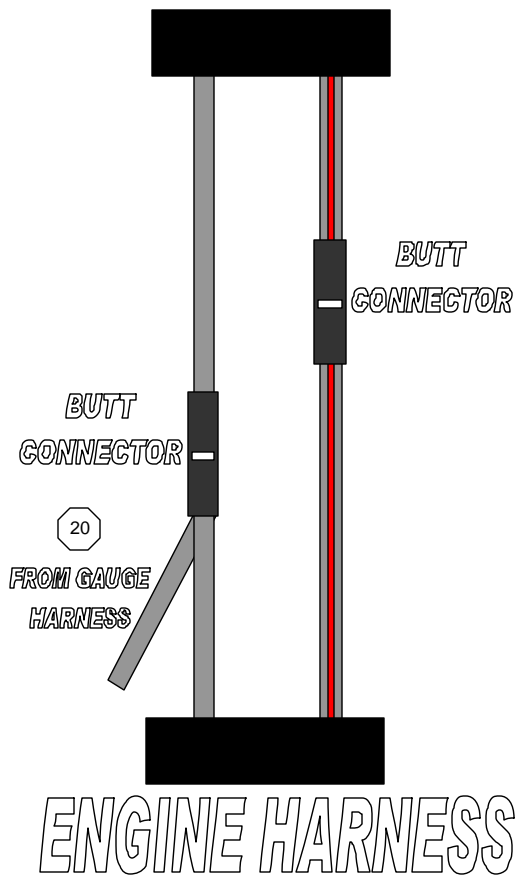
ITEM NUMBER



OPERATION



# TMAP HARNESS



These steps are only required if you will be connecting the Saleen boost and air charge temp gauge kit.

10

Using wire cutters, cut the gray wire with single pin connector off at the ACT sensor connector. Strip approximately 1/4in of insulation from the end of the gray wire. The wire will be inserted into the butt connector that will be used to connect the gray wires coming from the engine and TMAP harnesses on the next page.

20

Reconnect the single pin connector to the single pin connector on the gauge harness.

ITEM	PART NUMBER	QTY	DESCRIPTION

TORQUE

**SALEEN**

PROCESS NAME

PAGE

ACT GAUGE KIT WIRING

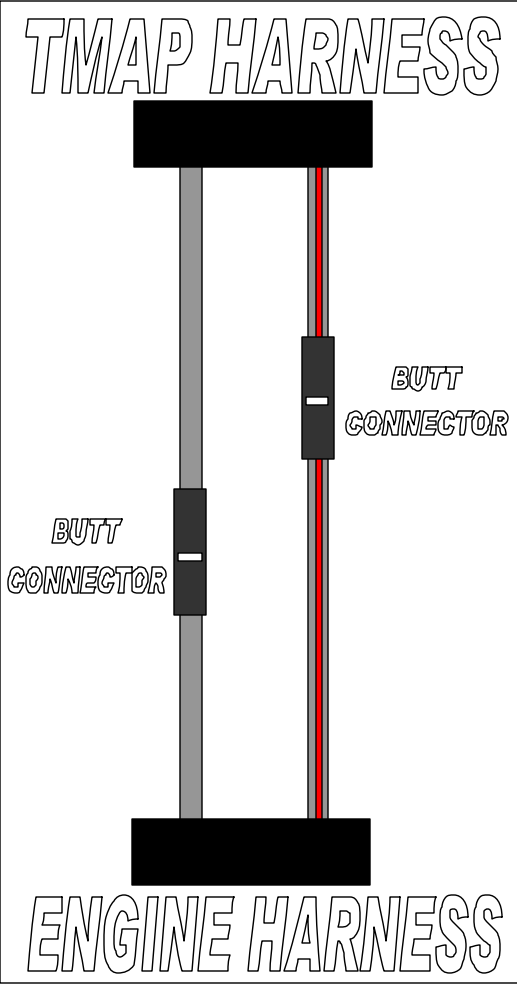
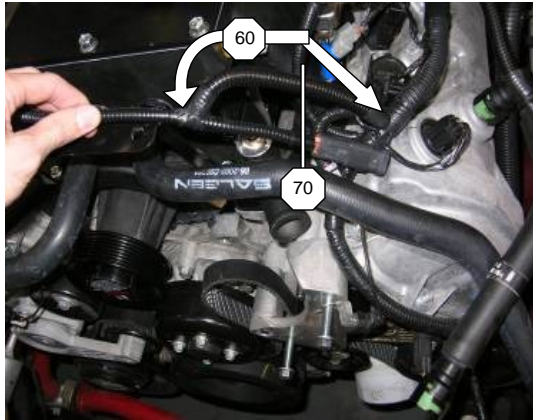
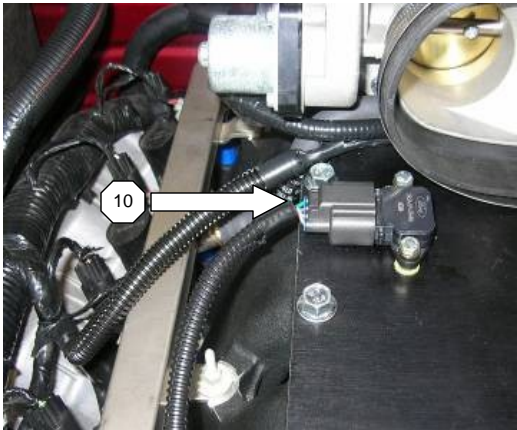
OPTIONAL

25

Notes:

This step is only required if you will be using the Saleen gauge pod kit including an ACT gauge.

Otherwise continue on in the manual.



- 10 Retrieve the TMAP sensor wiring harness (A), plug the 5-pin connector into the TMAP sensor, and route the harness around the front of the supercharger housing.
- 20 Untape the wiring convolute where the gray, gray with red stripe, and brown wires come out of the convolute. Tuck the brown wire back into the convolute, and retape the convolute.
- 30 Cut 3.5in from the gray and gray with red stripe wires, strip 1/4in of insulation off of each one, and crimp a butt connector (B) onto the end of both wires.
- 40 Cut two pieces of heat shrink off of the supplied length (C) and put one piece over the gray and gray with red wires coming from the driver side engine wiring harness.
- 50 Strip 1/4in of insulation off of the gray and gray with red stripe wires coming from the driver side engine wiring harness. Crimp the TMAP wires to the engine wiring harness wires, gray to gray and gray with red stripe to gray with red stripe.
- 60 Shrink the heat shrink using a small torch, lighter, or other heat source. Cut a 6in piece of 1/4in wiring convolute (D) from the supplied length and slip it over the exposed wires. Tape at both ends.
- 70 Using a 4in zip tie (E), tie the connector coming from the TMAP harness in place. It will not be used.

ITEM	PART NUMBER	QTY	DESCRIPTION
A	08-1704-B15501C	1	HARNESS, S331 TMAP SENSOR E
B	00-1704-C09260*	2	18 GAUGE, SEAMLESS BUTT CON
C	00-1703-C07082*	5in	HEAT SHRINK, DUAL WALL 1/4" B
D	00-1704-C15307*	6in	SLEEVING, CONVOLUTED 1/4" BL
E	069-700	1	4" ZIP TIE

Notes:

\_\_\_\_\_ If you wish to use the Saleen gauge kit with this supercharger kit, you will need to splice the gray wire

\_\_\_\_\_ coming from the TMAP sensor to the gray wire coming from the gauge pod harness.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





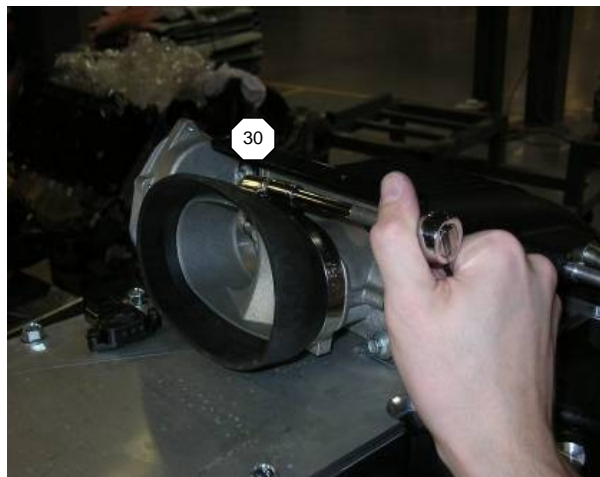
TORQUE



ITEM NUMBER



OPERATION



10

Retrieve the throttle body to airbox coupler **(A)** and 3.5-4.5in hose clamp **(B)**. Place the hose clamp over the smaller end of the coupler. You will need to gently bend the hose clamp so that it will take the oval shape of the coupler.

20

Push the smaller end of the coupler with the hose clamp installed over the throttle body until it contacts the coupler

30

Tighten the hose clamp, but do not get it so tight that the hose clamp cuts into the coupler.

ITEM	PART NUMBER	QTY	DESCRIPTION
<b>A</b>	00-9005-C18645*	1	HOSE CLAMP, 3.56IN TO 4.5IN SS
<b>B</b>	06-1602-C18638B	1	COUPLER, AIRBOX TO THROTTLE

TORQUE



SALEEN

PROCESS NAME

PAGE

THROTTLE BODY TO AIRBOX  
COUPLER INSTALLATION

27

Notes:

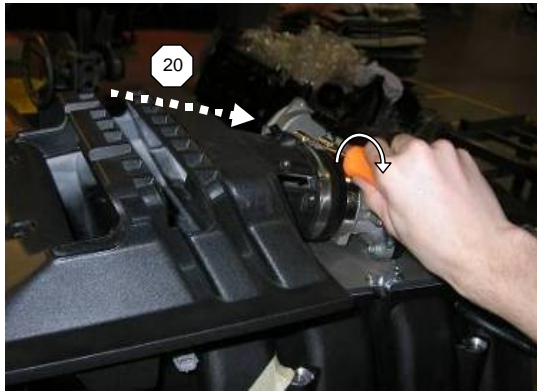
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- 10
- You will want to inspect the interior of the airbox for plastic shavings left by the trimming process. Blowing the airbox out with compressed air is the easiest method of clearing out the shavings.
- 20
- Retrieve the airbox (A) and carefully slide the MAF neck into the throttle body coupler after placing the 4-5in hose clamp (C) over the throttle body coupler. Tighten the hose clamp being careful not to get it so tight that the clamp cuts into the coupler. If the clamp is overtightened, the outlet of the airbox can be crushed.
- 30
- Retrieve the MAF sensor from the production airbox lid and two philips head M4 screws (B). Insert the MAF sensor into the rectangular opening in the airbox outlet neck with the arrow printed next to the electrical connector pointing towards the throttle body.

40

Connect the MAF sensor connector.

ITEM	PART NUMBER	QTY	DESCRIPTION
A	10-1602-B18440	1	SHAKER AIRBOX ASM
B	00-9001-C13829	2	MACHINE SCREW M4X0.7X6 ZN
C	00-9005-C18644	1	HOSE CLAMP, 4IN TO 5IN SS

Notes:

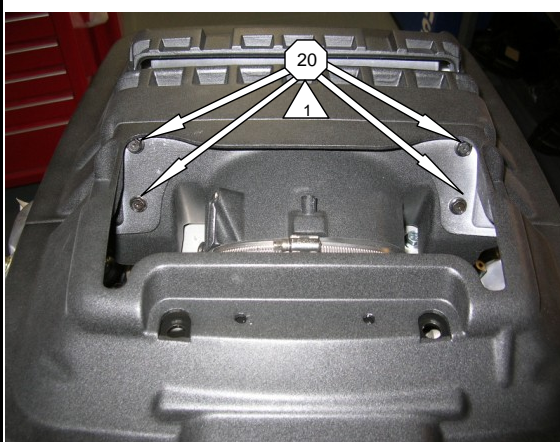
If you have purchased the Super Shaker kit for a standard 4.6L Mustang, Saleen 281 3-Valve or SC,

or Saleen Parnelli Jones Edition (PJ) you must reuse the production MAF sensor.

Saleen recommends always using the prefilter.

TORQUE	ITEM NUMBER	OPERATION	
	<b>10</b>		Locate the second molded intercooler to heat exchanger hose <b>(A)</b> .
	<b>20</b>		Cut the hose at the two locations specified in the picture.
	<b>30</b>		Discard the section of hose indicated as SCRAP.
	<b>40</b>		Using one of the hose spring clamps <b>(B)</b> , attach the indicated end of hose section 06-2003-C18845A to the left airbox drain. Orient the hose as shown. Zip tie the hose as shown.
	<b>50</b>		Using the other hose spring clamp <b>(B)</b> , attach the indicated end of hose section 06-2003-C18846A to the right airbox drain. Route the hose across the valve cover and ending behind the PCM. If your vehicle is equipped with a boost gauge kit, this drain hose will route underneath the sending unit.
<b>Notes:</b>  <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div>			
		<b>TORQUE</b>	  <b>PROCESS NAME</b>  <b>ARBOX DRAIN HOSE INSTALLATION</b>
			<b>PAGE</b>
			29





- 10 Retrieve the airbox closeout **(A)** that mates to the back of the main airbox. Position it at the back of the airbox.
- 20 Install the four M6x12mm flange head bolts **(B)** that attach the airbox closeout to the airbox. **Torque to 50inlb.** You will need to line up the edges of the closeout to airbox.
- 30 Install two M6x12 flange head bolts **(B)** that attach the airbox closeout to the rear airbox bracket. **Torque to 50inlb.**
- 40 Apply the airbox bulb seal starting at the back corner of the airbox closeout. Push the open square section over the airbox flange.
- 50 Continue the bulb seal around the airbox. Trim excess length if necessary.

ITEM	PART NUMBER	QTY	DESCRIPTION
A	10-1602-C18443	1	SHAKER CHARGER AIR BOX CLO
B	00-9001-C18649*	6	CAPSCRW HEX FLNG M6x1.0x12n

Notes:

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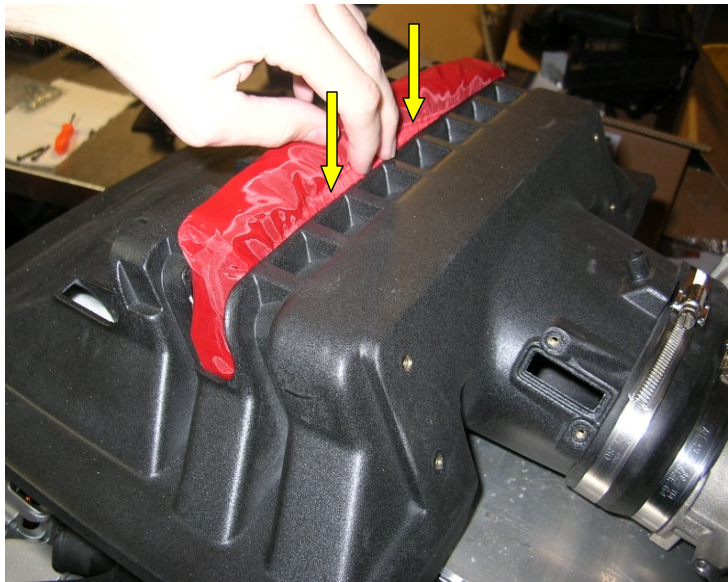
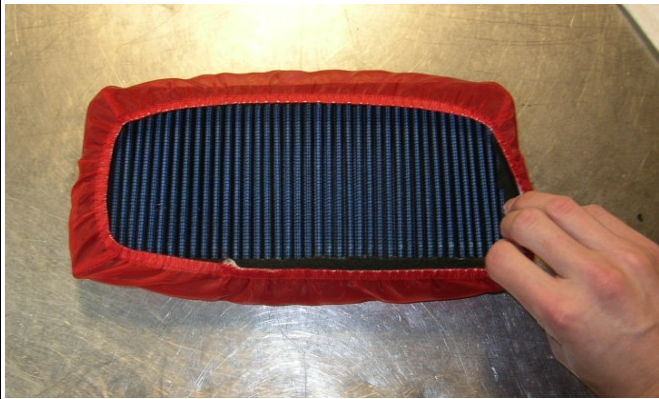
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- 10

Install the prefilter (A) over the air filter (B) by stretching the elastic band and slipping it over the air filter. It helps to start at one of the upper corners of the air filter and work towards the corner diagonally across from it. Be sure to put the prefilter on the side of the filter with the reliefs.
- 20

Install the air filter into the airbox by sliding it into the open slot in the top of the airbox. The side of the filter with the reliefs in the filter frame needs to face forwards. The top of the filter should be almost even with the top of the airbox. If the air filter is installed incorrectly, it will not be possible to install the air scoop.
- 30

While installing the air filter with the prefilter, you will need to tuck the top of the prefilter into the airbox to keep the prefilter from being torn.

**Note:** Saleen recommends using the air prefilter at all times. The prefilter is required for driving in rain.

Notes:

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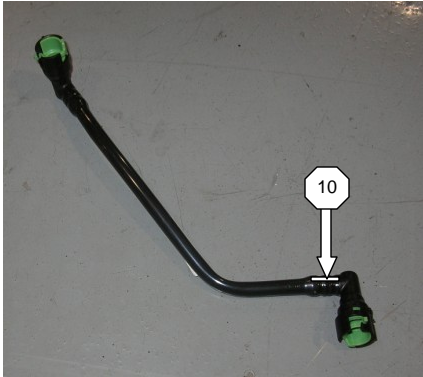
ITEM	PART NUMBER	QTY	DESCRIPTION	
A	06-1602-C18847	1	SHAKER PREFILTER	
B	10-1602-C18442	1	SHAKER CHARGER AIR FILTER	
TORQUE				
			PROCESS NAME	PAGE
			AIR FILTER AND PREFILTER INSTALLATION	31

TORQUE

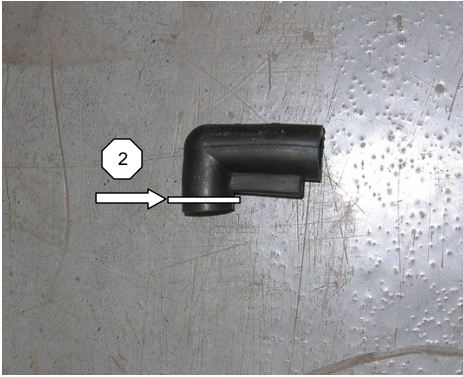
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ITEM NUMBER

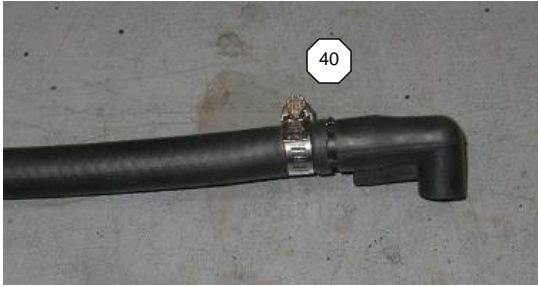
OPERATION




10



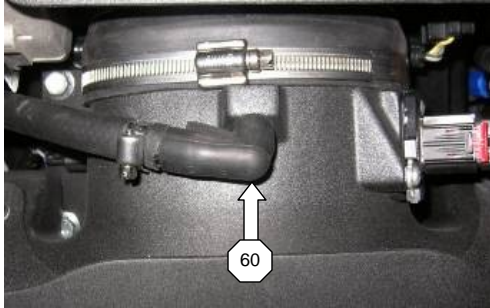
2




40



50



60



60

10

Retrieve the original PCV air makeup hose that ran from the air inlet duct to the passenger side valve cover. Using a razor knife, cut the tube to free one of the 90deg fittings from either end.

20

Locate the provided 90deg rubber coupler (A) and trim 5mm from the indicated end.

30

Insert the provided 3/8in male to 3/8in male coupler (C) into the indicated end of the 90deg coupler.

40

Insert the other end of the 3/8in male coupler into the provided 3/8in hose (B), and secure with a 3/8in hose clamp (D).

50


Retrieve the 90deg pushlock fitting that was removed from the original PCV air makeup tube in process 10, and insert it into the other end of the 3/8in hose.

60

Push the 90deg rubber coupler end of the PCV air makeup hose onto the fitting on the outlet neck of the airbox, and put the pushlock fitting on the other end onto the fitting on the passenger side valve cover.

ITEM	PART NUMBER	QTY	DESCRIPTION
A	00-9005-C18838	1	COUPLER, 3/8 RUBBER FORMED
B	00-9010-C07181	22	HOSE 3/8 RUBBER PCV/FUEL
C	00-9005-C18837	1	COUPLER, 3/8 TO 3/8IN HOSE BA
D	00-9005-C09464	1	CLAMP 1/2-25/32inch 5/16 WIDTH

TORQUE

SALEEN

PROCESS NAME

PCV AIR MAKEUP HOSE MODIFICATIONS AND INSTALLATION

PAGE

32-1

Notes:





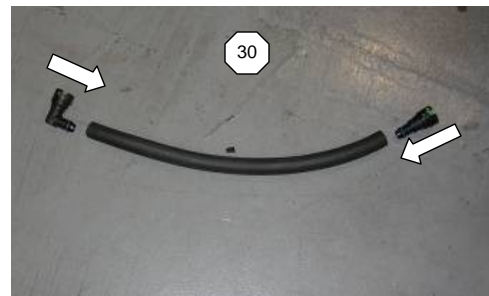
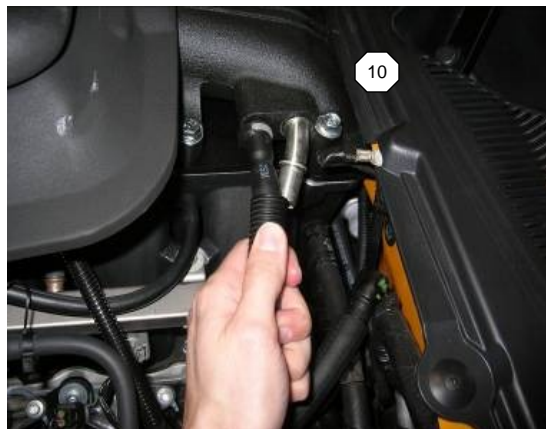
TORQUE



ITEM NUMBER



OPERATION



10

Connect the Evaporative Emissions fitting to the smaller fitting on the intake snorkel. This hose comes from the Evaporative Emissions valve found on the driver side strut tower.

20

Retrieve the original PCV tube that went from the driver side valve cover to the intake manifold. Using a razor knife, make a cut at either end by the fittings and pull the fittings out of the tube. Discard the tube.

30

Retrieve the length of 5/8in hose (A) and push the fittings from the original PCV tube into either end.

40

Push the 90deg PCV hose fitting onto the driver side valve cover fitting, and the straight fitting onto the larger fitting in the intake snorkel.

ITEM	PART NUMBER	QTY	DESCRIPTION
A	00-9010-C18822	16.75in	HOSE 5/8 RUBBER SAE30R7

TORQUE



SALEEN

PROCESS NAME

PAGE

PCV HOSE MODIFICATIONS AND  
INSTALLATION

32-2

Notes:

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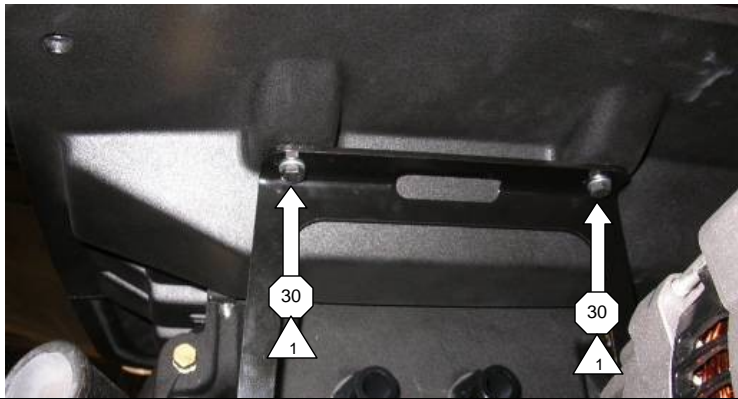
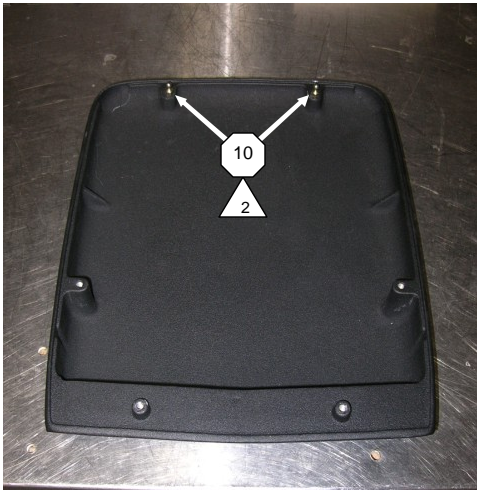
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Notes:

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- 10

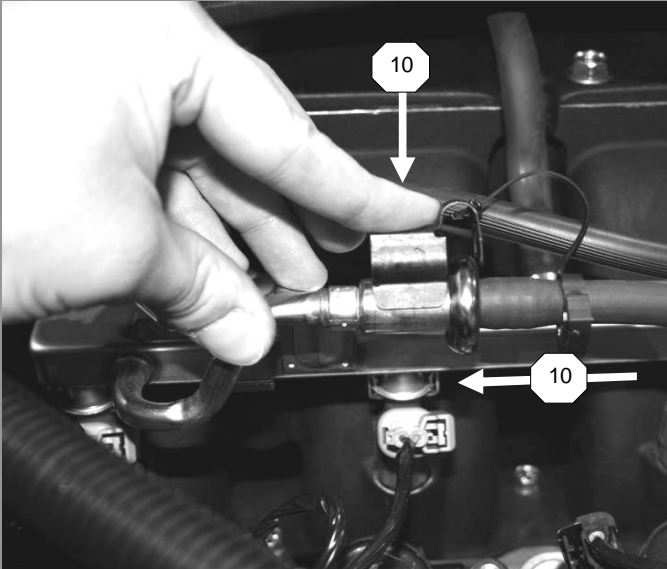

Retrieve the shaker scoop (A) and the two ballstuds (B). Place the scoop upside down on a cloth to protect the finish. Screw the ballstuds into the two rear holes in the scoop and **torque to 91inlb.**
- 20

Place the scoop over the airbox and press downward at the rear to seat the ballstuds into their sockets in the rear airbox bracket.
- 30

Retrieve the two M6x65mm hex head bolts (C) and two M6 flat washers (D). Slide one washer over each of the M6 bolts and insert the bolt upwards through the front airbox bracket and airbox, threading into the front bosses in the scoop. **Torque to 60inlb.**

ITEM	PART NUMBER	QTY	DESCRIPTION
A	06-1602-B18818	1	SUPER SHAKER SCOOP ASM
B	00-9006-C19132	2	BALLSTUD, M6x1.0x14mm
C	00-9001-C18832	2	CAPSCRW HEX HD M6x1.0x65mm
D	00-9004-C00296	2	WASHER FLAT M6 ST

TORQUE		SALEEN	
1	60inlb	PROCESS NAME  SHAKER SCOOP INSTALLATION	PAGE  33
2	91inlb		

TORQUE	ITEM NUMBER	OPERATION
		<div><div></div><div><div>10</div><div>Press the fuel line onto the fuel rail fitting located on the driver (LH) side. Press the locking clip over the connection to lock the fuel line into place.</div></div></div>
<div>Notes:</div> <div><div></div><div></div><div></div><div></div><div></div><div></div></div>		
TORQUE		<div><div> SALEEN</div><div><div>PROCESS NAME</div><div>RECONNECT FUEL FEED HOSE</div></div><div>PAGE</div></div>
		34





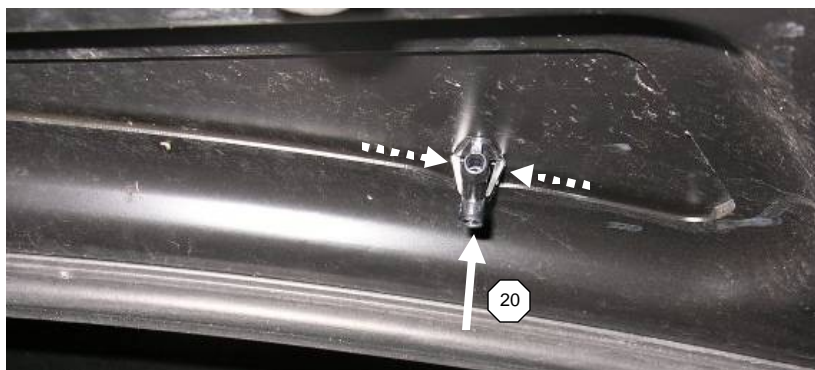
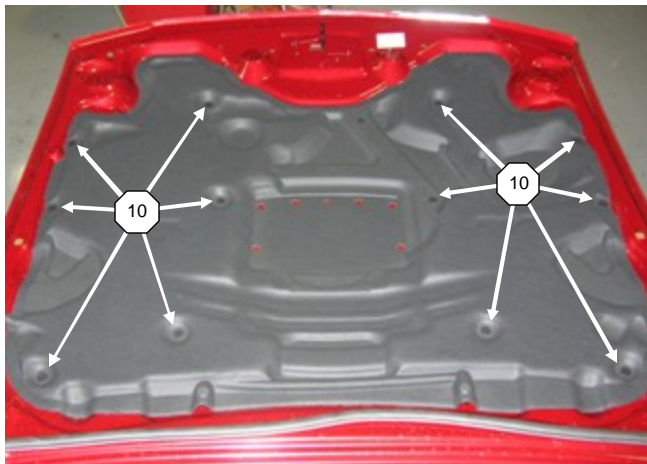
TORQUE



ITEM NUMBER



OPERATION



10

Remove the hood blanket by pulling the push-pins holding it to the inner structure of the hood.

20

Remove the windshield squirter by pressing the retaining tabs together and pushing upwards through the hood.

ITEM	PART NUMBER	QTY	DESCRIPTION

TORQUE



SALEEN

PROCESS NAME

PAGE

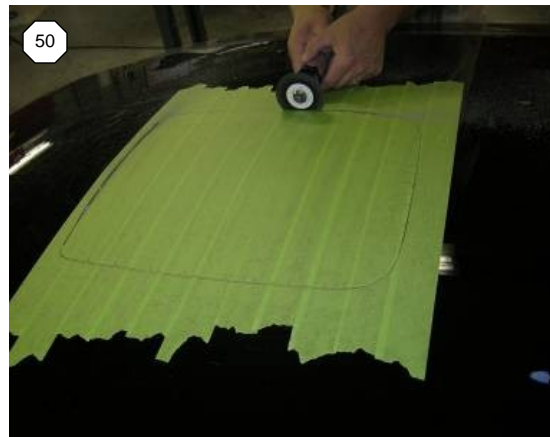
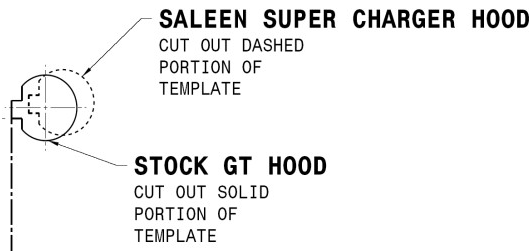
HOOD DISASSEMBLY

B

36-1

Notes:



- 10 Place the hood on a stand wide enough that the hood will not fall off if you accidentally bump into it.
- 20 Using painter's masking tape, tape over the center of the hood larger than the cutout will be.
- 30 Cut out the windshield squirter holes and shaker hole in the trim template (A) and tape down the template using the squirter holes to align the template to the hood. You should cut out the squirter holes shown in solid lines for the Mustang GT hood.
- 40 Carefully trace the shaker hole template onto the hood and remove the hole template.
- 50 Cut out the shaker hole as best as possible using a small air saw or, or a cutoff wheel for the more straight sections. The hood is aluminum and cuts easily.

ITEM	PART NUMBER	QTY	DESCRIPTION
A	10-3103-C18943	1	SHAKER HOOD HOLE TEMPLATE

Notes:

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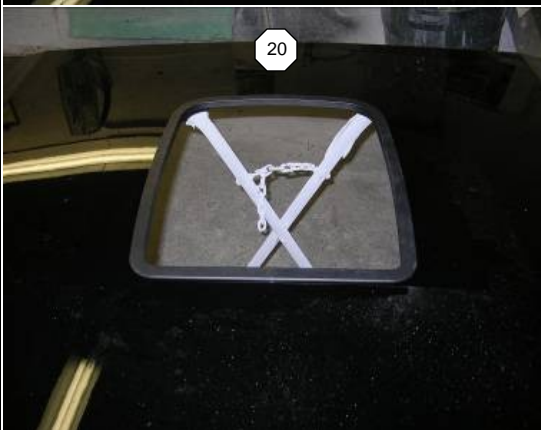
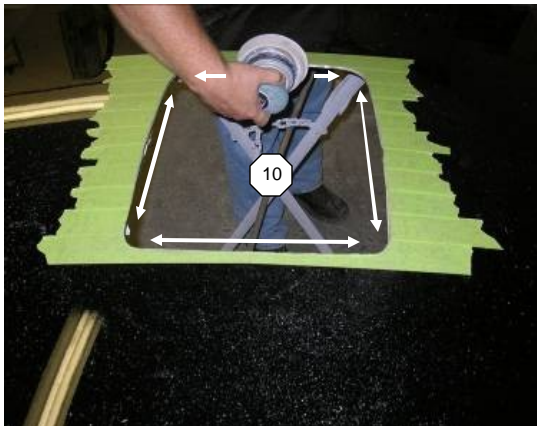
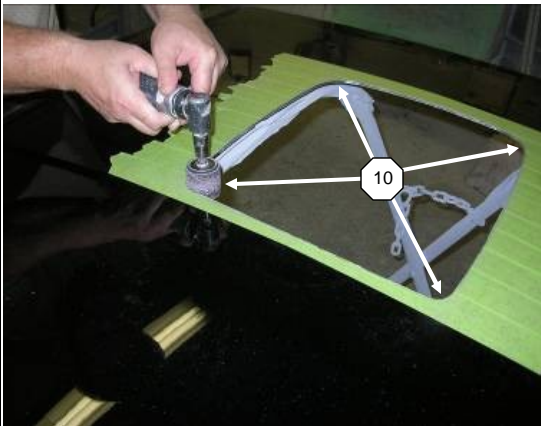
TORQUE



ITEM NUMBER



OPERATION



10

The hood hole will need to be ground smooth to even out any steps that can result from cutting the hood in several steps. A barrel grinder works well in the corners, and something large like an orbital sander with a foam pad helps even out the more straight sections.

20

Test fit the trim ring in the hole. The it should be a slip fit into the hole, without much effort. Additional grinding may be required to get proper fitment. Do not remove the backing from the trim tape that is already applied to the bottom of the trim ring flange yet.

30

Remove the trim ring and apply 3M Body Schutz to the raw cut edges of the hood to seal it.

ITEM	PART NUMBER	QTY	DESCRIPTION

TORQUE



SALEEN

PROCESS NAME

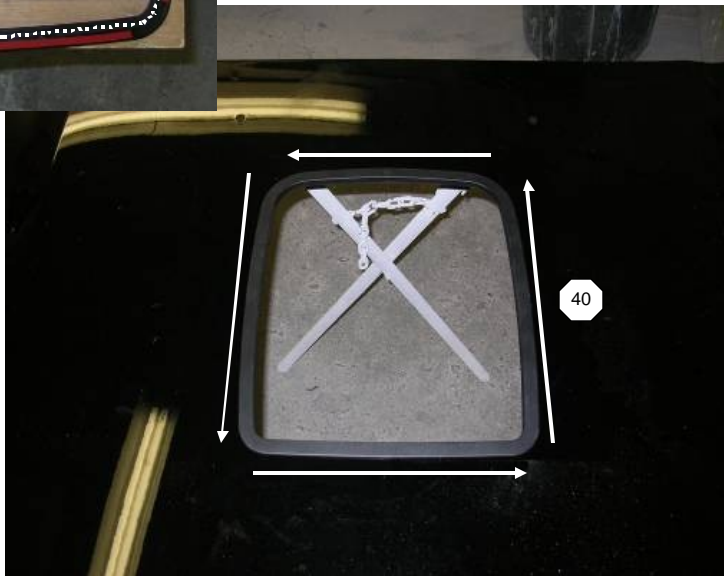
PAGE

HOOD MODIFICATIONS

B

36-3

Notes:

- 10 Clean the area round the surface of the hood that the trim tape on the trim ring flange will adhere to with an alcohol wipe. Allow the alcohol to dry before proceeding.
- 20 Remove the backing from the trim tape that is already applied to the bottom of the trim ring flange.
- 30 Apply a bead of urethane adhesive to the trim ring between the trim tape and the return flange. This is shown by the dashed white lines.
- 40 Set the trim ring into the hood and run your hands around the trim ring to make sure that all of the trim tape has contacted the hood surface.
- 50 Wipe off the excess urethane adhesive that may have squeezed between the edges of the hood hole and the trim ring return flange.

Notes:

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ITEM	PART NUMBER	QTY	DESCRIPTION



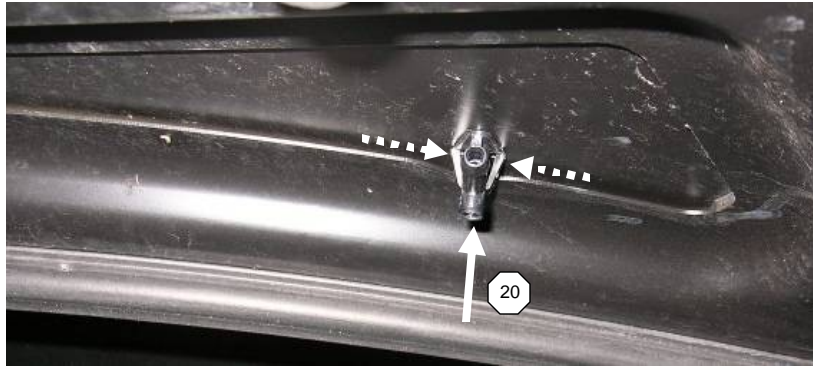
TORQUE



ITEM NUMBER



OPERATION



10

Remove the windshield squirters by pressing the retaining tabs together and pushing upwards through the hood.

ITEM	PART NUMBER	QTY	DESCRIPTION

TORQUE



SALEEN

PROCESS NAME

PAGE

HOOD DISASSEMBLY

E

36-1

Notes:

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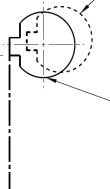

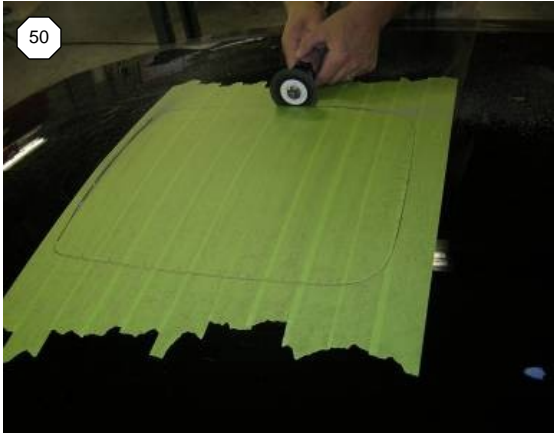



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TORQUE	ITEM NUMBER	OPERATION																																				
20																																						
30		 <p><b>SALEEN SUPER CHARGER HOOD</b> CUT OUT DASHED PORTION OF TEMPLATE</p> <p><b>STOCK GT HOOD</b> CUT OUT SOLID PORTION OF TEMPLATE</p> 																																				
40																																						
50																																						
10		Place the hood on a stand wide enough that the hood will not fall off if you accidentally bump into it.																																				
20		Using painter's masking tape, tape over the center of the hood larger than the cutout will be.																																				
30		Cut out the windshield squirter holes and shaker hole in the trim template (A) and tape down the template using the squirter holes to align the template to the hood. <u>You should cut out the squirter holes shown in dashed lines for the Saleen supercharged hood.</u>																																				
40		Carefully trace the shaker hole template onto the hood and remove the hole template.																																				
50		Cut out the shaker hole as best as possible using a small air saw or, or a cutoff wheel for the more straight sections. The hood is aluminum and cuts easily.																																				
<table border="1"> <thead> <tr> <th>ITEM</th> <th>PART NUMBER</th> <th>QTY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>10-3103-C18943</td> <td>1</td> <td>SHAKER HOOD HOLE TEMPLATE</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			ITEM	PART NUMBER	QTY	DESCRIPTION	A	10-3103-C18943	1	SHAKER HOOD HOLE TEMPLATE																												
ITEM	PART NUMBER	QTY	DESCRIPTION																																			
A	10-3103-C18943	1	SHAKER HOOD HOLE TEMPLATE																																			
<table border="1"> <thead> <tr> <th colspan="2">TORQUE</th> <th colspan="2">  <b>SALEEN</b> </th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td>PROCESS NAME</td> <td>PAGE</td> </tr> <tr> <td> </td> <td> </td> <td>HOOD MODIFICATIONS</td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td>SALEEN S-SERIES KITS</td> <td><b>E</b></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td>36-2</td> </tr> </tbody> </table>			TORQUE		 <b>SALEEN</b>				PROCESS NAME	PAGE			HOOD MODIFICATIONS				SALEEN S-SERIES KITS	<b>E</b>				36-2																
TORQUE		 <b>SALEEN</b>																																				
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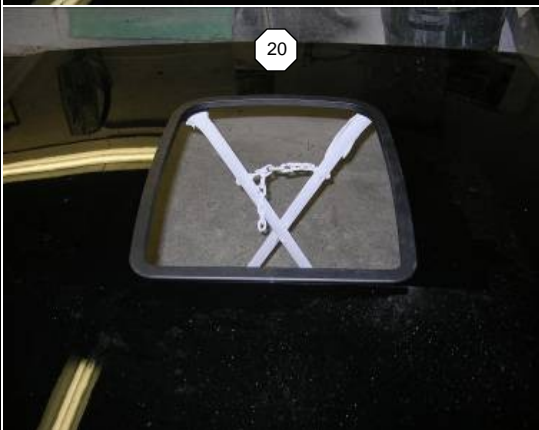
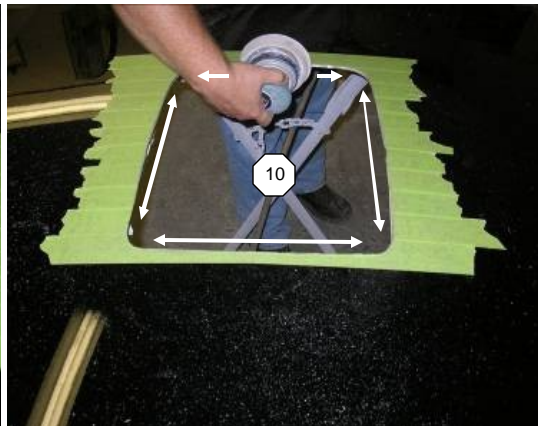
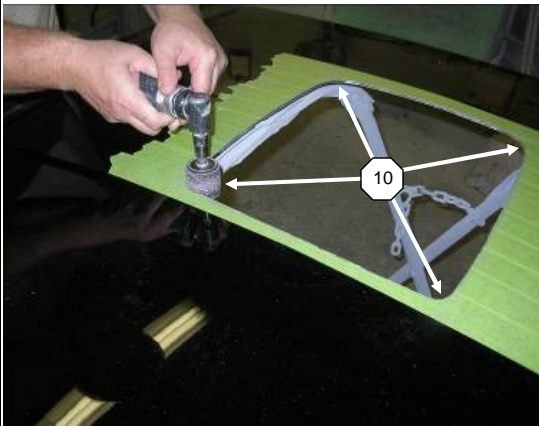
TORQUE



ITEM NUMBER



OPERATION



10

The hood hole will need to be ground smooth to even out any steps that can result from cutting the hood in several steps. A barrel grinder works well in the corners, and something large like an orbital sander with a foam pad helps even out the more straight sections

20

Test fit the trim ring in the hole. The it should be a slip fit into the hole, without much effort. Additional grinding may be required to get proper fitment. Do not remove the backing from the trim tape that is already applied to the bottom of the trim ring flange yet

30

Remove the trim ring and apply 3M Body Schutz to the raw cut edges of the hood to seal it.

ITEM	PART NUMBER	QTY	DESCRIPTION

TORQUE



SALEEN

PROCESS NAME

PAGE

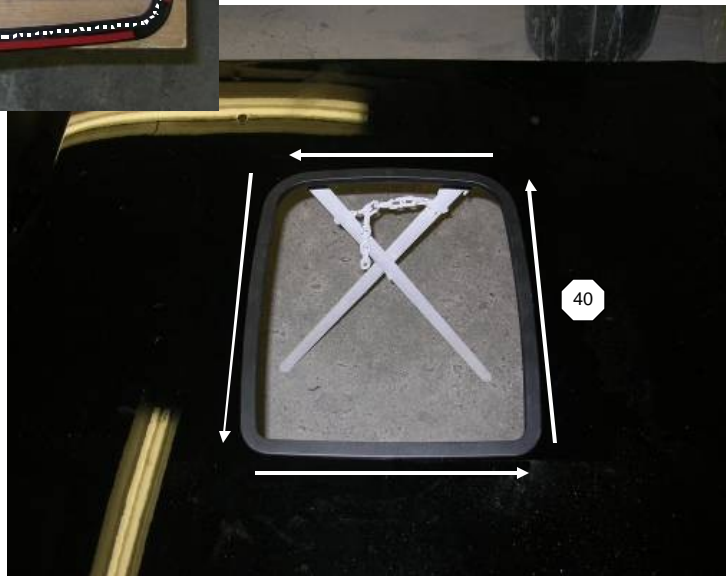
HOOD MODIFICATIONS

E

36-3

Notes:



- 10 Clean the area round the surface of the hood that the trim tape on the trim ring flange will adhere to with an alcohol wipe. Allow the alcohol to dry before proceeding.
- 20 Remove the backing from the trim tape that is already applied to the bottom of the trim ring flange.
- 30 Apply a bead of urethane adhesive to the trim ring between the trim tape and the return flange. This is shown by the dashed white lines.
- 40 Set the trim ring into the hood and run your hands around the trim ring to make sure that all of the trim tape has contacted the hood surface.
- 50 Wipe off the excess urethane adhesive that may have squeezed between the edges of the hood hole and the trim ring return flange.

Notes:

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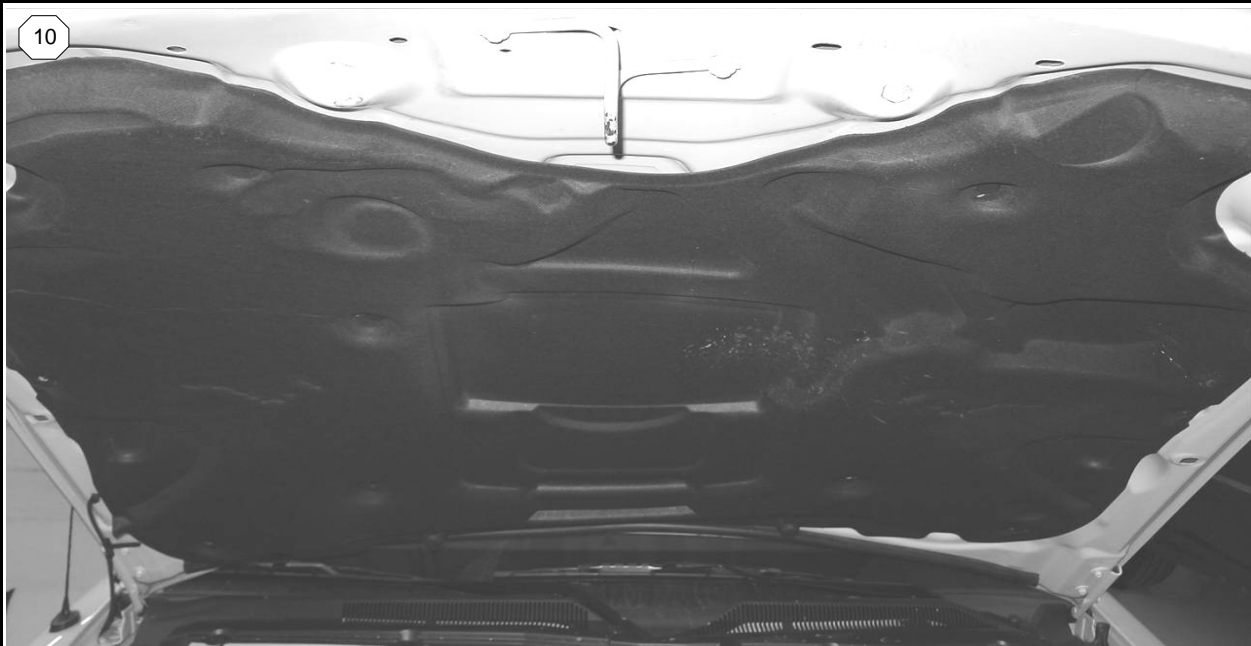
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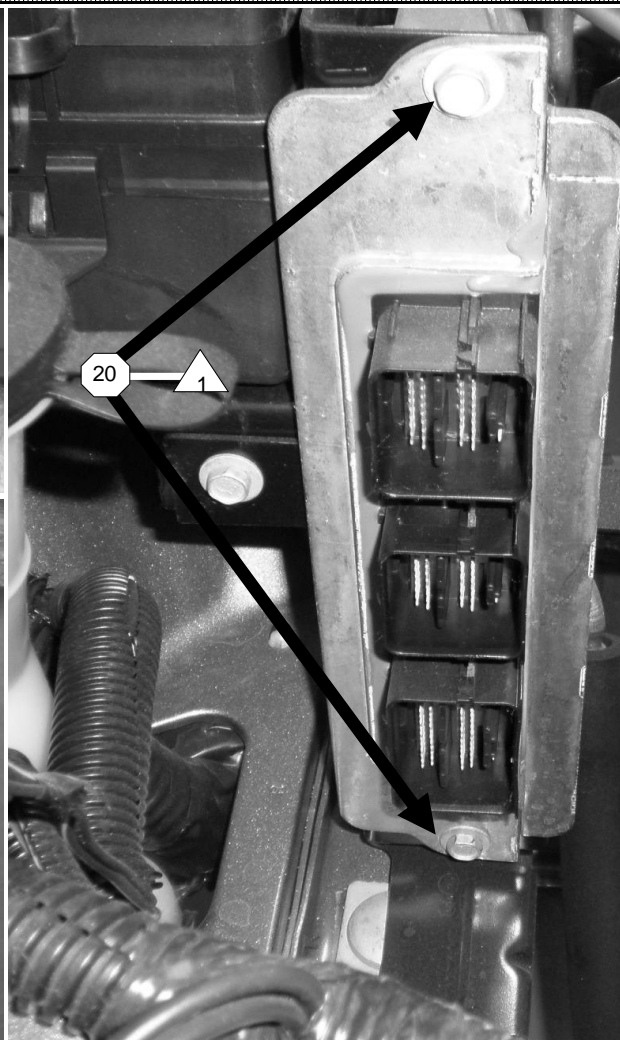
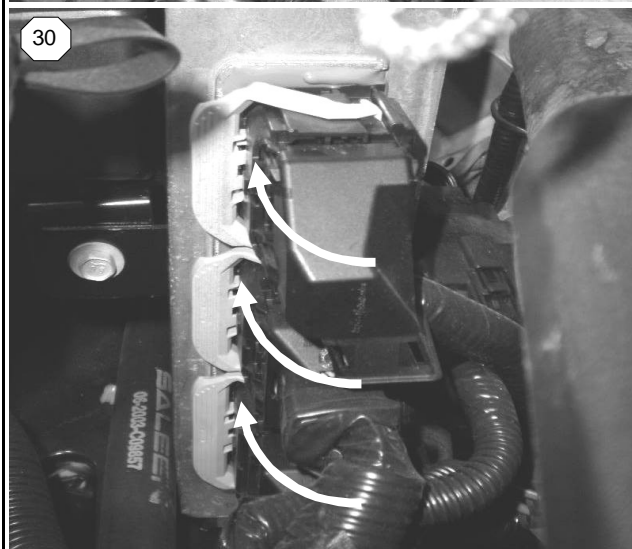
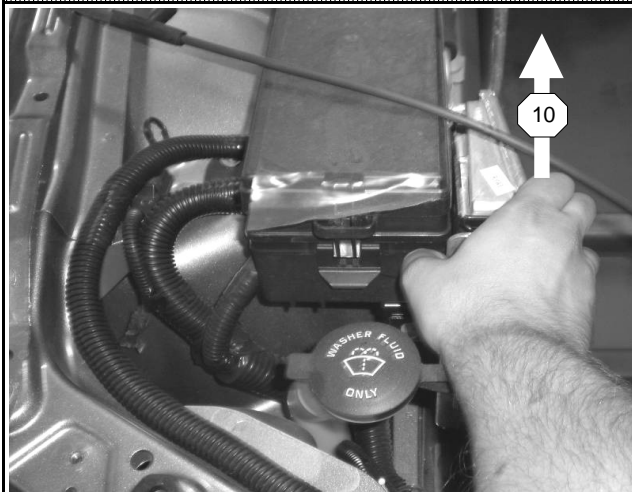


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ITEM	PART NUMBER	QTY	DESCRIPTION



TORQUE	ITEM NUMBER	OPERATION																																									
																																											
10		<p><b>NOTICE:</b> When installing the hood, use atleast 1 additional person to help hold the hood in place. Trying to hold the hood and start the hinge bolts without help might result in injury or damage to the hood and vehicle.</p>																																									
10		Lift each hood hinge upward. Position the hood so that the angle of the hood matches the hinges. Bring the hood in contact with each hinge and line up the holes. Hand start the four 10mm hinge bolts. Once the bolts have been started (atleast 4 threads per bolt), the hood can then be held up by the prop rod.																																									
20		Tighten the four 10mm hinge bolts (2 per hinge) to <b>14 Lb-ft +/- 2 Lb-ft</b> with a torque wrench.																																									
30		Take the windshield sprayer line and press the 2 line clips back into the holes in the hood.																																									
40		Press the winshield sprayer line T-fitting and elbow back into the sprayer nozzles.																																									
<p><b>NOTICE:</b> If the hood liner was partially or completely removed, position the liner and re-install the liner tree clips.</p>																																											
<table><thead><tr><th>ITEM</th><th>PART NUMBER</th><th>QTY.</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>				ITEM	PART NUMBER	QTY.	DESCRIPTION																																				
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<table><thead><tr><th colspan="2">TORQUE</th><th colspan="2">SALEEN</th></tr></thead><tbody><tr><td>1</td><td>14 +/- 2 Lb-ft</td><td>PROCESS NAME</td><td>PAGE</td></tr><tr><td> </td><td> </td><td rowspan="4">INSTALL HOOD</td><td rowspan="4">37</td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table>				TORQUE		SALEEN		1	14 +/- 2 Lb-ft	PROCESS NAME	PAGE			INSTALL HOOD	37																												
TORQUE		SALEEN																																									
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		INSTALL HOOD	37																																								
<div>Notes:</div> <div></div> <div></div> <div></div> <div></div> <div></div>																																											



- 10

Retrieve the Saleen programmed PCM. Slide the PCM back into the PCM bracket (pushing it rearward).

20

Install the two 10mm bolts holding the module in place. Tighten the bolts with a torque wrench to **62 Lb-in +/- 9.3 Lb-in**

30




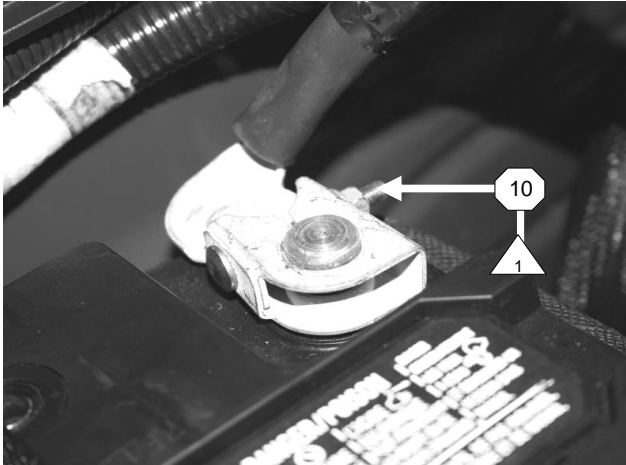








Plug the three harness connectors into their respective locations by pushing them into the connector and pushing the locking tab towards the PCM. This will lock them into place.
- STOP

**WARNING!** Install a Saleen programmed PCM**ONLY!**

ITEM	PART NUMBER	QTY.	DESCRIPTION

Notes:

TORQUE		<div style="display: flex; align-items: center;"> <div>SALEEN</div> </div>	
▲	1		
	62 +/- 9.3 Lb-in	PROCESS NAME	PAGE
		RE-INSTALL SALEEN PROGRAMMED PCM	38

 TORQUE	 ITEM NUMBER	 OPERATION																																					
																																							
<div><div></div><div>NOTICE: No smoking, flames, or sparks around the battery. Batteries can give off fumes that are flammable and may ignite if there is any form of spark or open flame near it.</div></div> <div><div></div><div>Connect the negative battery cable to the negative battery post (the remaining post). Using an 8mm socket, tighten the clamp to <b>71 Lb-in +/- 10.6 Lb-in</b> with a torque wrench.</div></div>																																							
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<div><div>TWO HOLES</div><div><div>30</div><div>91 OCTANE MINIMUM</div></div></div>		<div><div>40</div><div></div></div>																																	
<div><div>30</div><div>HOOD STOP PAD</div></div>																																			
<div>NOTICE: Clean all surfaces with an alcohol wipe, that a decal will be attached to ensure proper adhesion.</div> <div><div>10</div><div>Open the fuel door and install the 91 octane fuel label(A) onto the back side of the fuel door as shown. Make sure the right edge of the sticker meets the right hole in the inner fuel door skin.</div></div> <div><div>20</div><div>Open the hood and locate the oil filler neck cap (on the passenger (RH) side cam cover). Install the oil weight sticker (B) onto the oil filler neck cap making sure it is straight.</div></div> <div><div>30</div><div>Apply the belt routing decal (C) onto the underside of the hood on the passenger (RH) side of the hood hoop. The label should be forward of the hood stop pad between the 2 holes in the inner skin.</div></div>																																			
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## Post-Installation Review

Listed below is important information about your supercharger kit. Please take the time to read the information provided. If you are installing this kit, and not the vehicle owner, please keep this page with the vehicle for the vehicle owner to review.

### Post-Installation Review:

- Make sure that all electrical connections have been made
- Check the vehicle for any coolant or fuel leaks
- Verify that the intercooler water pump is running when the engine is running.
- Verify that all hazard lights (turn signals, parking lights, fog lights, etc.) are working properly.

### Engine Maintenance & Care:

- Use **91 Octane fuel** or higher when re-fueling the vehicle.
- Use **5w-30** weight motor oil (of the **highest SAE rating**) in the engine instead of the stock recommended weight. As long as the engine is past the manufacturer recommended break-in, Saleen recommends synthetic motor oil.
- Change the motor oil & filter every **3,000 miles**. Oil capacity with filter change is 6 quarts.
- Change the spark plugs\* every **30,000 miles**.
- Clean and re-oil the air filter every **5,000 miles**.
- Fill the intercooler system with a **50/50 mixture** (anti-freeze / water)

\*Saleen recommends the use of HTO spark plugs (Saleen Part# 00-1601-C13394\*) with this kit, if your vehicle is produced from 2005 to early model year 2008. The HTO spark plug will not fit vehicles produced after December 1<sup>st</sup> 2007. To verify if your vehicle will accept HTO spark plugs, inspect a spark plug coil. If the coil has a brown plastic sleeve, HTO plugs are not available. If the coil is all black and does not have a brown sleeve, HTO plugs can be ordered through Saleen for your vehicle.

### Contact Information:

If you have any additional questions or concerns about your new Saleen supercharger kit, please feel free to contact us.

- **Front Desk:** 1-248-743-4800
- **Tech Support:** 1-800-888-8945 (option 4)

Again, Saleen would like to thank you for buying a Super Shaker Upgrade Kit. We hope you enjoy your new product, and will consider us for all your future aftermarket needs.