



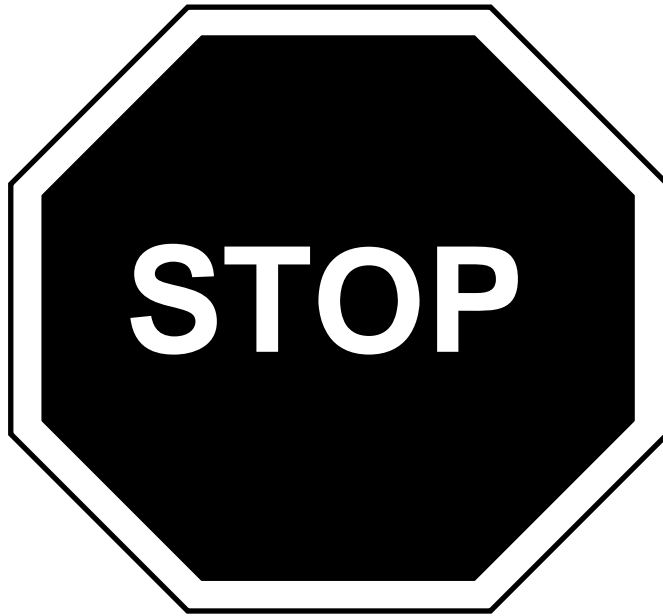
Tensioner Brace Kit



INSTALLATION MANUAL: 2005-2009 Saleen and Ford Models

P/N: 10-8002-C18600A

Saleen Performance, Inc.
800-888-8945
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.**



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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.

*This instruction manual consists of the two most likely vehicle types for this kit (Saleen & 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 using a 2008 Ford Mustang GT and a Saleen S281 SC as an example.

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



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 with the parking brake on), and is sitting on a level surface. 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. Failure to do so may result in carbon monoxide poisoning.

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



**Tensioner Brace Kit
Installation Guide for the 2005 to 2008 Mustang**

WELCOME!

Thank you for buying a Saleen Tensioner Brace 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 the tensioner brace 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 Mustang.

Again, thank you for choosing Saleen!



PARTS INCLUDED IN TENSIONER BRACE KIT:

10-1604-B18601	TENSIONER BRACE ASM A/M	1	EACH
	00-1604-B17826	TENSIONER BRACE ASSY 2008 302 SUPERCHARGED	1 EACH
	00-1604-C17823	Tensioner Brace Black .45" Thick	1 EACH
	00-9001-C17824	Skt HD Capscrew M8x1.25x65mm	3 EACH
	00-9004-C00174	Washer Flat M8 ST	3 EACH
	00-1604-C17825	Spacer Alum 18.5mm OD x 22mm	3 EACH
	10-8002-C18600	INSTALLATION MANUAL, TENSIONER BRACE ASM	1 EACH



TOOLS REQUIRED FOR KIT INSTALLATION:

1/2" - Drive Breaker Bar	3/8" - Drive 6mm Allen Socket
3/8" - Drive Torque Wrench	3/8" - Drive 10mm Deep Socket
3/8" - Drive Ratchet	1/4" - Drive 5/16" Socket
1/4" - Drive Ratchet	
1/4" - Drive Extension	
Grinder (Dremel with suitable burr will work)	

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 or equivalent



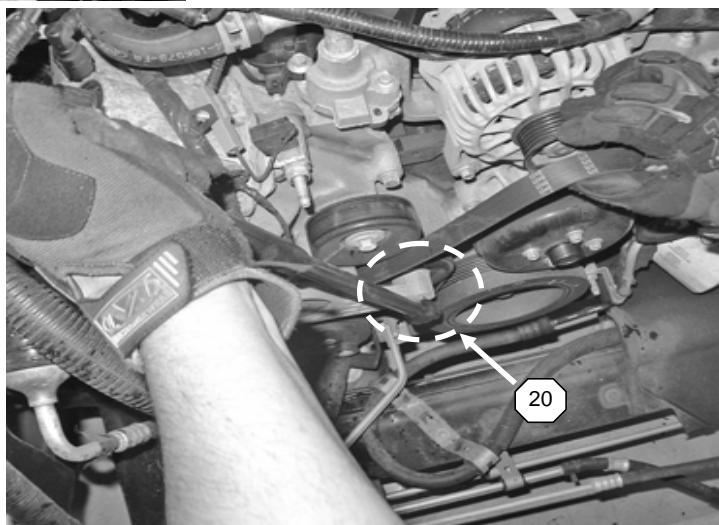
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ITEM NUMBER



OPERATION




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Remove the zip tube by releasing the clamps at either end of the zip tube with a 5/16" socket, and disconnect the PCV fitting.

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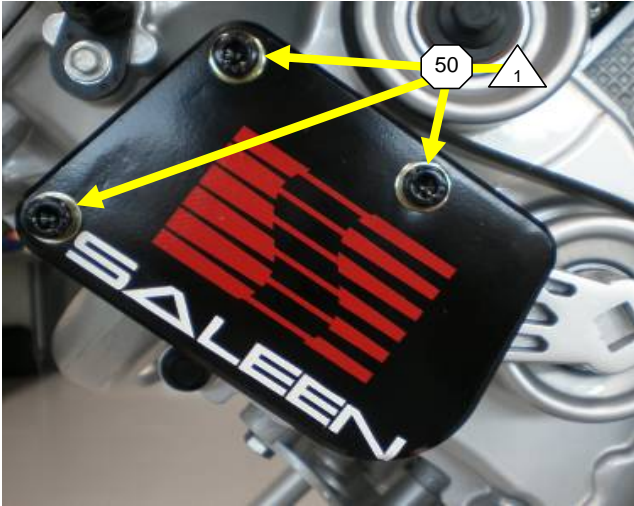
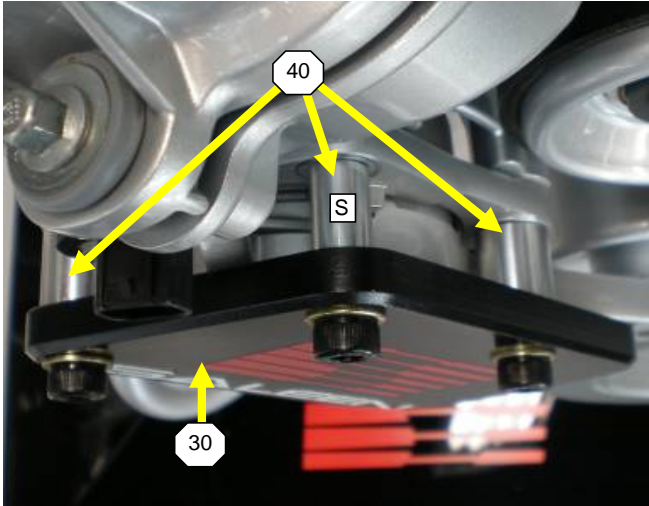
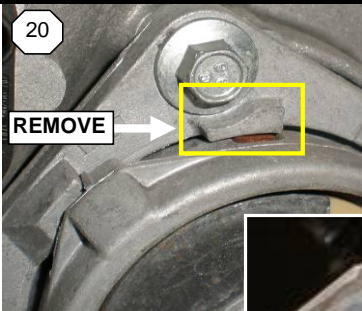
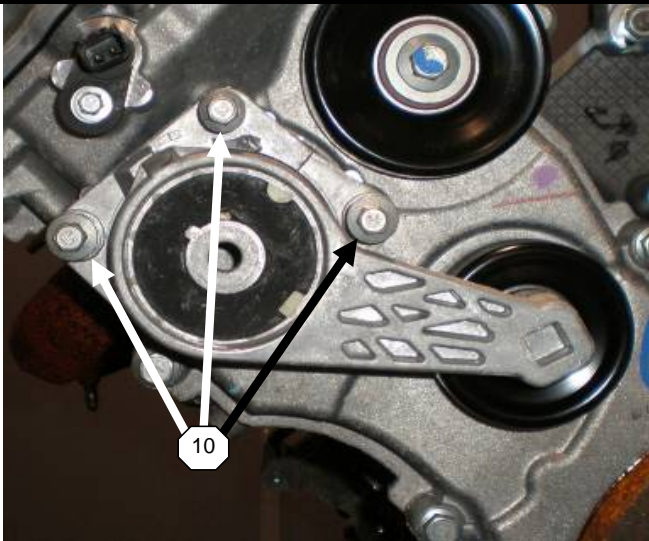
Use a 1/2" drive breaker bar to release belt tension and slip the serpentine belt off of the tensioner pulley.






ITEM	PART NUMBER	QTY.	DESCRIPTION
TORQUE			
		PROCESS NAME	PAGE
		ZIP TUBE & FEAD BELT REMOVAL	1





Notes:

The zip tube pictured is a Saleen S281 Supercharged unit. Your zip tube may be different depending on which Saleen model you have, or if you have installed an aftermarket air intake system. The tools required to remove and reinstall the zip tube may be different.

 TORQUE	 ?	ITEM NUMBER	 OPERATION
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 10	Remove the factory belt tensioner from the engine front cover by removing the 3 mounting bolts with a 10mm socket.
 20	Once the tensioner is removed, carefully grind off the tensioner arm stop located below the top mounting hole on the tensioner assembly.
 30	Set the factory tensioner assembly into place on the front engine cover. Place the tensioner cover (A) (beveled edge facing outward) over the factory tensioner assembly and line up the holes.
 40	Apply blue Loctite (#242) to the threads of the three bolts (B) for the tensioner. Slide the 3 washers (1 per bolt) (C) onto the bolts. Slide each spacer (3 total) (D) between the tensioner plate and tensioner. Make sure the 1 smaller diameter spacer is used for the top mounting hole, indicated by an (S) in the picture. Then insert and hand start each bolt with washer through the tensioner plate, spacer, tensioner, and into the front engine cover.
 50	Torque each tensioner bolt to <u>18ftlb +/- 2.7ftlb</u> with the 6mm allen drive socket.

ITEM	PART NUMBER	QTY.	DESCRIPTION
 A	00-1604-C17823	1	Tensioner Brace Black .45" Thick
 B	00-9001-C17824	3	Skt HD Capscrew M8x1.25x65mm
 C	00-9004-C00174	3	Washer Flat M8 ST
 D	00-1604-C17825	3	Spacer Alum 18.5mm OD x 22mm

Notes:

Your tensioner brace plate will not have a Saleen logo on it.

TORQUE		 SALEEN	
 1	18 +/- 2.7 Lb-ft	PROCESS NAME	PAGE
		TENSIONER BRACE INSTALLATION	2



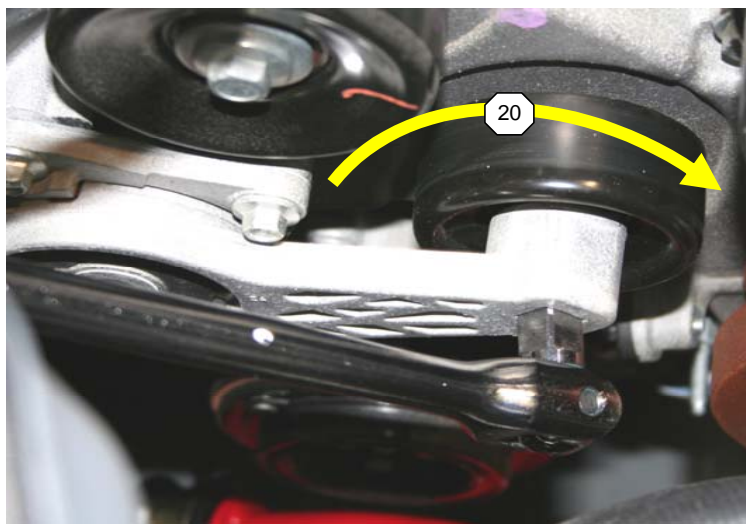
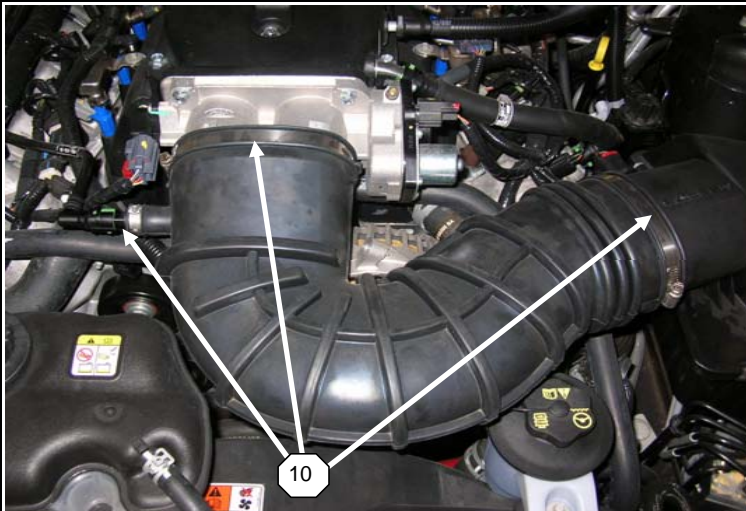
TORQUE

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ITEM NUMBER



OPERATION




10

Install the zip tube by tightening the clamps at either end of the zip tube with the 5/16" socket, and connecting the PCV fitting.

20

Use a 1/2" drive breaker bar to rotate the tensioner to its compressed position, and reinstall the belt.

ITEM	PART NUMBER	QTY.	DESCRIPTION
TORQUE			SALEEN
		PROCESS NAME	PAGE
		ZIP TUBE & FEAD BELT INSTALLATION	3

Notes:
