



## INSTALLATION INSTRUCTIONS

50168

### FRONT ANTI-SWAYBAR

'96 - '00 HONDA CIVIC

**Congratulations! You were selective enough to choose a SUSPENSION TECHNIQUES PRODUCT. We have spent many hours developing our line of products so that you will receive maximum performance with minimum difficulty during installation.**

- Note: Confirm that all of the hardware listed in the parts list is in the kit. Do not begin installation if any part is missing. Read the instructions thoroughly before beginning this installation.
- Warning: Do not work under a vehicle supported by only a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.
- Warning: Do not drive vehicle until all work has been completed and checked. Torque all hardware to values specified.
- Reminder: Proper use of safety equipment and eye/face/hand protection is absolutely necessary when using these tools to perform procedures!
- Note: It is very helpful to have an assistant available during installation.

#### **RECOMMENDED TOOLS:**

- Properly rated floor jack, support stands, and wheel chocks
- Combination wrench set
- Ratcheting socket wrench and socket sets
- Safety Glasses

#### **KIT INSTALLATION**

1. Open the hardware kit and remove all of the contents. Refer to the part list (Page 3) to verify that all parts are present.
2. Park the vehicle on a smooth, level concrete or seasoned asphalt surface and activate the parking brake. Block the REAR wheels of the vehicle with appropriate wheel chocks; making sure the vehicle's transmission is in 1<sup>st</sup> gear (manual) or "Park" (automatic).
3. Using a properly rated floor jack, lift the front wheels of the vehicle off the ground. Place support stands, rated for the vehicle's weight, and in the factory specified locations. Refer to the vehicle Owner's Manual. Prior to lowering the vehicle onto the stands, make sure the supports will securely contact the chassis.
4. It is very important that the vehicle is properly supported during this installation to prevent personal injury and chassis damage! Make sure that the supports stands are properly placed prior to performing the following procedures. We DO NOT recommend using wheel ramps while performing this installation.

5. Slowly lower the vehicle onto the stands and, before placing the vehicle's entire weight on them, again check that they properly and securely contact the chassis as described above. Check for possible interference with any lines, wires, cables, or other easily damaged components.
6. **CAUTION: EXHAUST MAY BE EXTREMELY HOT. ALLOW THE CAR TO COOL FOR AT LEAST ONE HOUR BEFORE ATTEMPTING TO CONTINUE.**
7. Loosen and remove the three nuts holding the exhaust pipe to the rear of the catalytic converter. Pull the exhaust pipe off the catalytic converter and allow the converter to droop. Remove the shift stabilizer bar from the rear of the transmission and the shift linkage bar from the base of the shift lever. Allow these to droop as well.
8. Thoroughly lubricate the **inside** of your urethane bushings using the lubricant provided in the kit. Place the bushings on the new anti-sway bar in the factory location. (Refer to diagram #50167-886)
9. Position your new Suspension Techniques anti-sway bar in the factory location (see diagram #50167-886) and secure it with the new bushing brackets, spacer blocks, 8mm bolts and washers. Tighten the bolts to approximately 18 ft/lbs of torque.
10. Clamp the end link adapter brackets around the control arms, using the bolts, nuts, washers and spacers provided. (Refer to the diagram fig.2 and fig.3) Do not tighten the hardware yet.
11. Assemble the end links as shown in the diagram (fig.1), fasten the ends of the new anti-sway bar to the adapter brackets and hand tighten the bolts. Install the wheels and lower the vehicle to the ground. Position the adapter brackets on the control arms so that the end links are as vertical as possible. Tighten the bolts on the adapter bracket to 35-40 ft/lbs of torque.
12. Jack up the vehicle; reconnect the shift linkage back to the base of the shift lever and the shift stabilizer bar to the rear of the transmission. Reconnect the exhaust pipe up to the rear of the catalytic converter and tighten the nuts to manufacturer's specification.
13. Check that all components and fasteners have been properly installed, tightened and torqued.
14. Check brake hoses, steering and other components for any possible interference.
15. Lift vehicle and remove support stands. Carefully lower vehicle to ground.
16. Immediately test-drive the vehicle in a remote location so that you can become accustomed to the revised driving characteristics and handling. Be aware that the vehicle will handle substantially different now that it has been modified.
17. Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.

## PARTS LIST FOR 50168 ANTI-SWAY BAR KIT

PART No.	DESCRIPTION	QTY.
50167-300	Front ASB	1
113042	PIVOT BUSHING	2
113001	END LINK GROMMET	8
114030	BUSHING BRACKET	2
50167-051	ALUMINUM SPACER BLOCK- LEFT	1
50167-052	ALUMINUM SPACER BLOCK- RIGHT	1
112008	8MM-1.25 X 30MMHHCS	2
112010	8MM-1.25 45mm HHCS	2
110204	5/16 SAE FLAT WASHER	4
112518	3/8" USS FLAT WASHER	4
110255	3/8" - 16 NYLOCK NUT	4
112504	CUP WASHER	8
112116	3/8" - 16 x 3 3/4" HHCS	2
112444	3/8" x 1/2" SPACER	2
55305-005	END LINK ADAPTER BRACKET	2
112402	SPACER	2
112102	3/8" - 16 x 2" HHCS	2
55000-10	Grease Pack	1

