



INSTALLATION INSTRUCTIONS

Congratulations – your new Work-Rite load assists are quality products capable of improving the handling and comfort of your vehicle while under load. As with all products, proper installation is the key to obtaining all of the benefits your kit is capable of delivering. Please take a few minutes to read through the instructions to identify the components and learn where and how they are used. It is a good idea to start by comparing the parts in your kit with the parts list below.

NOTE: IF ANY PARTS ARE MISSING FROM THE KIT, PLEASE CALL 1-800-888-0650. PLEASE DO NOT CALL OR RETURN THE KIT TO THE DEALER.

Be sure to take all applicable safety precautions during the installation of the kit. The instructions listed in this brochure and the illustrations all show the left, or driver's side of the vehicle. To install the right side assembly simply follow the same procedures.

STEP 1 - PREPARE THE VEHICLE

With the vehicle is on a solid level surface, chock the front wheels. This vehicle does not have to be raised up to install the kit. Remove the negative battery cable. *This installation assumes that there is no load on the vehicle.*

STEP 2 - PREASSEMBLE THE KIT

Select two Work-Rite bumpers and an upper bracket from your kit. Fasten the upper bracket to the Work-Rite bumpers using the 3/8" -16 x 1-1/2" hex bolts inserted into the bottom of the bumpers, through the top hole, and into the holes in the upper bracket. Secure with a flanged hex nut. *See Figure "A"*.

STEP 3 - PREPARE THE FRAME

The frame rail on the driver's side of the vehicle will require the relocation of three items that will interfere with the upper bracket and air spring. This is accomplished by relocating the existing nuts, bolts, and clips on the frame rail that fall between the upper bracket flanges.

- 1.) The emergency brake line clip will be moved toward the rear of the vehicle *see Figure "B"*.
- 2.) The plastic line harness located on the inside of the frame rail will be moved 2-1/4" toward the rear of the vehicle. Two 3/8" holes will have to be drilled to relocate the line harness *see Figure "B"*.
- 3.) The ground strap bolt must be relocated to fall outside the upper bracket flanges *see Figure "B"*. Please note that the nuts, bolts and clips may be placed in various locations depending upon your specific model.

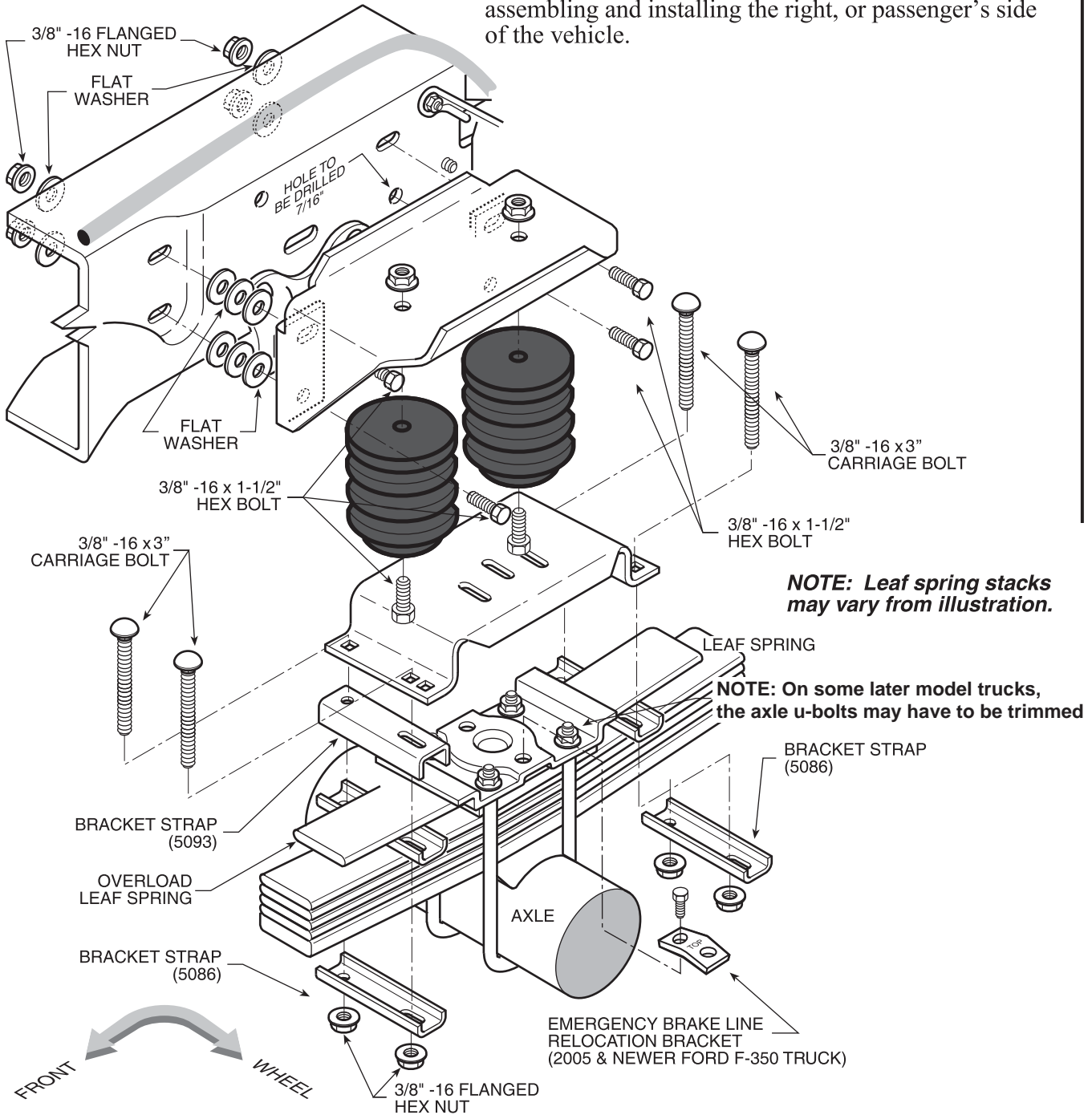
STEP 4 - ATTACH THE ASSEMBLY TO THE FRAME

The three existing slots in the frame rail will be used in addition to one hole drilled in the frame rail to attach the upper bracket. The slots will have to be enlarged to allow the bolts to pass through. Place the upper bracket on the outside of the frame rail, aligning the holes in the bracket with the slots in the frame *see Figure "A"*. Using the upper bracket as a template, mark the hole to be drilled in the frame rail with a center punch. Remove the upper bracket and drill a hole on the center mark using a 7/16" drill bit. ***Before drilling, make sure that all electrical, brake, and fuel lines are cleared from the path of the drill bit.*** Damaging the lines can be avoided by inserting a piece of wood between the frame rail and any lines in the path of the drill bit.

PARTS LIST			BOLT PACK (A27-760-8630)	
WORK-RITE BUMPER	1261	4	3/8" LARGE FLAT WASHER	14
UPPER BRACKET	5708	2	3/8" -16 x 3" CARRIAGE BOLT	8
LOWER BRACKET	5092	2	3/8" -16 x 1-1/2" HEX BOLT	12
1/2" BRACKET STRAP	5086	8	3/8" -16 FLANGED LOCK NUT	16
1" BRACKET STRAP	5093	2		
OPTIONAL SPACER	0013	4		

FIGURE "A"

NOTE: Both illustrations are of the left, or driver's side, of the vehicle. Reverse any orientations when assembling and installing the right, or passenger's side of the vehicle.



NOTE: Leaf spring stacks may vary from illustration.

NOTE: On some later model trucks, the axle u-bolts may have to be trimmed

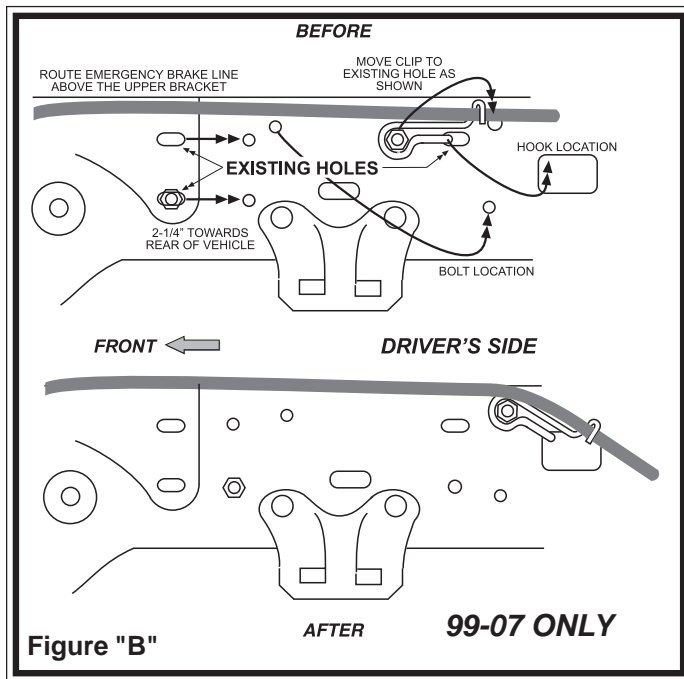


Figure "B"

Attach the upper bracket to the frame rail using the drilled hole and a 3/8" -16 x 1-1/2" hex bolt, 3/8" -16 flanged hex nut, and large washer, making sure that the remaining holes in the bracket are aligned with the slots in the frame rail *see Figure "A"*. With the upper bracket secured in place, drill through the three holes in the upper bracket and through the slots in the frame rail with a 7/16" drill bit. Using the supplied 3/8" -16 x 3/4" hex bolts, 3/8" -16 flanged hex nuts, and large washers, attach the bracket to the frame rail. Note that three large washers will be placed between the forward bracket flange and the frame rail on both flange attaching locations *on the left side of the vehicle only*. This allows the air spring assembly to mount flush with the frame rail *see Figure "A"*.

STEP 5 - ATTACH THE LOWER BRACKET TO THE VEHICLE

Place the lower bracket and air spring on the leaf stack and install the 1/2" or 1" spacer between the lower bracket and the leaf stack on the forward end of the assembly to align the upper and lower brackets as close to parallel as possible *see Figures "A" & "D"*. Insert

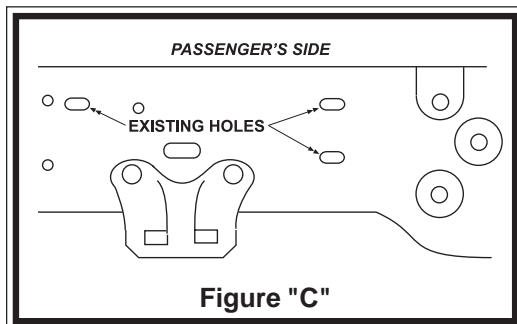


Figure "C"

the carriage bolts through the square holes in the lower bracket. Slide the bracket straps onto the carriage bolts to clamp the lower bracket to the leaf stack *see Figures "A" & "D"*. Fasten the bracket strap to the carriage bolts using two 3/8"-16 flanged hex nuts. *Note:* the bracket strap will clamp around the overload springs only *see Figures "A" & "E"*.

STEP 6 - INSTALL THE PASSENGER'S SIDE ASSEMBLY

Reverse any orientations when assembling and installing the right, or passenger's, side of the vehicle. Note that the installation on the passenger's side does not require the flat washers between the upper bracket and the frame rail. The passenger's side installation will not require the relocation of any existing hardware on the frame rail.

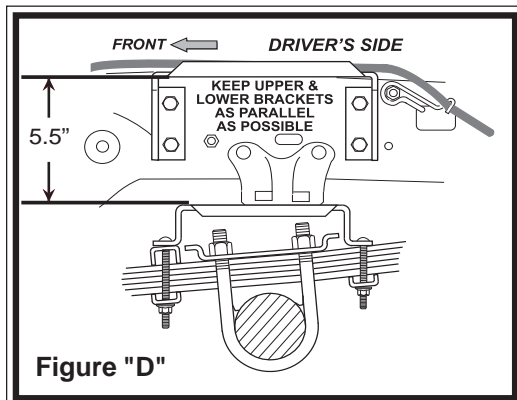


Figure "D"

STEP 7 - FINISH UP

This now completes the installation. Re-attach the negative battery cable and remove the wheel chocks from the front wheels. Now you're finished and ready to put your Work-Rite's to use.

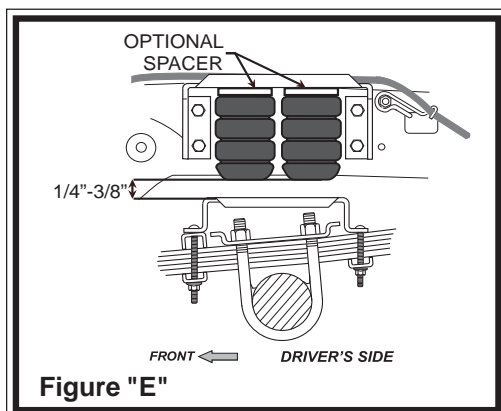


Figure "E"

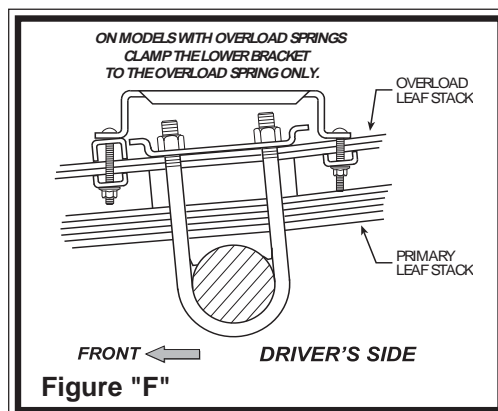


Figure "F"