

Part #: 925H  
Description: SFC30 Swivel Caster Accessory  
Date: 11/30/2021

### Instructions for Installing the SFC30 Swivel Caster Accessory

**- NOTE -**

The right and left hand side will be referenced from the operators position.  
Some guards and covers have been removed for illustration purposes only. DO NOT operate the machine without these guards and covers in place.

1. Prepare the machine so there is easy and safe access to the work area. Maintain all safety related work procedures. Always wear eye and hand protection. Disconnect the spark plug wire.
2. Raise the front and the rear of the machine to allow for easy and safe access to the front and rear axles.
3. Locate the 3/8" bolts and locknuts securing the front wheel assembly to the front axle. Loosen and remove the two 3/8" locknuts from the left and right wheel assembly, remove the left and right wheel assembly from the axle and discard the 3/8" bolts and locknuts. Retain the front wheel assemblies to be re-used in step 13.
4. Next, remove the left rear wheel assembly by loosening the 3/8" elastic stop nut from the rear axle shaft. Once the wheel assembly has been removed, locate the two 1/4" - 20 bolts securing the rear wheel cover to the rear axle weldment. See Figure 1. Once the wheel cover bolts have been identified, remove the two 1/4" - 20 bolts and remove the wheel cover from the rear axle weldment. Retain the 3/8" elastic stop nut and two 1/4" - 20 bolts to be re-used in step 16.

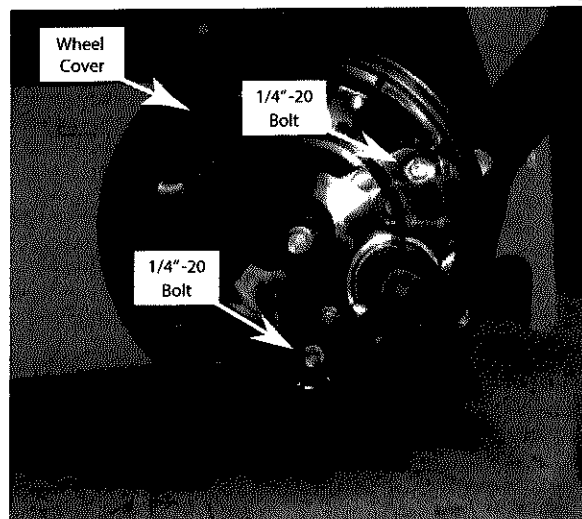


Figure 1

5. After the rear wheel cover has been removed, locate the 3/8" bolt and deck pivot nut securing the deck lift weldment to the rear axle weldment. See Figure 2, Page 2. Remove the 3/8" bolt and deck pivot nut from the deck lift weldment and retain the hardware to be re-used in step 15.

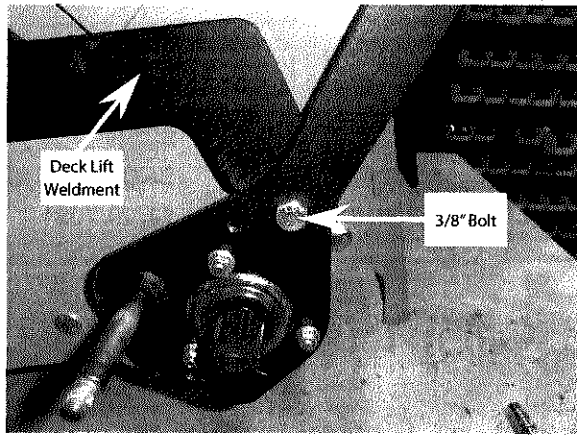


Figure 2

6. Locate the two 5/16" carriage bolts mounting the axle support weldment to the top of the cutter deck at the front of the unit. See Figure 3. With caution, raise the front of the machine safely to provide access to the underside of the cutter deck. Remove the two 5/16" elastic stop nuts and 5/16" carriage bolts from the axle support weldment and cutter deck. Discard the 5/16" carriage bolts and 5/16" elastic stop nuts.

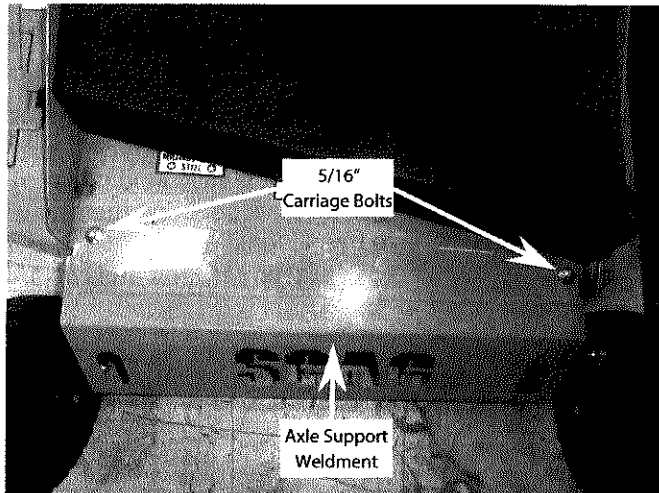


Figure 3

7. Locate the four 5/16" carriage bolts on the underside of the axle support weldment mounting the front axle support weldment to the cutter deck. See Figure 4. Remove the four 5/16" flange elastic stop nuts and carriage bolts from the front axle weldment. After all six carriage bolts and nuts have been removed, use caution to slowly remove the axle support assembly with the deck lift weldment from the front of the cutter deck. Discard all hardware.

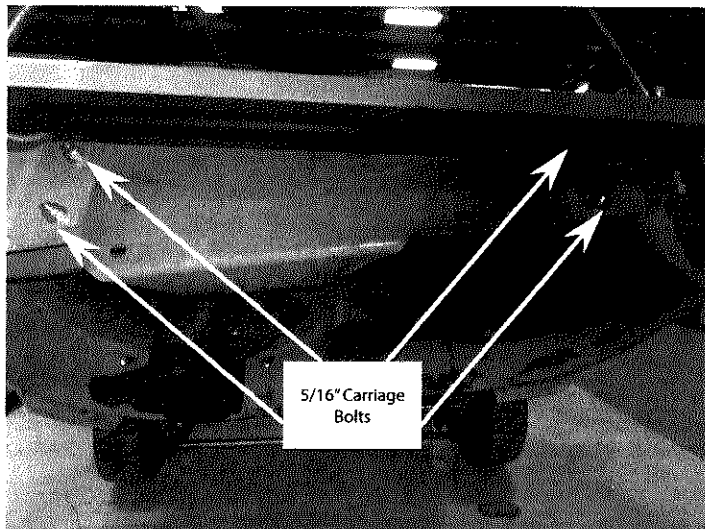


Figure 4

8. Remove the 5/16" elastic stop nuts and bolts at the bottom of the right and left side guard brackets located at the front of the unit. Discard hardware. See Figure 5.

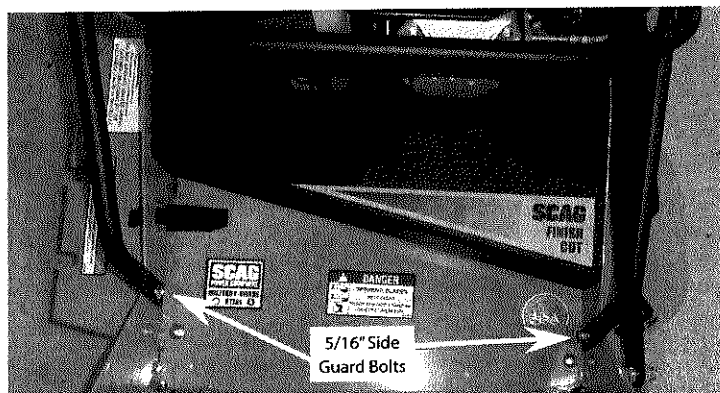


Figure 5

9. Slide the swivel caster support weldment included in the kit over the front of the cutter deck. Align the two holes on both sides of the caster support weldment with the cutter deck bracket on the right and with the cutter deck on the left as shown in Figures 6 and 7. Install two 5/16" x .75" carriage bolts through the swivel caster support weldment on the right side and then through the cutter deck bracket. See Figure 6. Install two 5/16" flange locknuts on the carriage bolts. Do not tighten hardware at this time.

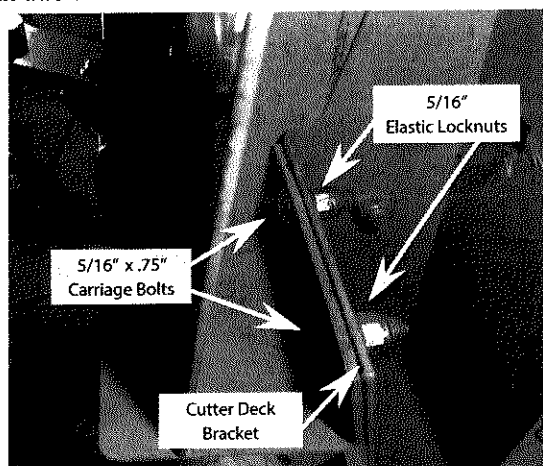


Figure 6

10. On the left side, insert the spacer block included in the kit between the cutter deck and the swivel caster support weldment, making sure to align the holes. See Figure 7. Then, install two 5/16" x 1.00" carriage bolts through the cutter deck, the spacer and finally through the swivel caster support weldment. See Figure 8. Install two 5/16" flange locknuts on the carriage bolts. Do not tighten hardware at this time.

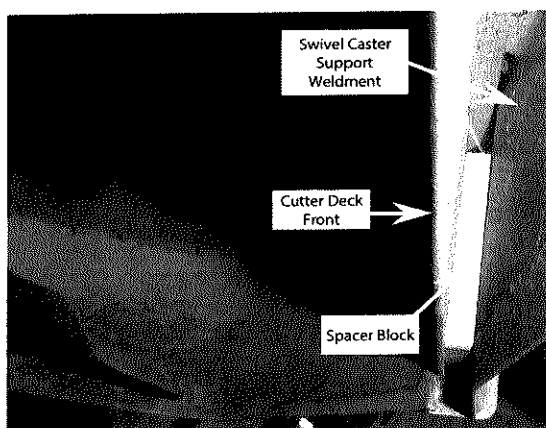


Figure 7

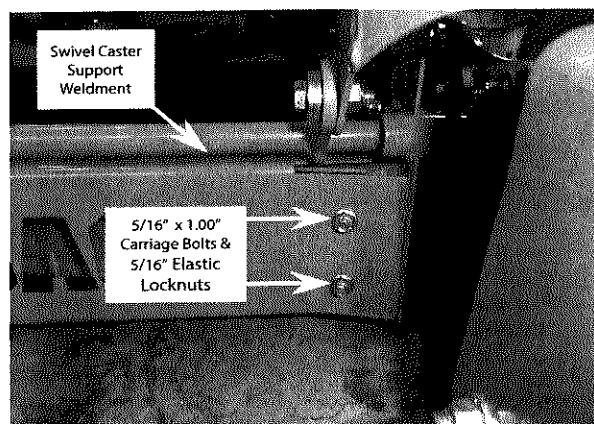


Figure 8

11. Locate the two holes on the top of the swivel caster support weldment. Align the two holes on the top of the swivel caster support weldment with the holes in the cutter deck. Install two 5/16" x .75" carriage bolts through the top of the swivel caster support weldment and then through the cutter deck. See Figure 9. Install two 5/16 -18 flange locknuts on the carriage bolts on the underside of the cutter deck. Do not tighten the hardware at this time.

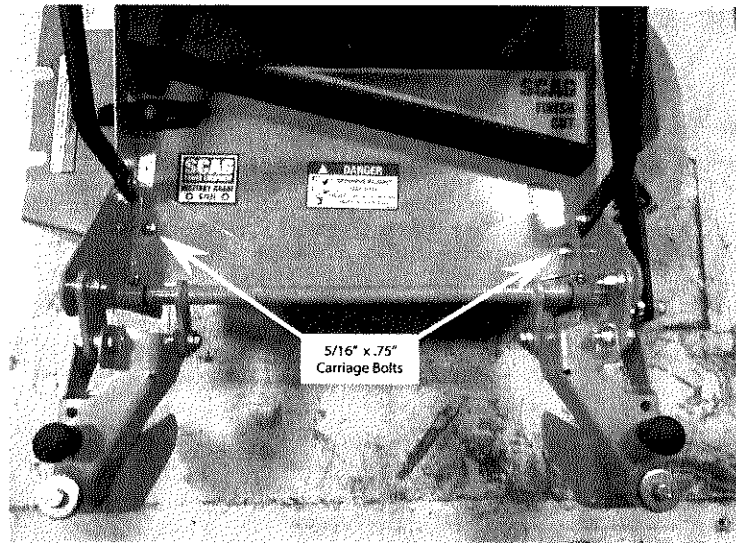


Figure 9

12. Align the holes of the swivel caster support weldment on the left and right side with the mounting holes of the side guard mounting brackets. Install a 5/16" x 1.00" serrated flange bolt through the caster support weldment bracket and then through the side guard mounting brackets on both the left and right side. See Figure 10. Loosely install a 5/16" flange locknut on each bolt mounting the side guard brackets to the swivel caster support weldment.

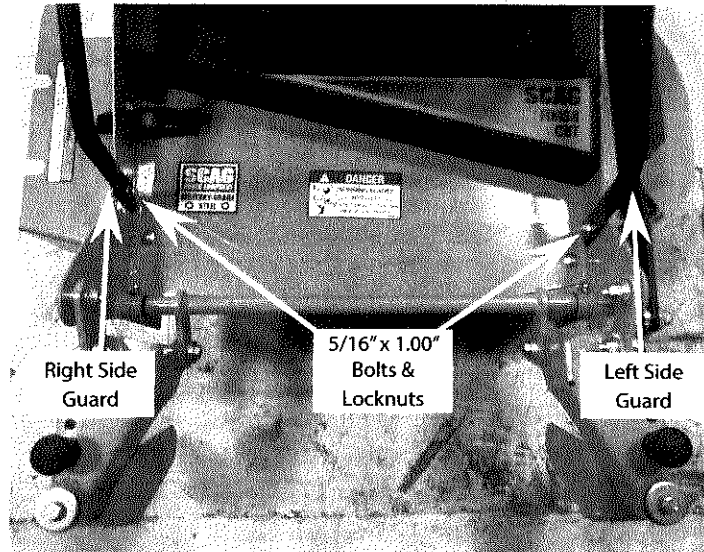


Figure 10

13. Tighten all hardware installed in steps 9 -12.

14. Using the front wheel assemblies that were removed in step 3, install the front wheel assemblies between the caster yoke weldments on the swivel caster support weldment. Use a 3/8" x 4.00" bolt, 1" spacer, and 3/8" elastic locknut to install the wheel in the caster yoke weldment as shown in Figure 11, Page 5. Do not overtighten the hardware, the wheels need to move freely.

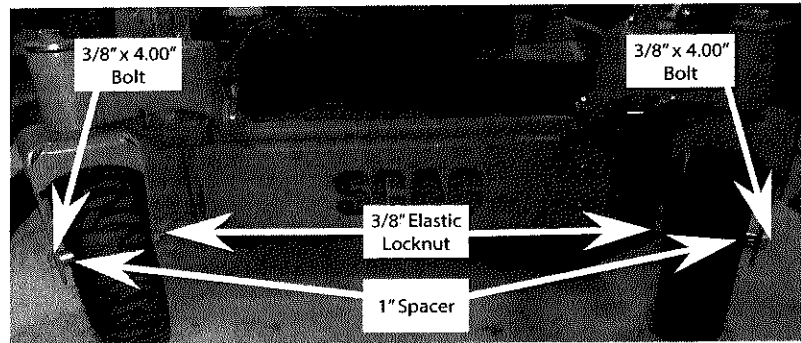


Figure 11

15. With caution slowly rotate the deck lift bellcrank on the swivel caster weldment to allow enough clearance to install the spacer and bolt on the declift weldment and bellcrank. See Figure 12. Once you have the required clearance, align the hole on the declift weldment hole with the hole on the bellcrank bracket. Note the orientation of the deck lift weldment. Install the spacer through the deck lift weldment and then through the bellcrank. After the spacer is installed, insert the 3/8" bolt through the spacer and install a 3/8" elastic lock nut. See Figure 12. Do not tighten the hardware at this time.

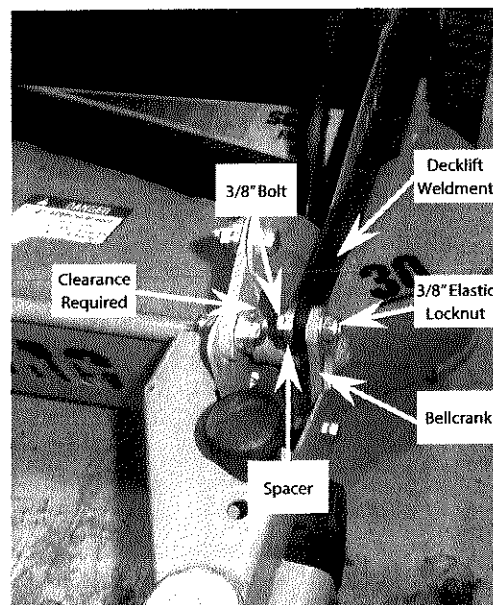


Figure 12

16. Proceed to the left rear side of the machine where the wheel cover and rear wheel was removed in step 4. Align the hole in the deck lift weldment with the hole in the rear axle support weldment and reinstall the 3/8" bolt and deck pivot nut that was removed in step 5. Tighten the hardware on both the front and rear section of the deck lift weldment.
17. Reinstall the rear left wheel cover with the 1/4" - 20 bolts removed in Step 4. Install the left rear wheel reusing the 5/8" locknut that was removed in step 4. Do not overtighten the wheel.
18. Operate and test the unit.