

Instruction Sheet

Kit Number: 72601900

TRACK CONVERSION KIT

For All Wheel-Drive 926000 Models



WARNING: FAILURE TO FOLLOW INSTRUCTIONS could result in personal injury and/or damage to unit.

Read, understand, and follow all safety practices in Owner/Operator Manual before beginning.

SPECIAL TOOLS REQUIRED

- 1/8" (3mm) and 9/32" (7mm) Drill bits
- Drill
- Anti-seize compound, or waterproof grease
- 3/8", 7/16", 1/2" and 9/16" Combination wrenches or adjustable wrenches.
- #2 Phillips screwdriver

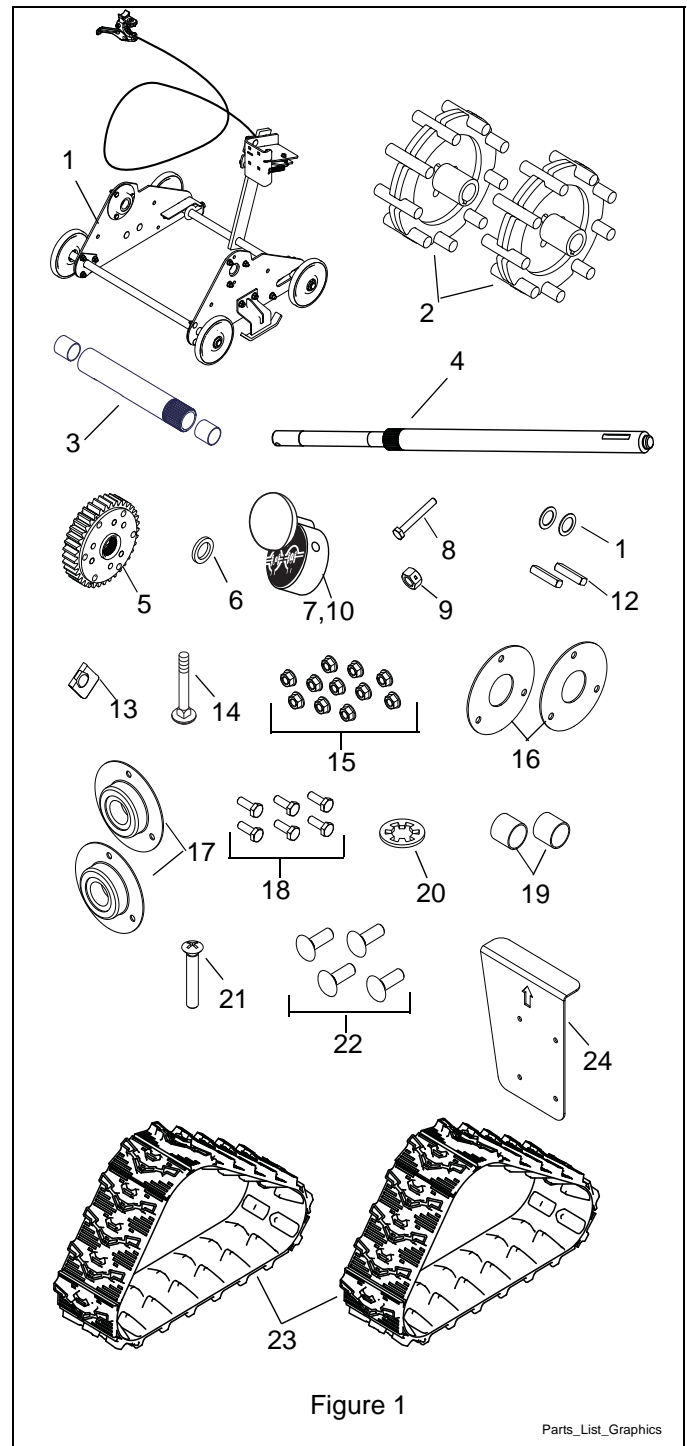
NOTE: Right and Left are used in these instructions from the operators perspective.

Package Contents

Check contents of your kit for the parts listed in the chart below and shown in Figure 1:

| Item | Ariens P/N | Description | Qty |
|------|------------|--|-----|
| 1 | N/A | Track Carriage Assembly | 1 |
| 2 | 00670351 | Track Drive Wheel | 2 |
| 3 | 52604200 | Track Differential Axle, Short w/ Bushings | 1 |
| 4 | 00661400 | Track Differential Axle, Long | 1 |
| 5 | 52604000 | Differential | 1 |
| 6 | 06400012 | Nylon Flat Washer | 1 |
| 7 | 52605000 | Lockout Assembly Hub | 1 |
| 8 | 05967100 | 1/4-20 x 2 Hex Bolt | 1 |
| 9 | 06529700 | 1/4-20 Center Lock Nut | 1 |
| 10 | 07864400 | Differential Lock Decal | 1 |
| 11 | 06436300 | Steel Flat Washer | 2 |
| 12 | 06600002 | Rectangle Key | 2 |
| 13 | 05700001 | 5/8 Snap Clip | 1 |
| 14 | 06220100 | 1/4-20 x 1 1/4 Round Head Square Neck Bolt | 1 |
| 15 | 06543500 | 1/4-20 Top Lock Flange Nut | 11 |
| 16 | 03389051 | Bearing Spacer Plate | 2 |
| 17 | 05400706 | Flange Bearing | 2 |
| 18 | 05946800 | 1/4-20 x 3/4 Hex Bolt | 6 |
| 19 | 05500122 | Bushing, Sleeve 1.012 x 1.125 x 1 | 2 |
| 20 | 06305200 | Internal Locking Washer | 1 |
| 21 | 06100007 | Oval Head Machine Screw | 1 |
| 22 | 06219900 | 1/4-20 x 3/4 Round Head Square Neck Bolt | 4 |

| Item | Ariens P/N | Description | Qty |
|------|------------|----------------|-----|
| 23 | 00669700 | Rubber Track | 2 |
| 24 | 04399100 | Drill Template | 1 |



INSTALLATION

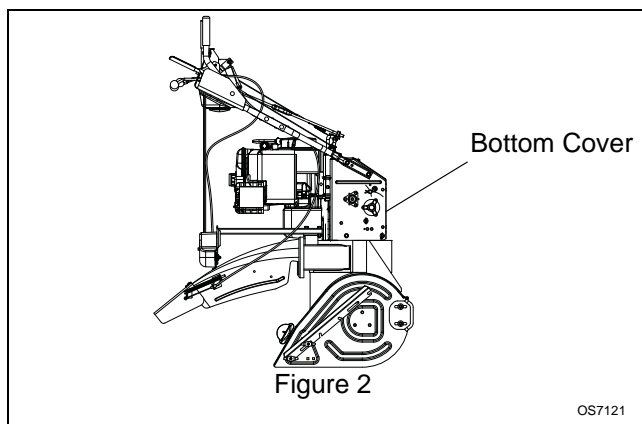


WARNING: Before tipping unit up onto housing, remove fuel so no spills will occur and remove battery (if equipped). Ensure unit is secure and will not tip over during service procedure.

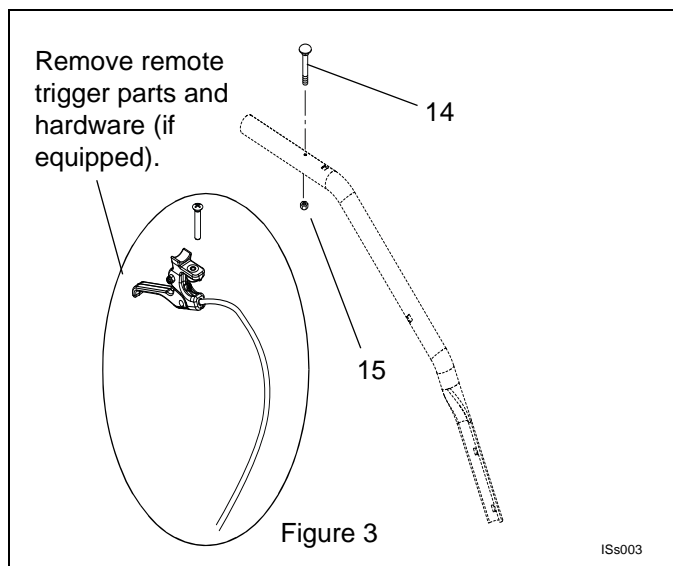
1. Place unit on a flat level surface. Tip unit forward onto front of auger housing into service position. Ensure unit is secure and will not tip over. Strap and clamp onto bench if needed. See Figure 2.

NOTE: Retain all removed parts and attachment hardware should the unit need to be converted back in the future.

2. Remove wheel snap clips or pins and remove wheels from both sides. Remove any keys from axles.



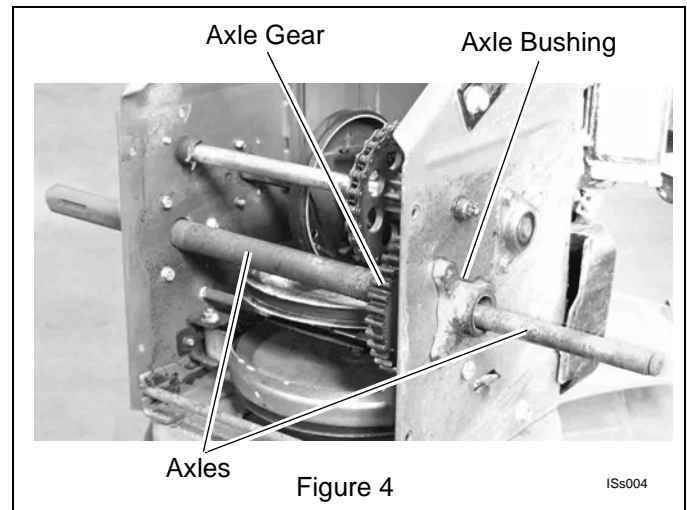
3. Remove six bolts retaining bottom cover and remove cover. See Figure 2.
4. If the unit is equipped with a remote locking differential or remote wheel lock, disconnect the cable from the unit. Remove the remote trigger from the handlebar. Install 1/4" round head square neck bolt (item 14) and hex nut (item 15) in trigger mount location. See Figure 3.



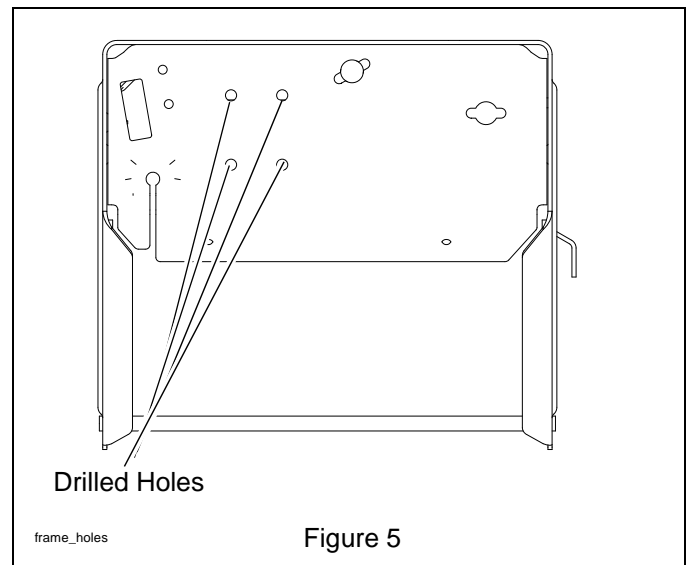
5. Remove the drive axle(s) and axle gear, or differential.

NOTE: There may be additional components on the axles of some models preventing the removal of the axles. Remove any additional axle components as needed.

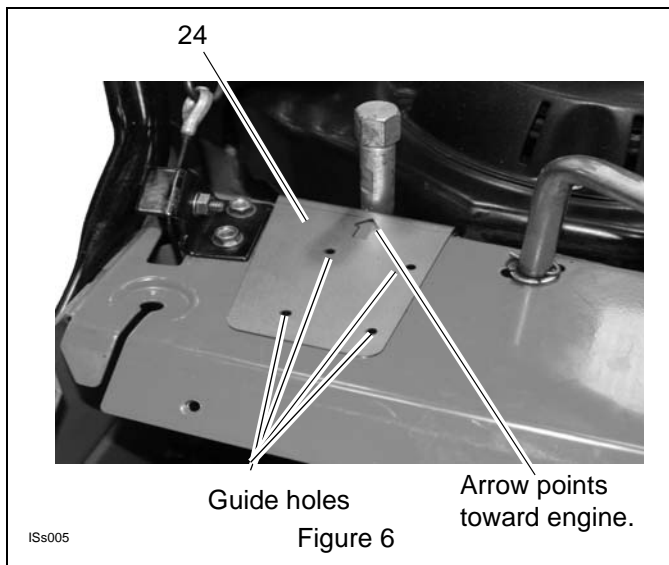
6. Remove bolts holding axle bushings or bearings and remove bushings or bearings from both sides. See Figure 4.



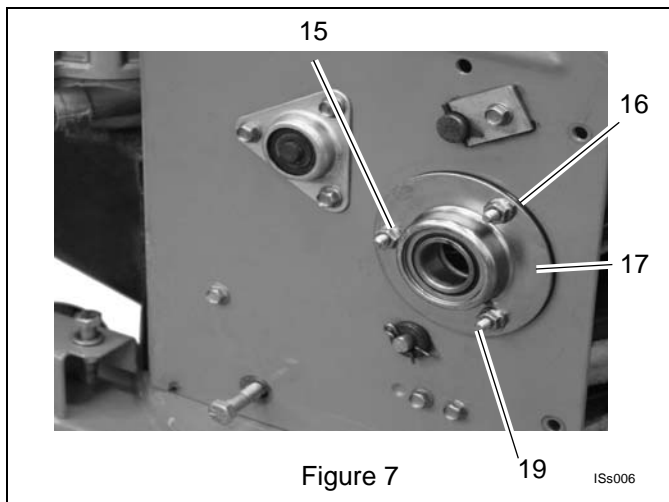
NOTE: Some units will not have holes to mount the trigger lock bracket and will need to be drilled. See Figure 5 for location of the four holes on back of frame. If the frame has holes to mount the bracket, proceed to step 9.



7. Position the hole drilling template (item 24) on the back of the frame. Slide the template to the left until it contacts the bracket which holds the traction engagement pulley in place. See Figure 6.

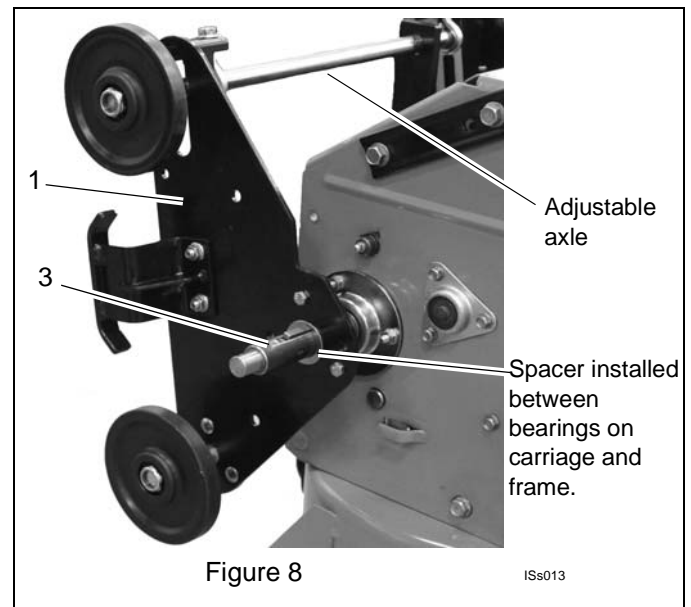


8. Using the template to locate the hole locations, drill four 1/8" (3mm) pilot holes. Remove the template and finish drilling holes with a 9/32" (7mm) drill. Remove burrs from holes. Make sure that arrow on template points toward engine.
9. Mount bearing spacer plates (item 16) and flange bearings (item 17) with 1/4" x 3/4" hex bolts (item 18) and 1/4" locking top flange nuts (item 15). The spacer plates are mounted between the flange bearings and the frame. Install the head of the hex bolt from the inside of the unit. See Figure 7.



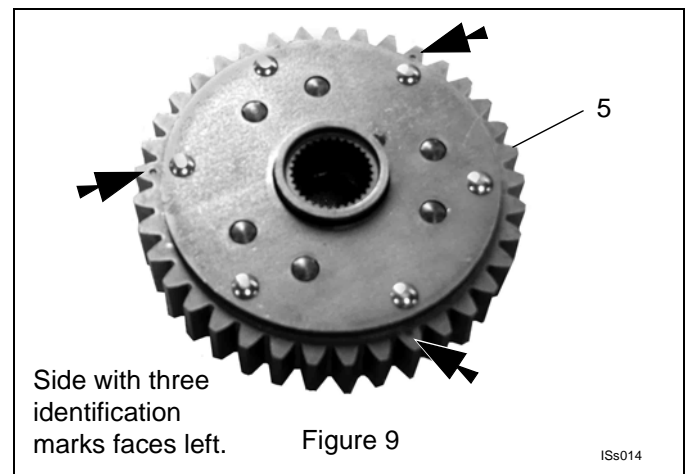
10. Lift the carriage assembly (item 1) into position around the frame with the adjustable axle toward the rear of the unit. Align the bearings on the frame to the bearings on the track carriage and place the spacer (item 19) between the two bearings. Insert the short axle (item 3) into the right side flange bearing, being careful not to push out bushings. See Figure 8 and Figure 18.

NOTE: It will be necessary to move the trigger lock mechanism out of the way while attaching the carriage. See Figure 18.

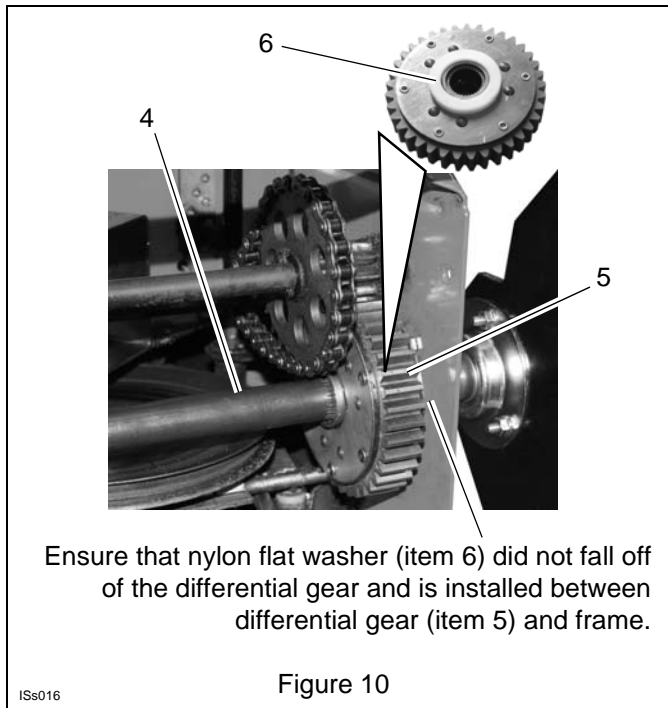


11. Insert the long axle shaft (item 4) into the left side flange bearing so that the carriage assembly is supported.
12. Slip the nylon flat washer (item 6) onto the differential (item 5) opposite the identification marks. See Figures 9 and 10. Install the wheel lock differential (item 5) on the short axle shaft with the identification marks facing to the center of the machine.

IMPORTANT: There are three shallow identification marks on the edge of the axle lock differential (see Figure 8 and Figure 9). The differential must be installed with these marks facing to the left (long axle shaft side).

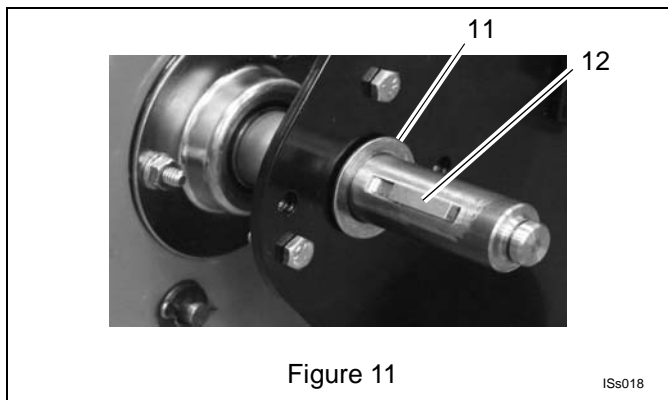


13. Insert the long axle shaft (item 4) into the differential (item 5). See Figure 10.

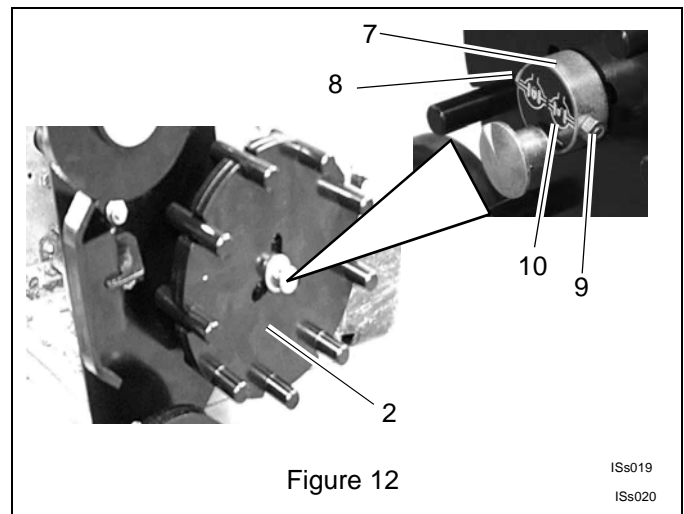


Ensure that nylon flat washer (item 6) did not fall off of the differential gear and is installed between differential gear (item 5) and frame.

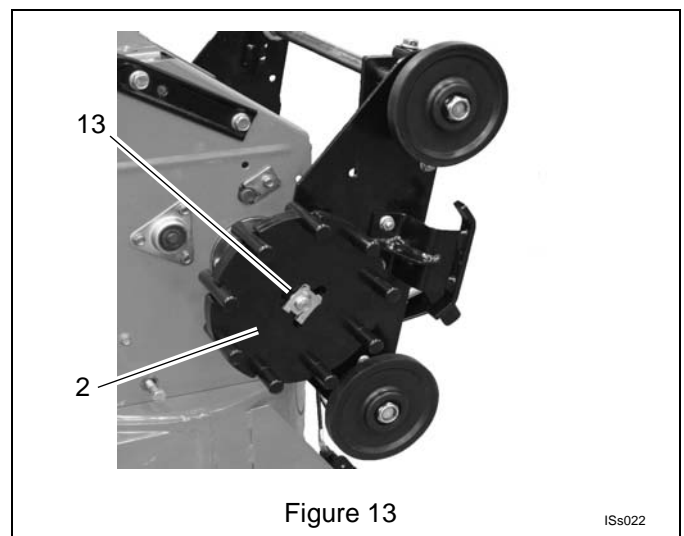
14. Install flat steel washer (item 11) onto the axle shaft followed by the rectangle key (item 12). Repeat on other side of unit. See Figure 11.



15. Apply anti-seize compound or waterproof grease to the right axle shaft and install track drive wheel (item 2) onto shaft. Position the hub lock assembly (item 7) on the axle shaft and rotate until the holes align. Install 1/4" x 2" bolt (item 8) and 1/4" locking center nut (item 9). Apply differential lock decal (item 10) to hub lock assembly. See Figure 12.

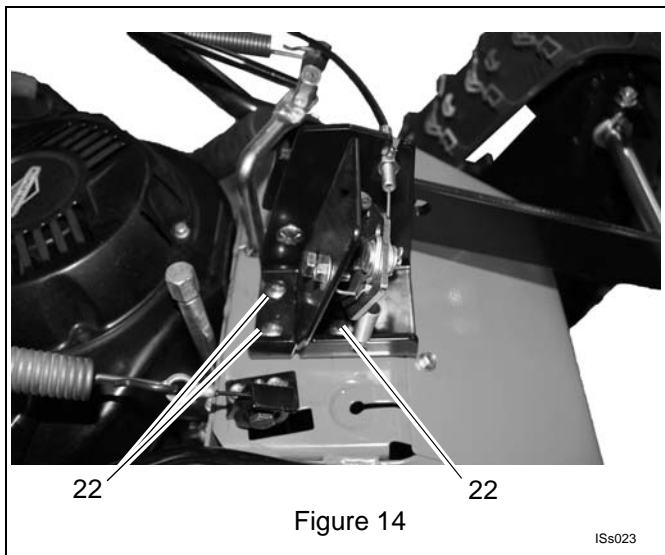


16. Apply anti-seize compound or waterproof grease to the left axle shaft and install track drive wheel (item 2) onto shaft. Install 5/8" snap clip (item 13) to end of axle. See Figure 13.

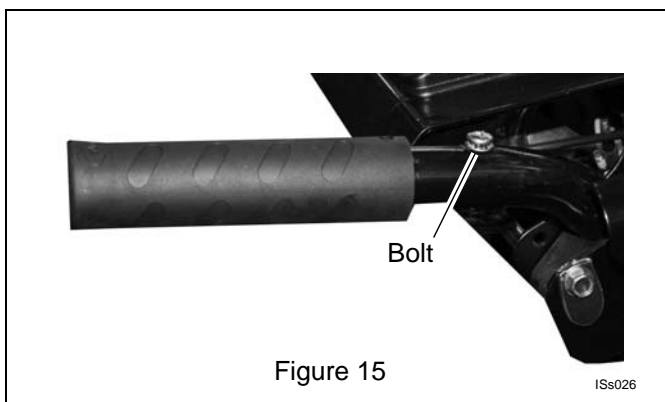


17. Check operation of differential lock. In unlocked position the left and right track drive wheels can be rotated in opposite directions. In the locked position, the track drive wheels will both rotate in the same direction.

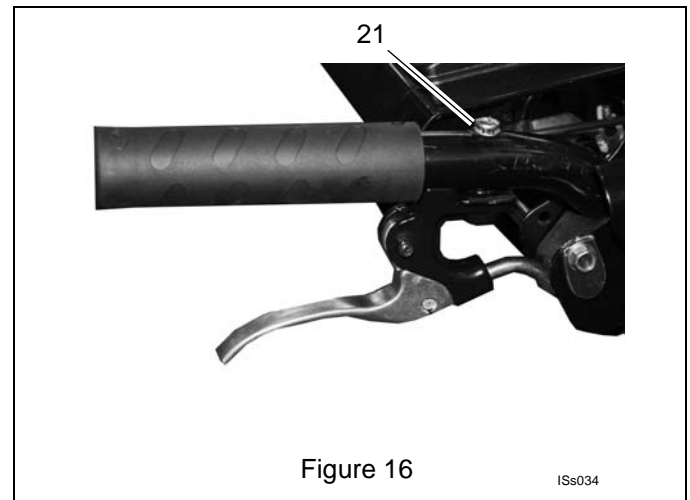
18. Rotate the trigger lock assembly up to meet the back of the frame. Align the holes drilled in step 8 to the holes on the bracket. Install the head of the 1/4" x 3/4" carriage bolts (item 22) through the holes in the bracket, and through the drill holes from the exterior of the unit. Install 1/4" flange nut (item 15) onto all four of the bolts. See Figure 14.



19. Remove the bolt located in the handlebar on the right side of the machine. See Figure 15.

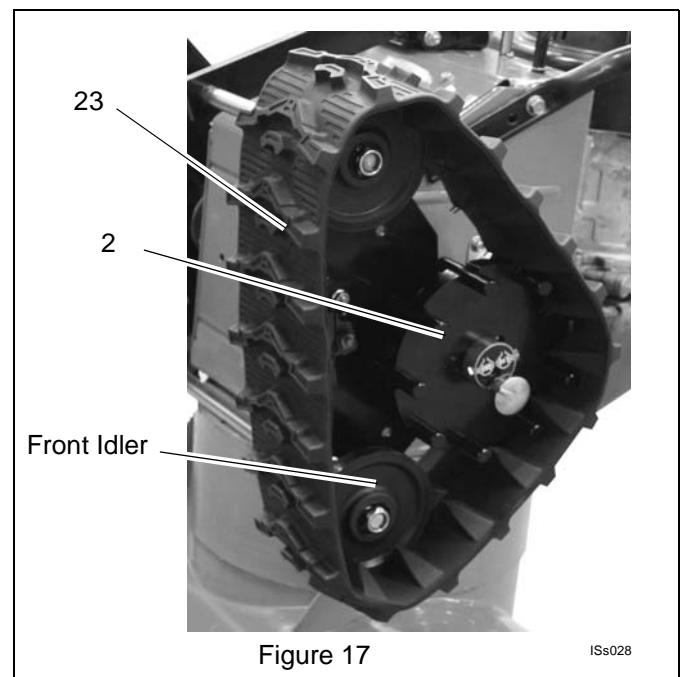


20. Position the trigger beneath the right side handlebar. Insert 1/4" machine screw (item 21) through the 1/4" internal locking washer (item 20). Insert the 1/4" machine screw (item 20) through the handlebar in the place of the bolt removed in Step 19. Thread the screw (item 21) into the trigger to attach it to the machine. See Figure 16.

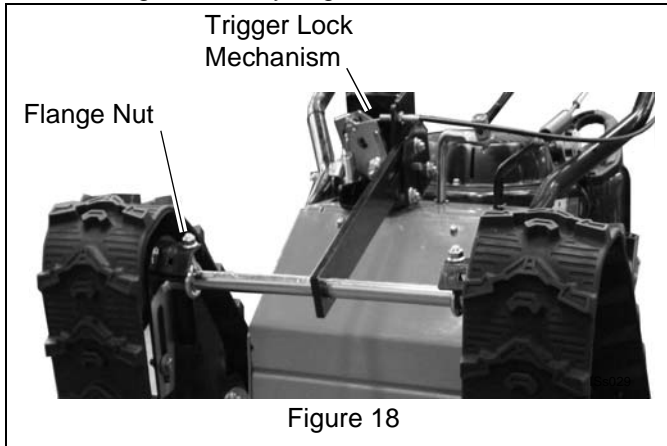


NOTE: It is necessary to first remove the flange nuts from the eye bolts on the adjustable axle to install the track. See Figure 18.

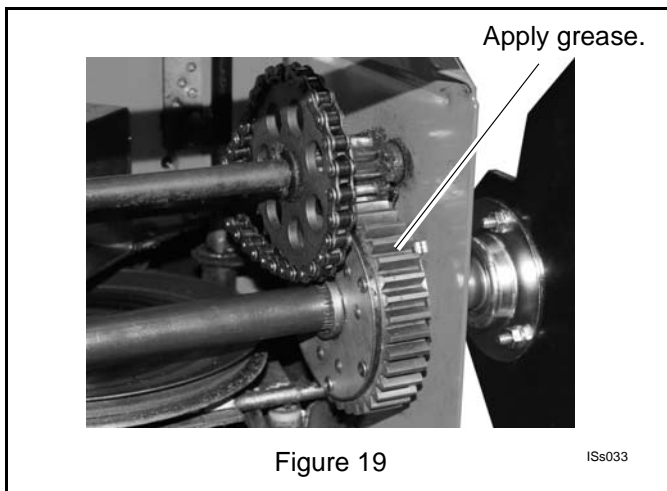
21. Position track (item 23) so that tread lugs point in the direction shown and install onto track carriage assembly. Install the track on the front idler and track drive wheel (item 2) first and then over the rear idler. Repeat on the other side of the unit. See Figure 17.



22. With the assistance of a helper or lifting device, pull up (back) on the rear idler axle until the eye bolts can be inserted into the mounts on the track carriage assembly. Figure 18



23. Install the flange nuts on the eye bolts. See Figure 18, and *Track Tension Adjustment* on page 7.
24. Apply grease to differential and drive gear. See Figure 19. Lubricate other normal maintenance items if desired. See *Owners Manual*.



25. Install bottom cover removed in step 3.
26. Return unit to operating position. See *Operation* on page 6.

OPERATION

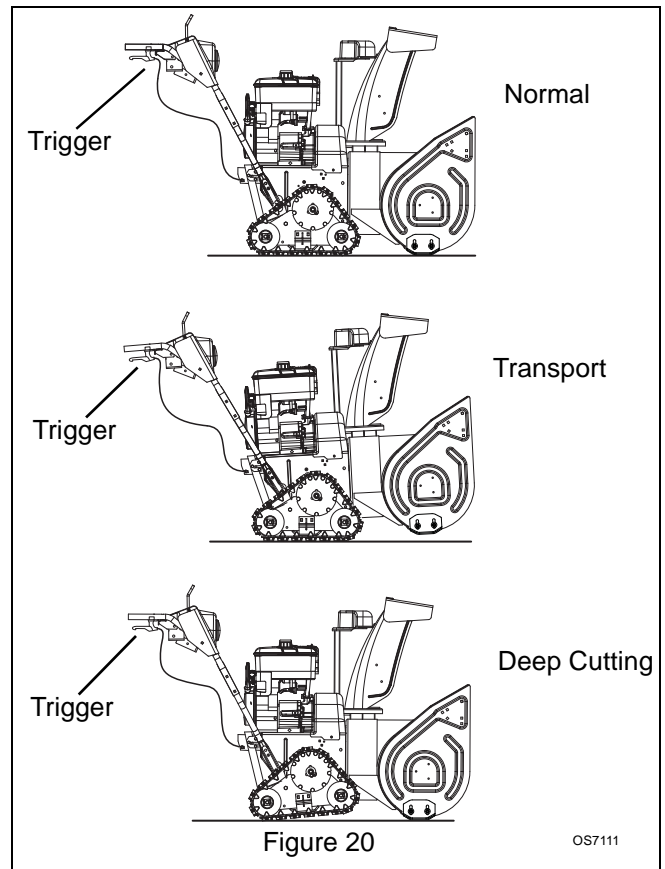
Track Angle

(Figure 20)

The track angle can be adjusted to position the auger housing for level clearing, deep cutting or transport.

Squeeze the trigger and press down on the handlebars to move the auger housing into an up position. Release the trigger to lock in place.

Squeeze the trigger and lift up on the handlebars to move the auger housing into a down position. Release the trigger to lock in place.



Differential Lock

(Figure 21)

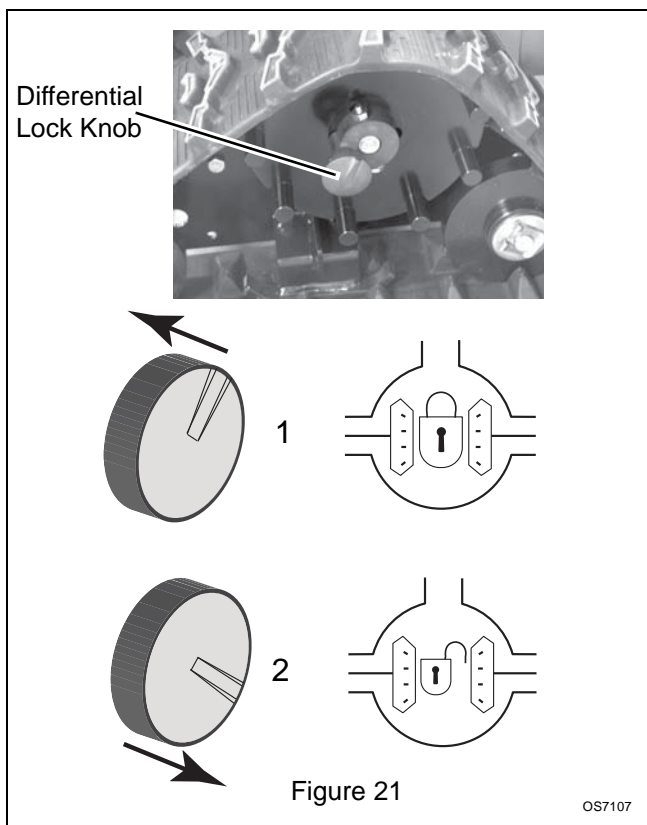
The differential can be locked for maximum traction or unlocked to allow for easier turning. The differential lock knob is located on the right track assembly. With the differential locked power is applied equally to both tracks.

To engage the differential lock:

Pull and turn knob to LOCKED (1) position and release (knob will snap in place when positioned correctly).

To release the differential lock:

Pull and turn knob to the UNLOCKED (2) position and release (knob will be positioned out slightly from unit when positioned correctly).



TRAVELING

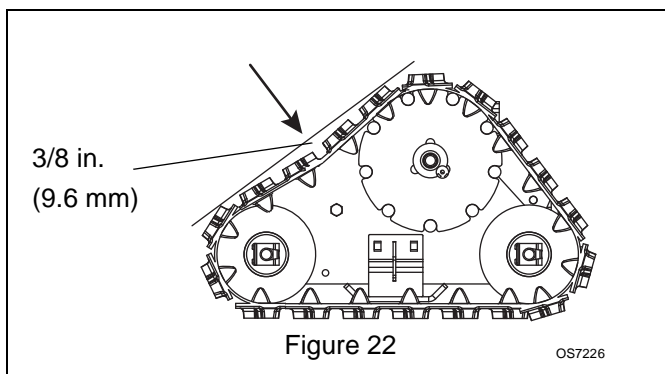
To travel from one work area to another:

1. Set throttle to slow or part-throttle position.
2. Place the unit in the transport position.
3. Engage track drive clutch without engaging attachment drive clutch.

TRACK TENSION ADJUSTMENT

Check the track tension by applying pressure on the track midway between the upper and rear track rollers. Deflection should be approximately 3/8 in. (9.6 mm). See Figure 22.

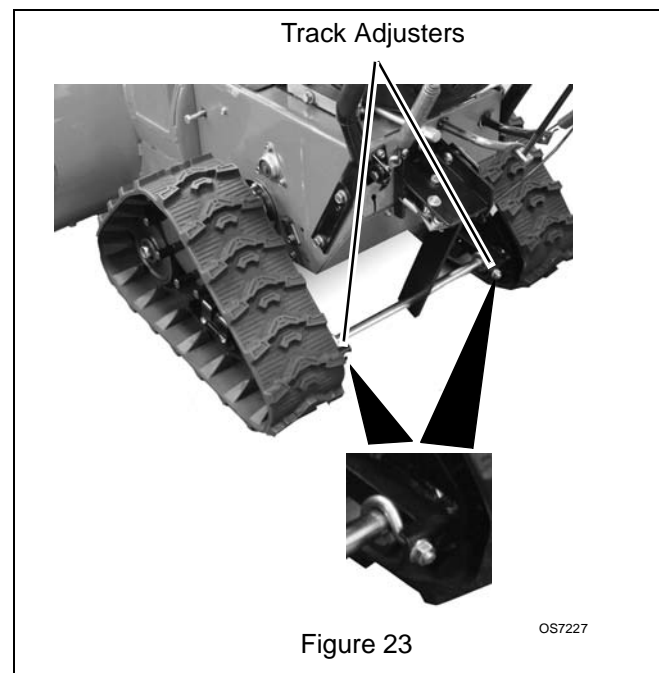
If deflection is excessive, tighten the track tension.



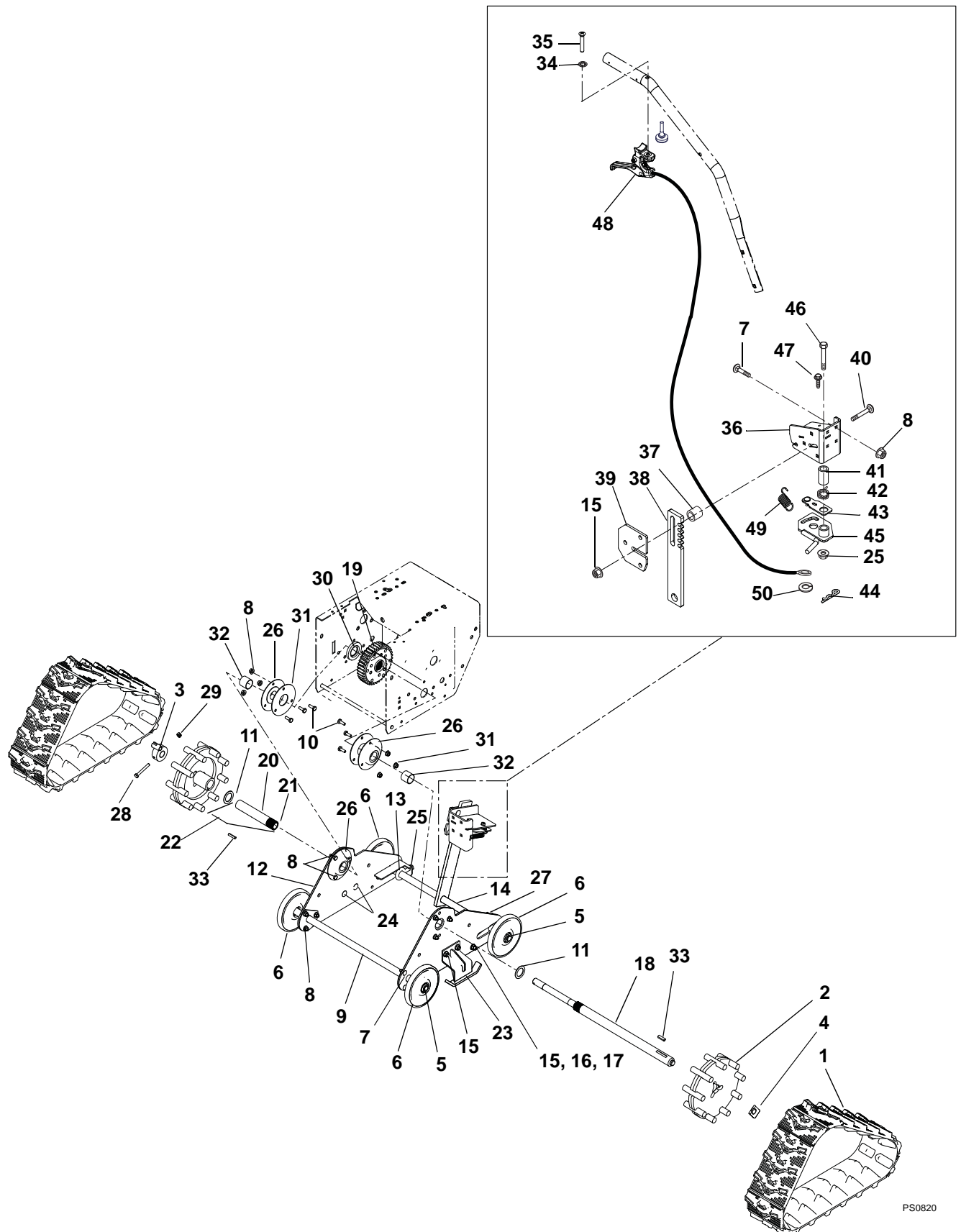
If unit pulls to the left or right when a straight path is desired adjust the track tension. If the unit is pulling to the left, tighten the left track adjuster. If the unit is pulling to the right, tighten the right track adjuster.

To adjust (Figure 23):

1. Tighten the locking nut to increase track tension.
Loosen the locking nut to reduce track tension.
2. Check that the unit tracks straight with no pulling to either side.



PARTS



PS0820

| Item | Part No. | Qty. | Description |
|------|----------|------|--|
| 1 | 00669700 | 2 | Track, Rubber |
| 2 | 00670351 | 2 | Wheel, Drive –Track |
| 3 | 52605000 | 1 | Lockout Hub |
| 4 | 05700001 | 1 | Clip, Snap .625 Diameter |
| 5 | 06530300 | 4 | Nut, Locking, Nylon .625-18 |
| 6 | 03293600 | 4 | Wheel, Boggie – Single Bearing |
| 7 | 06219900 | 10 | Bolt, Round Head Square Neck .25-20 x .75 Grade 5 |
| 8 | 06543500 | 23 | Nut, Locking, Top, Flange .25-20 |
| 9 | 03376000 | 1 | Axle, Front |
| 10 | 05946800 | 12 | Bolt, Hex .25-20 x .75 Grade 5 |
| 11 | 06436300 | 2 | Washer, Flat-Steel 1.010 x 1.505 x .062 |
| 12 | 00669851 | 1 | Side Plate, Right Hand – TRACK |
| 13 | 07000040 | 2 | Bolt, Eye |
| 14 | 03376100 | 1 | Axle, Rear |
| 15 | 06543100 | 8 | Nut, Locking-Top-Flange .31-18 |
| 16 | 01305900 | 1 | Bushing, Flange .325 x .499 x .26 x .880 |
| 17 | 05946900 | 1 | Bolt, Hex .31-18 x 1.00 Grade 5 |
| 18 | 00661400 | 1 | Axle, Long – TRACK Differential |
| 19 | 52604000 | 1 | Differential, Axle Lock |
| 20 | 00661300 | 1 | Axle, SHORT, TRACK Differential |
| 21 | 05500023 | 2 | Bushing, Sleeve .706 x .764 x .75 |
| 22 | 52604200 | 1 | Axle, SHORT – TRACK With Bushings (includes 20 and 21) |
| 23 | 00660751 | 2 | Runner, Guide – TRACK |
| 24 | 06215700 | 4 | Bolt, Round Head Square Neck .31-18 x .75 Grade 5 |
| 25 | 06534800 | 3 | Nut, Locking, Flange Gr. A .375-16 |
| 26 | 05400706 | 4 | Bearing, Flange 1.003/1.000 3 Bolt |
| 27 | 00669951 | 1 | Side Plate, Left Hand-TRACK |
| 28 | 05967100 | 1 | Bolt, Hex .25-20 x 2.00 Grade 5 |
| 29 | 06529700 | 1 | Nut, Locking-Center .25-20 |
| 30 | 06400012 | 1 | Washer, Flat-Nylon 1.38 x 2.00 x .25 |
| 31 | 00661251 | 2 | Plate, Bearing Spacer |
| 32 | 05500122 | 2 | Bushing, Sleeve 1.012 x .125 x 1.00 |
| 33 | 06600002 | 2 | Key, Rectangle .25 x .188 x 1.00 |
| 34 | 06305200 | 1 | Washer, Locking, Internal .250 |
| 35 | 06100007 | 1 | Screw, Machine Oval Head .25-20 x 1.5 |
| 36 | 00373751 | 1 | Bracket, Height Adjuster |
| 37 | 01103100 | 3 | Spacer |
| 38 | 00383851 | 1 | Stop, Height Adjuster |
| 39 | 03294151 | 1 | Plate, Height Adjuster |
| 40 | 06200008 | 3 | Bolt, Round Head Square Short Neck .31-18 x 1.25 Grade 5 |
| 41 | 05500106 | 1 | Bushing, Sleeve |
| 42 | 08300015 | 1 | Spring, Torsion |
| 43 | 03376200 | 1 | Arm, Overtravel |
| 44 | 06701900 | 1 | Pin, Hair, Internal .06 x .18 x .77 |
| 45 | 03294000 | 1 | Lock, Hight Adjuster |
| 46 | 05958500 | 1 | Bolt, Hex .38-16 x 1.75 Grade 5 |
| 47 | 07400034 | 1 | Screw, Tapping Hex Washer Head .25-20 x .50 |
| 48 | 06900510 | 1 | Cable, Track Remote |
| 49 | 08300103 | 1 | Spring, Extension |
| 50 | 06437300 | 1 | Washer, Flat, Steel .281 x .62 x .065 |