### Installation Instructions



Used with:

- 3N-40P
- 3N-40F



When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!

# **General Information**

These instructions explain how to install the 40P and 40F Lock Upgrade Kit.

These instructions apply to:

196-375A 40P,40F LOCK UPGRADE 04

196-382A 40P,40F LOCK UPGRADE 04 NO MRK

### **Manual Update**

Refer to the 40' No-Till Drill operator's manual for detailed information on safely operating, adjusting, troubleshooting and maintaining the gauge wheel lock. Refer to the parts manual for part identification.

196-286M Operator's Manual 196-286P Parts Manual 196-359M Operator's Manual 196-359P Parts Manual

### **Before You Start**

Page 11 and 12 are a detailed listing of parts included in the Lock Upgrade package. Use this list to inventory parts received.

### **Tools Required**

- Welder
- · Basic hand tools

### **Definitions**

Right-hand and left-hand as used in this manual are determined by facing the direction the machine will travel while in use unless otherwise stated.

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# **Assembly Instructions**

### **Swivel Lock Assembly**

### Refer to Figure 1

- Remove spring from swivel lock assembly and discard.
- 2. Disassemble the swivel lock slot link (1) and retain for reuse.
- Leaving cylinder pinned, pull cylinder out of the way. Use wire to hold hydraulic hoses out of the way for welding purposes.
- 4. Make sure swivel locks are disengaged from the lock plate.
- Remove the old swivel lock assembly (2) and discard.

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Figure 1
Remove Old Lock Assembly

### Refer to Figure 2

- 6. Use the 7/8" x 1 1/2" bolt (1) to hold the 7/8" round nut (2) to the bottom side of the three hole weld template (3). Place nut so the concave of the template will face away from the center of the gauge wheel swivel as shown.
- 7. Use the two 7/8" x 2 3/4" bolts (4) through the weld template (3) to hold the round nut (2) firmly against the gauge wheel swivel mount plate. Weld the round nut (2) in place on the mounting plate. Remove the 7/8" bolts (1) and (4) and the weld template (3) after weld has cooled.
- 8. Use the green spray paint supplied in the kit to touch up the weld area.

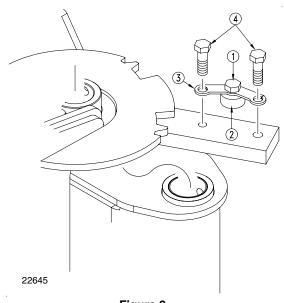


Figure 2
Weld Round Nut

196-378M

- 9. Press the 1/2" x 2 1/2" spiral pins (1) into the swivel lock lugs. Press until equal amounts of pin extend out on both sides of the lug.
- 10. Attach the long tube (2) to two of the lugs using 3/8" x 2" bolts, 3/8" flat washers and 3/8" lock washers. Orientate the tubes so they will be located towards the center of the wing when installed on the drill.
- 11. Insert one of the short tube (3) into one of the spring anchor angles (4). Attach the angles to the lug using 3/8" x 1" bolts, 3/8" flat washers and 3/8" lock washers. Orientate the angles so they will be located towards the outside of the wing when installed on the drill.

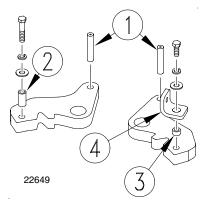


Figure 3 **Install Pins and Angle** 

### Refer to Figure 4

- 12. Remove the cotter pin (1) from the castle nut (2) on the bottom of the gauge wheel pivot pin and loosen castle nut.
- 13. Loosen the pin locking bolt (3) and insert the slotted tab hose loop (4) behind the head of the bolt and retighten bolt.
- 14. Retighten castle nut (2) and reinsert the cotter pin (1).
- 15. Route the hoses going to the lift cylinder and caster swivel lock cylinder through the hose loop.

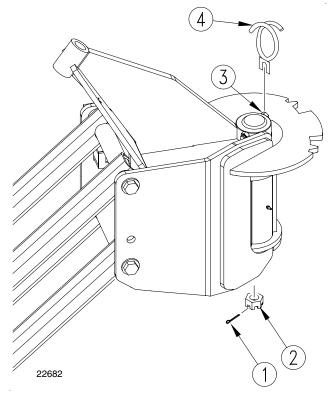


Figure 4 **Hose Loop** 

NOTE: Left-hand side is shown, right-hand side will be reversed.

- 16. Insert the 1 1/4" round tubes (1) into the swivel lock lugs (2). Place lugs on the mounting plates, centering round tubes over the threaded holes. Be sure and orient the lugs so the lug with the anchor angles are facing away from the center of the wing as shown.
- 17. Place the swivel lock spreader links (3) over the lugs and secure in place with 7/8" x 2 3/4" bolts and 7/8" lock washers through the outside holes. Place the 7/8" x 1 1/2" bolt and 7/8" lock washer through the center hole into the round nut previously welded in place.
- 18. Release the cylinder hoses.
- 19. Reassemble the swivel lock link removed in step 2 on page two.
- 20. Slide one end of the spring (6) over the long tube installed in step 9 above and hook the other end into the eye bolt (7). Insert the end of eye bolt into the anchor angle installed in step 11 on page 3. Thread on a 3/8" nut and tighten nut until you run out of threads.

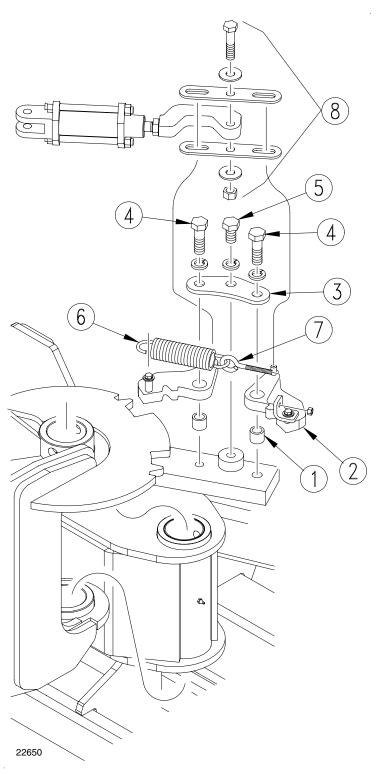


Figure 5
Install New Lock Assembly

*196-378M* 10/25/2004

# **Toolbar Lock Arm Assembly**

### Refer to Figure 6

- 1. With the drill in the folded position remove and discard the bolt, washers and nut from the toolbar lock arm weldment. Remove and discard the lock latch assembly.
- 2. Remove and keep for reuse the two pins and their flat washers from the toolbar lock arm weldment. Discard the toolbar lock arm weldment.

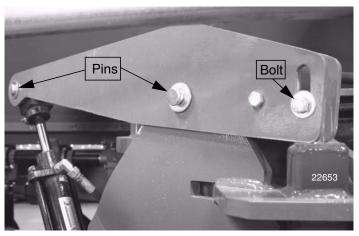


Figure 6 **Remove Old Lock Arm Assembly** 

### Refer to Figure 7

3. Insert the new lock latch into the tube to check for freedom of travel. Insert latch with the tapered side facing towards the front of the drill. Push the latch all the way up until the bottom of the latch is flush with the bottom of the tube. If it does not go all the way freely without binding it will be necessary to enlarge the opening in the top of the tube with a file or die grinder.

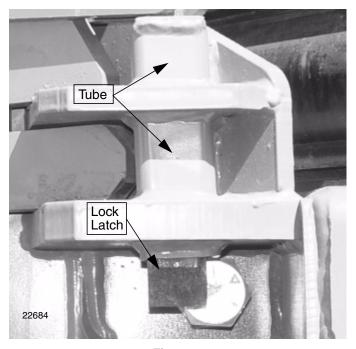


Figure 7 **Lock Latch** 

4. Install the new toolbar lock arm weldment using the pins and washers removed in step 2 on page 5.

NOTE: If weldment does not move freely it will be necessary to loosen the 3/8" bolt and lock nut just enough to allow for free travel of weldment.

- Insert the new lock latch from the bottom making sure the tapered side is facing towards the front of the drill.
- Add the 3/4" flat washer, 3/4" hex nut and 3/4" jam nut. Thread the nuts on until there are a few threads coming out of the top of the jam nut
- Work the spring into place between the jam nut and the top of the open jaw of the toolbar lock arm weldment.

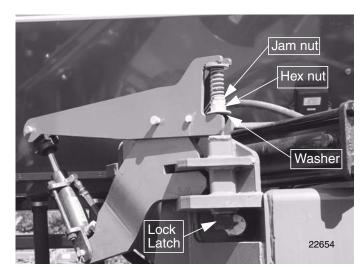


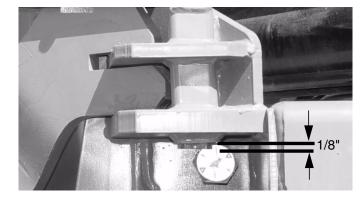
Figure 8
Install New Lock Arm Assembly

### Refer to Figure 9

8. Set the nuts so there will be 1/8" of the lock latch visible below the bottom surface of the lock mount tube when the lock is in the up position (cylinder retracted).

NOTE: This is a starting point and may need to be adjusted per individual drill.

Adjust the lock so it clears the toolbar jug when up, but engages as deep as possible into the toolbar lug when down.



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Figure 9
Set Lock Latch

196-378M 10/25/2004

### **Hydraulic Hoses**

- 1. With drill unfolded, disconnect the hydraulic hoses from the selector valve going to the marker sequence valve and discard.
- 2. Disconnect the hoses which are coming from the tractor to the selector valve and connect them to the sequence valve. Do not unclamp hoses from drill frame.
- 3. Attach the two new 336" hoses to the selector valve at the two ports where the hoses coming from the tractor were located. Use the following procedure for routing the hoses along the frame to the tractor.
  - a. Starting at the selector valve route the two hoses next to the hoses coming from the Veris Drive.
  - b. Leave the same amount of slack in the new hoses as there is in the other hoses.
  - c. Loosen the first clamp, remove the old hoses and place the new hoses under clamp and retighten clamp.

NOTE: Do not loosen more than one clamp at a time as it is difficult to get the hoses back in place with the necessary amount of slack to allow for wing folding.

- d. Route the hoses to the next clamp down the line from the selector valve and loosen clamp and place hoses under clamp. Retighten clamp.
- e. Continue with this procedure down the length of the drill frame and tongue until you reach the last clamp. Remember to leave the same amount of slack that is in the other hoses and to work one clamp at a time.

NOTE: Transfer the quick couplers from the hoses being removed to the new hoses.

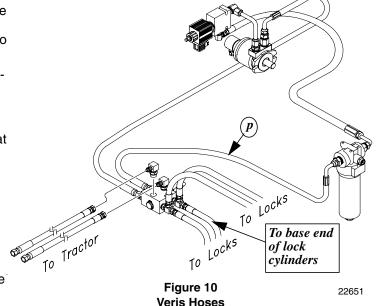
### Refer to Figure 10

4. Connect the two 168" hoses to the selector valve at the two ports where the hoses going to the sequence valve were located.

IMPORTANT: Connect the hose labeled "P" to the port directly in-line with the port for the hose going to the base end of the lock cylinders.

- 5. Route the hoses to the Veris drive using the same routing procedure described above.
- 6. Connect the hose labeled "P" to the pressure side of the Veris system.

NOTE: Run Veris drive before activating the swivel lock cylinders to remove air from the system. Bleed the lock cylinders as per instructions in the operator's manual.



# **Depth Control Assembly**

Refer to Figure 11

 Remove bolts which attach the depth control valve to the mounting bracket and save bolts for reuse. Pull depth control valve out of the way. There is no need to disconnect the hydraulic lines going to the valve.

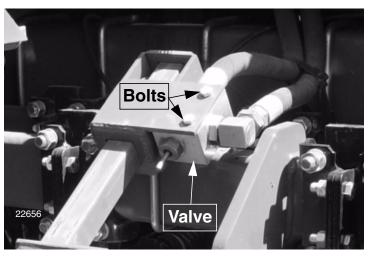


Figure 11
Remove Depth Control Valve

### Refer to Figure 12

2. Remove the stroke control assembly keeping the adjusting knob, paddle weldment, pivot bolt and the two U-bolts for reuse.

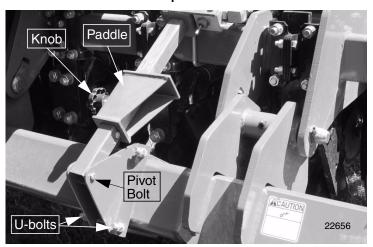


Figure 12 Remove Old Assembly

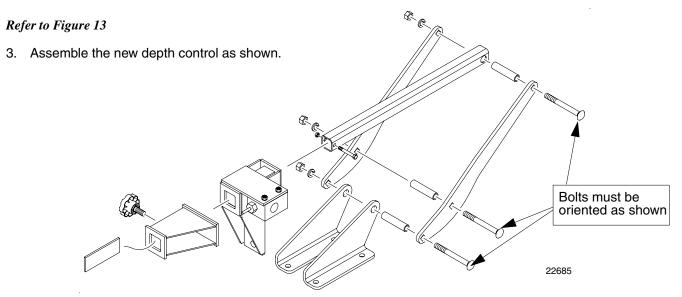


Figure 13
Depth Control Assembly

196-378M 10/25/2004

4. Install the new depth control assembly in place of the old assembly reusing the hardware removed in the previous steps.

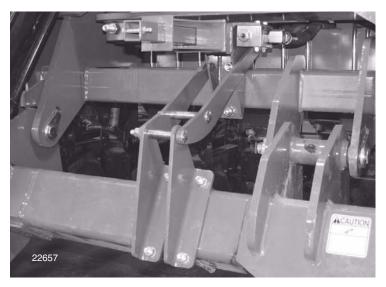


Figure 14 **Install New Assembly** 

### Refer to Figure 15

5. Insert the spacer bar inside the paddle weldment trapping it between the slide tube and knob screw before placing paddle on slide tube.

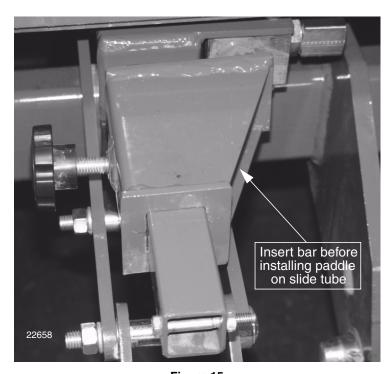


Figure 15 Insert Bar in Paddle

# **Hose Guide**

Refer to Figure 16

Install hose guides on each wing between the clutch mounting frames and under the hydraulic hoses as shown.

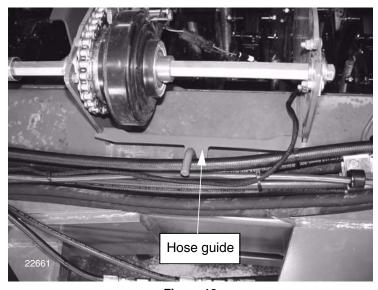


Figure 16 Install Hose Guide

196-378M 10/25/2004

# 196-375A 40P, 40F Lock Upgrade 04

Your kit includes:

| Qty.   | Part No. | Part Description                      |
|--------|----------|---------------------------------------|
| 2      | 123-320D | BOX MOUNTING TUBE                     |
| 2      | 160-019H | HOSE LOOP 2 5/8 WITH TAB OPENCURL     |
| 2      | 196-377H | TOOLB LOCK ARM WELDM                  |
| 1      | 196-378M | MANUAL 40P 2003,04 LOCK UP            |
| 2      | 196-380H | HOSE GUIDE 40P CLUTCH                 |
| 1      | 196-381H | DEPTH VALVE MOUNT                     |
| 4      | 196-856D | GW SWIVEL LOCK LUG                    |
| 2      | 196-859D | GW SWIVEL LOCK SPREADER LINK          |
| 2      | 196-888D | NUT RND 7/8-9 2.25 OD 1.03 LG         |
| 2      | 196-889D | SPRING ANCHOR ANGLE                   |
| 4      | 196-891D | TUBE RND 1 1/4OD X 3/16 X 1.05        |
| 2      | 196-896D | TOOLBAR LOCK BAR                      |
| 1      | 196-897D | GW SWIVEL 3 HOLE FIELD WELD PLT       |
| 2      | 196-904D | DEPTH STOP CURVED LINK PLATE          |
| 1      | 196-905D | DEPTH STOP SLIDE TUBE                 |
| 3      | 196-906D | TUBE RND CREW 3/4 OD X 12G X 3.25     |
| 2      | 196-907D | DEPTH STOP TUBE BRACKET               |
| 1      | 196-911D | BAR FLT HR 3/16 X 1 3/4 X 4.86        |
|        | 402-037D | SLEEVE IDLER PIVOT                    |
| 2<br>2 | 802-017C | HHCS 3/8-16 X 1 GR5                   |
| 2      | 802-143C | HHCS 3/8-16 X 2 GR5                   |
| 4      | 802-275C | HHCS 7/8-9 X 2 3/4 GR8                |
| 2      | 802-382C | HHCS 3/8-16 X 2 1/4 GR5               |
| 3      | 802-463C | RHSNB 1/2-13 X 5 GR5                  |
| 2      | 802-622C | HHCS 7/8-9 X 1 1/2 GR5                |
| 2      | 802-674C | CLOSED EYE BOLT 3/8-16 X 4 1/2        |
| 2      | 803-013C | NUT LOCK 3/8-16 PLT                   |
| 2      | 803-014C | NUT HEX 3/8-16 PLT                    |
| 3      | 803-020C | NUT HEX 1/2-13 PLT                    |
| 2      | 803-021C | NUT HEX 5/8-11 PLT                    |
| 2      | 803-027C | NUT HEX 3/4-10 PLT                    |
| 2      | 803-048C | NUT HEX JAM 3/4-10 PLT                |
| 4      | 804-011C | WASHER FLAT 3/8 USS PLT               |
| 4      | 804-013C | WASHER LOCK SPRING 3/8 PLT            |
| 3      | 804-015C | WASHER LOCK SPRING 1/2 PLT            |
| 2      | 804-022C | WASHER LOCK SPRING 5/8 PLT            |
| 2      | 804-024C | WASHER FLAT 3/4 USS PLT               |
| 6      | 804-037C | WASHER LOCK SPRING 7/8 PLT            |
| 4      | 805-037C | PIN SPIROL 1/2 X 2 1/2 PLAIN          |
| 1      | 806-019C | U-BOLT 5/8-11 X 4 1/32 X 3 3/8        |
| 2      | 807-007C | SPRING LEVER                          |
| 2      | 807-113C | SPRING EXT 1 7/8OD X 8 3/8 X .25W     |
| 2      | 811-063C | EL 3/4MJIC 3/4MORB                    |
| 2      | 811-088C | AD 3/4MORB 3/4MJIC                    |
| 2      | 811-249C | TE 9/16MJIC 9/16MJIC 3/4MO            |
| 1      | 821-001C | PAINT GP GREEN SPRAY CAN              |
| 2      | 841-056C | HH1/2R1 336 3/4MORB 3/4FJI            |
| 2      | VER-2M3K | HH 1/2 M3K 3/4F JIC 3/4F JIC 90 X 168 |

# 196-382A 40P, 40F Lock Upgrade 04 No Mrk

Your kit includes:

| 2 VER-25390 HH1/2M3K 3/4FJIC 3/4FJIC90 2 123-320D BOX MOUNTING TUBE 2 160-019H HOSE LOOP 2 F/8 W TAB OPEN 2 196-377H TOOLB LOCK ARM WELDM 1 196-378M MANUAL 40P 2003,04 LOCK UP 2 196-380H HOSE GUIDE 40P CLUTCH 1 196-381H DEPTH VALVE MOUNT 4 196-856D GW SWIVEL LOCK LUG 2 196-859D GW SWIVEL LOCK SPREADER LI 1 196-862D SELECTOR VALVE MOUNT STRAP 2 196-888D NUT RND 7/8-9 2.25 OD 1.03 2 196-888D NUT RND 7/8-9 2.25 OD 1.03 2 196-889D SPRING ANCHOR ANGLE 4 196-891D TUBE RND 1 1/4ODX3/16X1.05 2 196-996D TOOLBAR LOCK BAR 1 196-897D GW SWIVEL LOW BAR 1 196-897D GW SWIVEL SHOLE FIELD WE 2 196-904D DEPTH STOP CURVED LINK PLA 1 196-905D DEPTH STOP CURVED LINK PLA 1 196-91TD BAR FLT HR 3/16X1 3/4X4.88 2 196-907D DEPTH STOP TUBE BRACKET 1 196-91TD BAR FLT HR 3/16X1 3/4X4.88 2 402-037D SLEEVE IDLER PIVOT 6 800-082C CABLE TIE. 31X21.5 6DIA 12 4 802-017C HHCS 3/8-16X3 GR5 4 802-275C HHCS 3/8-16X3 GR5 4 802-275C HHCS 3/8-16X3 GR5 2 802-143C HHCS 3/8-16X3 GR5 2 802-622C HHCS 3/8-16X3 GR5 2 802-622C HHCS 3/8-16X GR5 3 802-463C RHSNB 1/2-13X5 GR5 4 803-014C NUT HEX 3/8-16 PLT 6 803-014C NUT HEX 3/8-16 PLT 7 1  |
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| 2 196-377H TOOLB LOCK ARM WELDM 1 196-378M MANUAL 40P 2003,04 LOCK UP 2 196-380H HOSE GUIDE 40P CLUTCH 1 196-381H DEPTH VALVE MOUNT 4 196-385D GW SWIVEL LOCK LUG 2 196-859D GW SWIVEL LOCK SPREADER LI 1 196-862D SELECTOR VALVE MOUNT STRAP 2 196-888D NUT RND 7/8-9 2.25 OD 1.03 2 196-889D SPRING ANCHOR ANGLE 4 196-891D TUBE RND 1 1/40DX3/16X1.05 2 196-896D TOOLBAR LOCK BAR 1 196-897D GW SWIVEL 3HOLE FIELD WE 2 196-904D DEPTH STOP CURVED LINK PLA 1 196-905D DEPTH STOP SLIDE TUBE 3 196-906D TUBE RND CREW 3/40DX12GX3. 2 196-907D DEPTH STOP TUBE BRACKET 1 196-911D BAR FLT HR 3/16X1 3/4X4.88 2 402-037D SLEEVE IDLER PIVOT 6 800-882C CABLE TIE. 31X21.5 6DIA 12 4 802-017C HHCS 3/8-16X2 GR5 4 802-024C HHCS 3/8-16X2 GR5 4 802-275C HHCS 3/8-16X2 GR5 3 802-463C RHSNB 1/2-13X5 GR5 2 802-463C RHSNB 1/2-13X5 GR5 2 802-622C HHCS 7/8-9X2 3/4 GR8 2 802-622C HHCS 7/8-9X1 1/2 GR5 2 803-020C NUT HEX 1/2-13 PLT 2 803-020C NUT HEX 1/2-13 PLT 2 803-020C NUT HEX 3/8-16 PLT 3 804-011C WASHER FLAT 3/8 USS PLT 6 804-011C WASHER FLAT 3/8 USS PLT 8 804-013C WASHER FLAT 3/8 USS PLT 8 804-013C WASHER FLAT 3/4 USS PLT 8 804-013C WASHER FLAT 3/4 USS PLT   |
| 1 196-378M MANUAL 40P 2003.04 LOCK UP 2 196-380H HOSE GUIDE 40P CLUTCH 1 196-381H DEPTH VALVE MOUNT 4 196-856D GW SWIVEL LOCK LUG 2 196-859D GW SWIVEL LOCK SPREADER LI 2 196-862D SELECTOR VALVE MOUNT STRAP 2 196-888D NUT RND 7/8-9 2.25 OD 1.03 2 196-889D SPRING ANCHOR ANGLE 4 196-891D TUBE RND 1 1/40DX3/16X1.05 2 196-899D GW SWIVEL 3HOLE FIELD WE 2 196-896D TOOLBAR LOCK BAR 1 196-897D GW SWIVEL 3HOLE FIELD WE 2 196-904D DEPTH STOP CURVED LINK PLA 1 196-905D DEPTH STOP SLIDE TUBE 3 196-906D TUBE RND CREW 3/40DX12GX3. 2 196-907D DEPTH STOP TUBE BRACKET 1 196-911D BAR FLT HR 3/16X1 3/4X4.88 2 402-037D SLEEVE IDLER PIVOT 6 800-082C CABLE TIE 3/1X21.5 6DIA 12 4 802-017C HHCS 3/8-16X1 GR5 4 802-024C HHCS 3/8-16X2 GR5 4 802-255C HHCS 7/8-9X2 3/4 GR8 2 802-432C HHCS 3/8-16X2 1/4 GR5 3 802-463C RHSNB 1/2-13X5 GR5 2 802-622C HHCS 7/8-9X1 1/2 GR5 2 802-622C HHCS 7/8-9X1 1/2 GR5 2 803-013C NUT LOCK 3/8-16 PLT 3 803-020C NUT HEX 3/8-16X4 PLT 2 803-021C NUT HEX 3/8-16 PLT 3 803-02C NUT HEX 3/8-10 PLT 2 803-048C NUT HEX 3/8-10 PLT 3 803-02C NUT HEX 3/8-10 PLT 4 804-011C WASHER FLAT 3/8 USS PLT 4 804-013C WASHER LOCK SPRING 3/8 PLT 5 96-804-024C WASHER LOCK SPRING 5/8 PLT 5 96-804-024C WASHER LOCK SPRING 5/8 PLT 5 96-804-024C WASHER LOCK SPRING 5/8 PLT   |
| 2 196-380H HOSE GUIDE 40P CLUTCH 1 196-381H DEPTH VALVE MOUNT 4 196-856D GW SWIVEL LOCK LUG 2 196-859D GW SWIVEL LOCK SPREADER LI 1 196-862D SELECTOR VALVE MOUNT STRAP 2 196-888D NUT RND 7/8-9 2.25 OD 1.03 2 196-889D SPRING ANCHOR ANGLE 4 196-891D TUBE RND 1 1/40DX3/16X1.05 2 196-896D TOOLBAR LOCK BAR 1 196-897D GW SWIVEL 3HOLE FIELD WE 2 196-904D DEPTH STOP CURVED LINK PLA 1 196-905D DEPTH STOP CURVED LINK PLA 1 196-905D DEPTH STOP SLIDE TUBE 3 196-907D DEPTH STOP SLIDE TUBE 3 196-907D DEPTH STOP TUBE BRACKET 1 196-911D BAR FLT HR 3/16X1 3/4X4.88 2 402-037D SLEEVE IDLER PIVOT 6 800-082C CABLE TIE .31X21.5 6DIA 12 4 802-017C HHCS 3/8-16X1 GR5 2 802-143C HHCS 3/8-16X2 GR5 4 802-275C HHCS 7/8-9X2 3/4 GR8 2 802-463C RHSNB 1/2-13X5 GR5 2 802-622C HHCS 7/8-9X1 1/2 GR5 3 802-62C HHCS 7/8-9X1 1/2 GR5 2 802-62C HHCS 7/8-9X1 1/2 GR5 2 802-62C HHCS 7/8-9X1 1/2 GR5 3 803-021C NUT HEX 1/2-13 PLT 2 803-02TC NUT HEX 5/8-16 PLT 3 803-02C NUT HEX 5/8-16 PLT 4 804-011C WASHER FLAT 3/8 USS PLT 8 804-013C WASHER LOCK SPRING 3/8 PLT 8 804-013C WASHER LOCK SPRING 3/8 PLT 8 804-013C WASHER LOCK SPRING 3/8 PLT 8 804-013C WASHER LOCK SPRING 5/8 PLT 8 804-013C WASHER LOCK SPRING 5/8 PLT 8 804-024C WASHER LOCK SPRING 5/8 PLT 8 804-022C WASHER LOCK SPRING 5/8 PLT   |
| 1 196-851H DEPTH VALVE MOUNT 4 196-859D GW SWIVEL LOCK LUG 2 196-859D GW SWIVEL LOCK SPREADER LI 1 196-862D SELECTOR VALVE MOUNT STRAP 2 196-888D NUT RND 7/8-9 2.25 OD 1.03 2 196-888D NUT RND 7/8-9 2.25 OD 1.03 2 196-889D SPRING ANCHOR ANGLE 4 196-891D TUBE RND 1 1/4ODX3/16X1.05 2 196-896D TOOLBAR LOCK BAR 1 196-897D GW SWIVEL 3HOLE FIELD WE 2 196-904D DEPTH STOP CURVED LINK PLA 1 196-905D DEPTH STOP CURVED LINK PLA 1 196-905D DEPTH STOP SLIDE TUBE 3 196-906D TUBE RND CREW 3/4ODX12GX3. 2 196-907D DEPTH STOP TUBE BRACKET 1 196-911D BAR FLT HR 3/16X1 3/4X4.88 2 402-037D SLEEVE IDLER PIVOT 6 800-082C CABLE TIE .31X21.5 6DIA 12 4 802-017C HHCS 3/8-16X3 GR5 2 802-143C HHCS 3/8-16X3 GR5 2 802-143C HHCS 3/8-16X2 GR5 4 802-25C HHCS 3/8-16X2 1/4 GR5 3 802-463C RHSNB 1/2-13X5 GR5 2 802-62C HHCS 3/8-16X2 1/4 GR5 2 802-62C HHCS 3/8-16X2 1/4 GR5 3 802-463C RHSNB 1/2-13X5 GR5 4 803-013C NUT LOCK 3/8-16 PLT 3 803-020C NUT HEX 1/2-13 PLT 2 803-027C NUT HEX 3/8-16 PLT 3 803-020C NUT HEX 3/8-16 PLT 4 804-013C WASHER LOCK SPRING 3/8 PLT 4 804-013C WASHER LOCK SPRING 3/8 PLT 5 804-022C WASHER LOCK SPRING 3/8 PLT 5 804-022C WASHER LOCK SPRING 3/8 PLT 5 904-022C WASHER LOCK SPRING 5/8 PLT 5 904-022C WASHER LOCK SPRING 5/8 PLT 5 905-024C WASHER LOCK SPRING 5/8 PLT 5 905-024C WASHER LOCK SPRING 5/8 PLT    |
| 2 196-859D GW SWIVEL LOCK SPREADER LI 1 196-862D SELECTOR VALVE MOUNT STRAP 2 196-888D NUT RND 7/8-9 2.25 OD 1.03 2 196-889D SPRING ANCHOR ANGLE 4 196-896D TUBE RND 1 1/4ODX3/16X1.05 2 196-896D TOOLBAR LOCK BAR 1 196-897D GW SWIVEL 3HOLE FIELD WE 2 196-904D DEPTH STOP CURVED LINK PLA 1 196-905D DEPTH STOP CURVED LINK PLA 1 196-905D DEPTH STOP SLIDE TUBE 3 196-906D TUBE RND CREW 3/4ODX12GX3. 2 196-907D DEPTH STOP TUBE BRACKET 1 196-911D BAR FLIT HR 3/16X1 3/4X4.88 2 402-037D SLEEVE IDLER PIVOT 6 800-082C CABLE TIE .31X21.5 6DIA 12 4 802-017C HHCS 3/8-16X1 GR5 2 802-143C HHCS 3/8-16X2 GR5 4 802-275C HHCS 3/8-16X2 GR5 4 802-275C HHCS 3/8-16X2 GR5 2 802-622C HHCS 3/8-16X2 GR5 3 802-6262C HHCS 3/8-16X2 GR5 2 802-624C CLOSED EYE BOLT 3/8-16X4 2 803-013C NUT LOCK 3/8-16 PLT 3 803-020C NUT HEX 1/2-13 PLT 2 803-027C NUT HEX 3/4-10 PLT 2 803-027C NUT HEX 3/4-10 PLT 3 804-013C WASHER LOCK SPRING 3/8 PLT 4 804-013C WASHER LOCK SPRING 3/8 PLT 4 804-013C WASHER LOCK SPRING 3/8 PLT 4 804-022C WASHER LOCK SPRING 3/8 PLT 4 804-022C WASHER LOCK SPRING 1/2 PLT  |
| 1 196-882D SELECTOR VALVE MOUNT STRAP 2 196-888D NUT RND 7/8-9 2.25 OD 1.03 2 196-889D SPRING ANCHOR ANGLE 4 196-891D TUBE RND 1 1/40DX3/16X1.05 2 196-896D TOOLBAR LOCK BAR 1 196-897D GW SWIVEL 3HOLE FIELD WE 2 196-904D DEPTH STOP CURVED LINK PLA 1 196-905D DEPTH STOP SLIDE TUBE 3 196-906D TUBE RND CREW 3/40DX12GX3. 2 196-907D DEPTH STOP TUBE BRACKET 1 196-911D BAR FLT HR 3/16X1 3/4X4.88 2 402-037D SLEEVE IDLER PIVOT 6 800-082C CABLE TIE .31X21.5 6DIA 12 4 802-017C HHCS 3/8-16X3 GR5 2 802-143C HHCS 3/8-16X3 GR5 4 802-275C HHCS 7/8-9X2 3/4 GR8 2 802-832C HHCS 3/8-16X2 (GR5 4 802-832C HHCS 3/8-16X2 (AG5 2 802-463C RHSNB 1/2-13X5 GR5 2 802-674C CLOSED EYE BOLT 3/8-16X4 NUT LOCK 3/8-16 PLT 3 803-013C NUT LOCK 3/8-16 PLT 2 803-021C NUT HEX 3/8-16 PLT 2 803-027C NUT HEX 3/8-10 PLT 3 804-013C WASHER LOCK SPRING 3/8 PLT 3 804-022C WASHER LOCK SPRING 3/8 PLT 4 804-022C WASHER FLAT 3/4 USS PLT   |
| 2 196-888D NUT RND 7/8-9 2.25 OD 1.03 2 196-889D SPRING ANCHOR ANGLE 4 196-891D TUBE RND 1 1/40DX3/16X1.05 2 196-896D TOOLBAR LOCK BAR 1 196-897D GW SWIVEL SHOLE FIELD WE 2 196-904D DEPTH STOP CURVED LINK PLA 1 196-905D DEPTH STOP SLIDE TUBE 3 196-906D TUBE RND CREW 3/40DX12GX3. 2 196-907D DEPTH STOP TUBE BRACKET 1 196-911D BAR FLT HR 3/16X1 3/4X4.88 2 402-037D SLEEVE IDLER PIVOT 6 800-082C CABLE TIE 31X21.5 6DIA 12 4 802-017C HHCS 3/8-16X1 GR5 2 802-143C HHCS 3/8-16X3 GR5 2 802-143C HHCS 3/8-16X3 GR5 4 802-275C HHCS 7/8-9X2 3/4 GR8 2 802-382C HHCS 3/8-16X2 1/4 GR5 3 802-463C RHSNB 1/2-13X5 GR5 2 802-624C CLOSED EYE BOLT 3/8-16X4 2 803-0313C NUT LOCK 3/8-16 PLT 3 803-021C NUT HEX 3/8-16 PLT 4 803-021C NUT HEX 3/8-16 PLT 5 803-021C NUT HEX 3/8-10 PLT 5 803-021C WASHER LOCK SPRING 3/8 PLT 5 804-022C WASHER LOCK SPRING 3/8 PLT 5 804-022C WASHER LOCK SPRING 5/8 PLT  |
| 2 196-889D SPRING ANCHOR ANGLE 4 196-896D TUBE RND 1 1/40DX3/16X1.05 2 196-896D TOOLBAR LOCK BAR 1 196-897D GW SWIVEL 3HOLE FIELD WE 2 196-904D DEPTH STOP CURVED LINK PLA 1 196-905D DEPTH STOP FUDE TUBE 3 196-906D TUBE RND CREW 3/40DX12GX3. 2 196-907D DEPTH STOP TUBE BRACKET 1 196-911D BAR FLT HR 3/16X1 3/4X4.88 2 402-037D SLEEVE IDLER PIVOT 6 800-082C CABLE TIE. 31X21.5 6DIA 12 4 802-017C HHCS 3/8-16X1 GR5 2 802-143C HHCS 3/8-16X2 GR5 4 802-275C HHCS 3/8-16X2 GR5 4 802-275C HHCS 3/8-16X2 GR5 3 802-463C RHSNB 1/2-13X5 GR5 2 802-382C HHCS 3/8-16X GR5 2 802-622C HHCS 7/8-9X1 1/2 GR5 2 802-622C HHCS 7/8-9X1 1/2 GR5 2 802-674C CLOSED EYE BOLT 3/8-16X4 2 803-013C NUT LOCK 3/8-16 PLT 3 803-020C NUT HEX 3/8-16 PLT 3 803-021C NUT HEX 3/8-10 PLT 2 803-027C NUT HEX 3/8-10 PLT 2 803-027C NUT HEX 3/4-10 PLT 2 803-046C WASHER FLAT 3/8 USS PLT 8 804-013C WASHER FLAT 3/8 USS PLT 8 804-013C WASHER FLAT 3/4 USS PLT 9 804-022C WASHER LOCK SPRING 5/8 PLT 9 804-022C WASHER LOCK SPRING 5/8 PLT 9 804-022C WASHER LOCK SPRING 5/8 PLT  |
| 4       196-891D       TUBE RND 1 1/4ODX3/16X1.05         2       196-897D       GW SWIVEL 3HOLE FIELD WE         2       196-904D       DEPTH STOP CURVED LINK PLA         1       196-905D       DEPTH STOP SLIDE TUBE         3       196-906D       TUBE RND CREW 3/4ODX12GX3.         2       196-907D       DEPTH STOP TUBE BRACKET         1       196-911D       BAR FLT HR 3/16X1 3/4X4.88         2       402-037D       SLEEVE IDLER PIVOT         6       800-082C       CABLE TIE .31X21.5 6DIA 12         4       802-017C       HHCS 3/8-16X1 GR5         2       802-024C       HHCS 3/8-16X3 GR5         2       802-143C       HHCS 3/8-16X2 GR5         4       802-275C       HHCS 3/8-16X2 GR5         2       802-382C       HHCS 3/8-16X2 1/4 GR5         3       802-463C       RHSNB 1/2-13X5 GR5         2       802-674C       CLOSED EVE BOLT 3/8-16X4         2       802-674C       CLOSED EVE BOLT 3/8-16X4         2       803-013C       NUT LOCK 3/8-16 PLT         3       803-020C       NUT HEX 3/8-16 PLT         2       803-021C       NUT HEX 3/8-10 PLT         2       803-021C       NUT HEX 3/8-10 PLT  |
| 2 196-896D TOOLBAR LOCK BAR 1 196-897D GW SWIVEL 3HOLE FIELD WE 2 196-904D DEPTH STOP CURVED LINK PLA 1 196-905D DEPTH STOP SLIDE TUBE 3 196-906D TUBE RND CREW 3/40DX12GX3. 2 196-907D DEPTH STOP TUBE BRACKET 1 196-911D BAR FLT HR 3/16X1 3/4X4.88 2 402-037D SLEEVE IDLER PIVOT 6 800-082C CABLE TIE .31X21.5 6DIA 12 4 802-017C HHCS 3/8-16X3 GR5 2 802-024C HHCS 3/8-16X2 GR5 2 802-143C HHCS 3/8-16X2 GR5 4 802-275C HHCS 3/8-16X2 GR5 2 802-382C HHCS 3/8-16X2 1/4 GR5 3 802-463C RHSNB 1/2-13X5 GR5 2 802-622C HHCS 3/8-16 PLT 3 803-013C NUT LOCK 3/8-16 PLT 6 803-014C NUT HEX 3/8-16 PLT 7 803-021C NUT HEX 3/4-10 PLT 2 803-027C NUT HEX 3/4-10 PLT 2 803-027C NUT HEX 3/4-10 PLT 2 803-048C WASHER LOCK SPRING 3/8 PLT 3 804-013C WASHER LOCK SPRING 3/8 PLT 3 804-022C WASHER LOCK SPRING 3/8 PLT 3 804-022C WASHER LOCK SPRING 3/8 PLT 3 804-022C WASHER LOCK SPRING 1/2 PLT   |
| 1 196-897D GW SWIVEL 3HOLE FIELD WE 2 196-904D DEPTH STOP CURVED LINK PLA 1 196-905D DEPTH STOP SLIDE TUBE 3 196-906D TUBE RND CREW 3/40DX12GX3. 2 196-907D DEPTH STOP TUBE BRACKET 1 196-911D BAR FLT HR 3/16X1 3/4X4.88 2 402-037D SLEEVE IDLER PIVOT 6 800-082C CABLE TIE .31X21.5 6DIA 12 4 802-017C HHCS 3/8-16X1 GR5 2 802-044C HHCS 3/8-16X3 GR5 2 802-143C HHCS 3/8-16X2 GR5 4 802-275C HHCS 7/8-9X2 3/4 GR8 2 802-382C HHCS 3/8-16X2 1/4 GR5 3 802-463C RHSNB 1/2-13X5 GR5 2 802-622C HHCS 7/8-9X1 1/2 GR5 2 802-622C HCS 7/8-9X1 1/2 GR5 2 802-674C CLOSED EYE BOLT 3/8-16X4 2 803-013C NUT LOCK 3/8-16 PLT 6 803-014C NUT HEX 3/8-16 PLT 2 803-021C NUT HEX 3/4-10 PLT 2 803-021C NUT HEX 3/4-10 PLT 2 803-027C NUT HEX JA/4-10 PLT 2 803-027C NUT HEX JA/4-10 PLT 3 804-013C WASHER LOCK SPRING 3/8 PLT 3 804-015C WASHER LOCK SPRING 3/8 PLT 3 804-022C WASHER LOCK SPRING 3/8 PLT 4 WASHER LOCK SPRING 3/8 PLT  |
| 2       196-904D       DEPTH STOP CURVED LINK PLA         1       196-905D       DEPTH STOP SLIDE TUBE         3       196-906D       TUBE RND CREW 3/40DX12GX3.         2       196-907D       DEPTH STOP TUBE BRACKET         1       196-901D       BAR FLT HR 3/16X1 3/4X4.88         2       402-037D       SLEEVE IDLER PIVOT         6       800-082C       CABLE TIE .31X21.5 6DIA 12         4       802-017C       HHCS 3/8-16X1 GR5         2       802-024C       HHCS 3/8-16X3 GR5         2       802-143C       HHCS 3/8-16X2 GR5         4       802-275C       HHCS 3/8-16X2 HGR5         2       802-143C       HHCS 3/8-16X2 HGR5         3       802-282C       HHCS 3/8-16X2 1/4 GR5         3       802-382C       HHCS 3/8-16X2 1/4 GR5         3       802-622C       HHCS 7/8-9X1 1/2 GR5         2       802-622C       HHCS 7/8-9X1 1/2 GR5         2       803-013C       NUT LOCK 3/8-16 PLT         3       803-014C       NUT HEX 3/8-16 PLT         3       803-021C       NUT HEX 5/8-11 PLT         2       803-021C       NUT HEX 3/4-10 PLT         2       803-027C       NUT HEX 3/8-10 PLT  |
| 1 196-905D DEPTH STOP SLIDE TUBE 3 196-906D TUBE RND CREW 3/4ODX12GX3. 2 196-907D DEPTH STOP TUBE BRACKET 1 196-911D BAR FLT HR 3/16X1 3/4X4.88 2 402-037D SLEEVE IDLER PIVOT 6 800-082C CABLE TIE .31X21.5 6DIA 12 4 802-017C HHCS 3/8-16X1 GR5 2 802-024C HHCS 3/8-16X3 GR5 2 802-143C HHCS 3/8-16X3 GR5 2 802-143C HHCS 3/8-16X2 GR5 4 802-275C HHCS 7/8-9X2 3/4 GR8 2 802-382C HHCS 7/8-9X1 1/2 GR5 3 802-463C RHSNB 1/2-13X5 GR5 2 802-622C HHCS 7/8-9X1 1/2 GR5 2 802-674C CLOSED EYE BOLT 3/8-16X4 2 803-013C NUT LOCK 3/8-16 PLT 3 803-020C NUT HEX 3/8-16 PLT 2 803-021C NUT HEX 3/8-10 PLT 2 803-021C NUT HEX 5/8-11 PLT 2 803-048C NUT HEX 3/4-10 PLT 6 804-011C WASHER FLAT 3/8 USS PLT 8 804-013C WASHER LOCK SPRING 3/8 PLT 2 804-022C WASHER LOCK SPRING 3/8 PLT 2 804-022C WASHER LOCK SPRING 5/8 PLT  |
| 3       196-906D       TUBE RND CREW 3/40DX12GX3.         2       196-907D       DEPTH STOP TUBE BRACKET         1       196-911D       BAR FLT HR 3/16X1 3/4X4.88         2       402-037D       SLEEVE IDLER PIVOT         6       800-082C       CABLE TIE .31X21.5 6DIA 12         4       802-017C       HHCS 3/8-16X1 GR5         2       802-024C       HHCS 3/8-16X3 GR5         2       802-143C       HHCS 3/8-16X2 GR5         4       802-275C       HHCS 7/8-9X2 3/4 GR8         2       802-382C       HHCS 3/8-16X2 1/4 GR5         3       802-463C       RHSNB 1/2-13X5 GR5         2       802-622C       HHCS 7/8-9X1 1/2 GR5         2       802-674C       CLOSED EYE BOLT 3/8-16X4         2       803-013C       NUT LOCK 3/8-16 PLT         3       803-020C       NUT HEX 3/8-16 PLT         3       803-021C       NUT HEX 1/2-13 PLT         2       803-021C       NUT HEX 3/4-10 PLT         2       803-048C       NUT HEX JAM 3/4-10 PLT         6       804-011C       WASHER FLAT 3/8 USS PLT         8       804-013C       WASHER LOCK SPRING 3/8 PLT         3       804-024C       WASHER FLAT 3/4 USS PLT  |
| 2 196-907D DEPTH STOP TUBE BRACKET 1 196-911D BAR FLT HR 3/16X1 3/4X4.88 2 402-037D SLEEVE IDLER PIVOT 6 800-082C CABLE TIE .31X21.5 6DIA 12 4 802-017C HHCS 3/8-16X1 GR5 2 802-024C HHCS 3/8-16X3 GR5 2 802-143C HHCS 3/8-16X2 GR5 4 802-275C HHCS 7/8-9X2 3/4 GR8 2 802-382C HHCS 3/8-16X2 1/4 GR5 3 802-463C RHSNB 1/2-13X5 GR5 2 802-622C HHCS 7/8-9X1 1/2 GR5 2 802-674C CLOSED EYE BOLT 3/8-16X4 2 803-013C NUT LOCK 3/8-16 PLT 3 803-020C NUT HEX 3/8-16 PLT 3 803-021C NUT HEX 3/8-11 PLT 2 803-021C NUT HEX 3/4-10 PLT 2 803-027C NUT HEX 3/4-10 PLT 3 804-013C WASHER FLAT 3/8 USS PLT 8 804-013C WASHER LOCK SPRING 3/8 PLT 9 804-022C WASHER LOCK SPRING 1/2 PLT 9 804-022C WASHER LOCK SPRING 5/8 PLT 9 804-024C WASHER FLAT 3/4 USS PLT  |
| 1 196-911D BAR FLT HR 3/16X1 3/4X4.88 2 402-037D SLEEVE IDLER PIVOT 6 800-082C CABLE TIE .31X21.5 6DIA 12 4 802-017C HHCS 3/8-16X1 GR5 2 802-024C HHCS 3/8-16X3 GR5 2 802-143C HHCS 3/8-16X2 GR5 4 802-275C HHCS 7/8-9X2 3/4 GR8 2 802-382C HHCS 3/8-16X2 1/4 GR5 3 802-463C RHSNB 1/2-13X5 GR5 2 802-622C HHCS 7/8-9X1 1/2 GR5 2 802-622C HHCS 7/8-9X1 1/2 GR5 2 802-674C CLOSED EYE BOLT 3/8-16X4 2 803-013C NUT LOCK 3/8-16 PLT 6 803-014C NUT HEX 3/8-16 PLT 3 803-020C NUT HEX 1/2-13 PLT 2 803-021C NUT HEX 1/2-13 PLT 2 803-027C NUT HEX 3/4-10 PLT 2 803-048C NUT HEX JAM 3/4-10 PLT 6 804-011C WASHER FLAT 3/8 USS PLT 8 804-015C WASHER LOCK SPRING 3/8 PLT 2 804-022C WASHER LOCK SPRING 3/8 PLT 2 804-022C WASHER LOCK SPRING 1/2 PLT  |
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| 2 804-024C WASHER FLAT 3/4 USS PLT   |
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| 5 55 1 50 1 THI CHER LOOK OF THIS 1/0 I EI   |
| 4 805-037C PIN SPIROL 1/2X2 1/2 PLAIN  |
| 1 806-019C U-BOLT 5/8-11 X 4 1/32 X 3  |
| 2 807-007C SPRING LEVER  |
| 2 807-113C SPRING EXT 1 7/8ODX8 3/8X.  |
| 1 810-274C DOUBLE SELECTOR VALVE 3/4F  |
| 2 811-063C EL 3/4MJIC 3/4MORB  |
| 2 811-088C AD 3/4MORB 3/4MJIC  |
| 2 811-249C TE 9/16MJIC 9/16MJIC 3/4MO  |
| 2 816-480C HOSE WRAP 3.0-4.5 X 24LG V  |
| 1 821-002C PAINT GP BLACK SPRAY CAN  |
| 2 841-056C HH1/2R1 336 3/4MORB 3/4FJI  |

196-378M 10/25/2004