

Hose Reel Swivel Kit

3A8689E

EN

For swivel replacement on SDX™ and XDX™ 10/20 Series Hose Reels only. For professional use only.



Important Safety Instructions

Read all warnings and instructions in this manual and in SDX and XDX 10/20 Series Hose Reels Instruction manual before using the equipment. Save all instructions.

Kit Selection:

See **Kits** table on page 2 to determine the correct replacement kit(s) for your specific hose reel.

Related Manuals

Manual in English	Description
3A8626	SDX and XDX 10/20 Series Hose Reels

Kits

Reel P/N	Frame Size	Fluid	Maximum Working Pressure	Hose Size (in./mm)	Hose Length (ft./mm)	Swivel Kit
SDL2D#	SDX10	Air/Water	300 psi (2.07 MPa, 20.7 bar)	3/8	50	133502
SDL6D#	SDX20	Air/Water		1/2	50	133503
SDL23#	SDX10	Air/Water		3/8	35	133502
SDL25#	SDX10	Air/Water		3/8	50	133502
SDL56#	SDX20	Air/Water		3/8	65	133502
SDL5J#	SDX Truck 20	Air/Water		3/8	65	133502
SDL33#	SDX10	Air/Water		1/2	35	133503
SDL65#	SDX20	Air/Water		1/2	50	133503
SDL6H#	SDX Truck 20	Air/Water		1/2	50	133503
SDM3B#	SDX10	Oil	2000 psi (13.8 MPa, 137.9 bar)	1/2	35	133504
SDM6D#	SDX20	Oil		1/2	50	133504
SDM33#	SDX10	Oil		1/2	35	133504
SDM65#	SDX20	Oil		1/2	50	133504
SDM6H#	SDX Truck 20	Oil		1/2	50	133504
SDH1D#	SDX10	Grease	8000 psi (55.2 MPa, 551.6 bar)	1/4	50	133505
SDH5D#	SDX20	Grease		3/8	50	133505
SDH15#	SDX10	Grease		1/4	50	133505
SDH23#	SDX10	Grease		3/8	35	133505
SDH55#	SDX20	Grease		3/8	50	133505
SDH5H#	SDX Truck 20	Grease		3/8	50	133505
XDL2D#	XDX10	Air/Water	300 psi (2.07 MPa, 20.7 bar)	3/8	50	133509
XDL6D#	XDX20	Air/Water		1/2	50	133508
XDL25#	XDX10	Air/Water		3/8	50	133509
XDL33#	XDX10	Air/Water		1/2	35	133508
XDL56#	XDX20	Air/Water		3/8	65	133509
XDL65#	XDX20	Air/Water		1/2	50	133508
XDM3B#	XDX10	Oil	2000 psi (13.8 MPa, 137.9 bar)	1/2	35	133507
XDM6D#	XDX20	Oil		1/2	50	133507
XDM33#	XDX10	Oil		1/2	35	133507
XDM65#	XDX20	Oil		1/2	50	133507
XDH15#	XDX10	Grease	8000 psi (55.2 MPa, 551.6 bar)	1/4	50	133506
XDH1D#	XDX10	Grease		1/4	50	133506
XDH5D#	XDX20	Grease		3/8	50	133506
XDH55#	XDX20	Grease		3/8	50	133506
XNL56D	XDX no arm 20	Air/Water	300 psi (2.07 MPa, 20.7 bar)	3/8	65	133509
XNL65D	XDX no arm 20	Air/Water		1/2	50	133508
XNM65D	XDX no arm 20	Oil	2000 psi (13.8 MPa, 137.9 bar)	1/2	50	133507
XNH55D	XDX no arm 20	Grease	8000 psi (55.2 MPa, 551.6 bar)	3/8	50	133506
2009322	XDX20 - FRL	Air Only	140 psi (0.97 MPa, 9.7 bar)	1/2	50	2010319
2010972	XDX20 - FRL	Air Only	140 psi (0.97 MPa, 9.7 bar)	1/2	50	133508

Warnings

The following warnings are for the setup, use, grounding, maintenance, and repair of this equipment. The exclamation point symbol alerts you to a general warning and the hazard symbols refer to procedure-specific risks. When these symbols appear in the body of this manual or on warning labels, refer back to these Warnings. Product-specific hazard symbols and warnings not covered in this section may appear throughout the body of this manual where applicable.

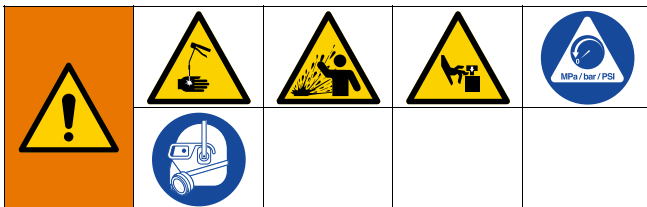
 WARNING	
    	SKIN INJECTION HAZARD High-pressure fluid from dispensing device, hose leaks, or ruptured components will pierce skin. This may look like just a cut, but it is a serious injury that can result in amputation. Get immediate surgical treatment. - Do not point dispensing device at anyone or at any part of the body. - Do not put your hand over the fluid outlet. - Do not stop or deflect leaks with your hand, body, glove, or rag. - Follow the Pressure Relief Procedure when you stop dispensing and before cleaning, checking, or servicing equipment. - Tighten all fluid connections before operating the equipment. - Check hoses and couplings daily. Replace worn or damaged parts immediately.

Operation

Pressure Relief Procedure



Follow the Pressure Relief Procedure whenever you see this symbol.



This equipment stays pressurized until pressure is manually relieved. To help prevent serious injury from pressurized fluid, such as skin injection, splashing fluid and moving parts, follow the Pressure Relief Procedure when you stop dispensing and before cleaning, checking, or servicing the equipment.

1. Turn off the power supply to the pump or close the upstream ball valve.
2. Trigger the dispense valve into a waste container to relieve pressure.
3. Open any bleed-type master air valves and fluid drain valves in the system.
4. Leave the drain valve open until ready to pressurize the system.

NOTE: If you suspect that the dispense valve or extension is clogged, or that the pressure has not been fully relieved after following the above steps, very slowly loosen the coupler or hose end coupling to relieve the pressure gradually, then loosen completely. After doing this, the obstruction can be cleared.

SDX Models - Single Pedestal



1. Perform **Pressure Relief Procedure**, page 4.
2. Reduce all spring tension by removing loops of hose from the reel spool. Count the number of loops removed so the same number can be added back after repairing (FIG. 1).
3. Disconnect the hose from the swivel elbow (FIG. 1).
4. Using temporary plugs and caps, plug the swivel assembly being replaced, and cap the hose. This is recommended for liquid applications to minimize spills (FIG. 1).
5. Unscrew the swivel shaft to remove the swivel from the spool shaft (FIG. 1).
6. Lubricate the o-ring on the shaft of the new swivel kit.
7. Attach the new swivel to the spool shaft (FIG. 1).
8. Torque the swivel shaft (25 - 30 ft-lbs, 33.9 - 40.7 N•m).
9. Connect the hose to the swivel elbow (FIG. 1).
10. Reapply the spring tension by adding the same number of hose loops to the reel spool that were removed in Step 2.
11. Test for leaks by slowly applying fluid pressure.

High Pressure Reels Only:

12. Fully extend all of the hose from the reel.
13. Pressurize the reel and hose.
14. Retract the hose.

NOTE: This relieves tension on the swivel due to hose expansion on the spool.



SPRING TENSION HAZARD

The hose reel spring is always under great tension, which if released in an uncontrolled manner could cause serious injury.

- Never allow the reel to spin freely. Uncontrolled spinning could cause serious injury if hit by the hose.
- Securely fasten the reel in place while making adjustments.
- The hose reel spring is not a serviceable part. Do not attempt to replace or service the hose reel spring.
- Always wear heavy gloves while adjusting the spring tension to protect your hands from being cut on the hose reel.

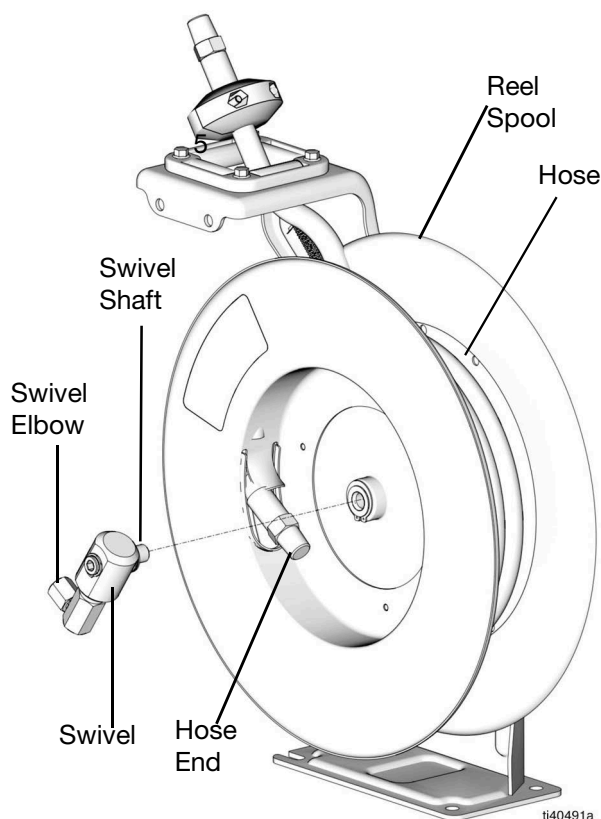


FIG. 1

XDX Models - Dual Pedestal



1. Perform **Pressure Relief Procedure**, page 4.
2. Remove the inlet hose and remove the hose reel from its mounting location.
3. Decrease spring tension:



SPRING TENSION HAZARD

The hose reel spring is always under great tension, which if released in an uncontrolled manner could cause serious injury.

- Never allow the reel to spin freely. Uncontrolled spinning could cause serious injury if hit by the hose.
- Always grasp the adjusting tool firmly with both hands when adjusting tension. Spring tension can cause the tool to move violently.
- Securely fasten the reel in place while making adjustments.
- The hose reel spring is not a serviceable part. Do not attempt to replace or service the hose reel spring.
- Always wear heavy gloves while adjusting the spring tension to protect your hands from being cut on the hose reel.

- a. Fasten the hose reel securely to a work surface before adjusting spring tension.
- b. Loosen screw (2) 3 to 5 turns. Do not completely remove it (FIG. 2).
- c. Using a hex wrench, loosen the two screws (A). Do not completely remove them (FIG. 2).
- d. Insert a 3/8 in. square drive breaker bar into opening (B) on the spring adjustment plate (C) (FIG. 2).

- e. While holding the breaker bar securely, completely remove the two screws (A) (FIG. 2).
- f. While firmly grasping the breaker bar with both hands, turn it counter-clockwise one turn at a time until the spring tension is reduced to zero (FIG. 2).

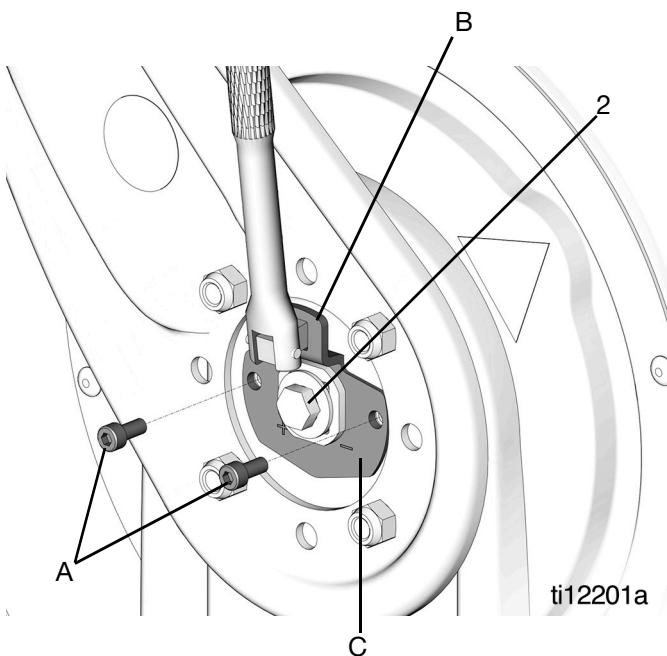
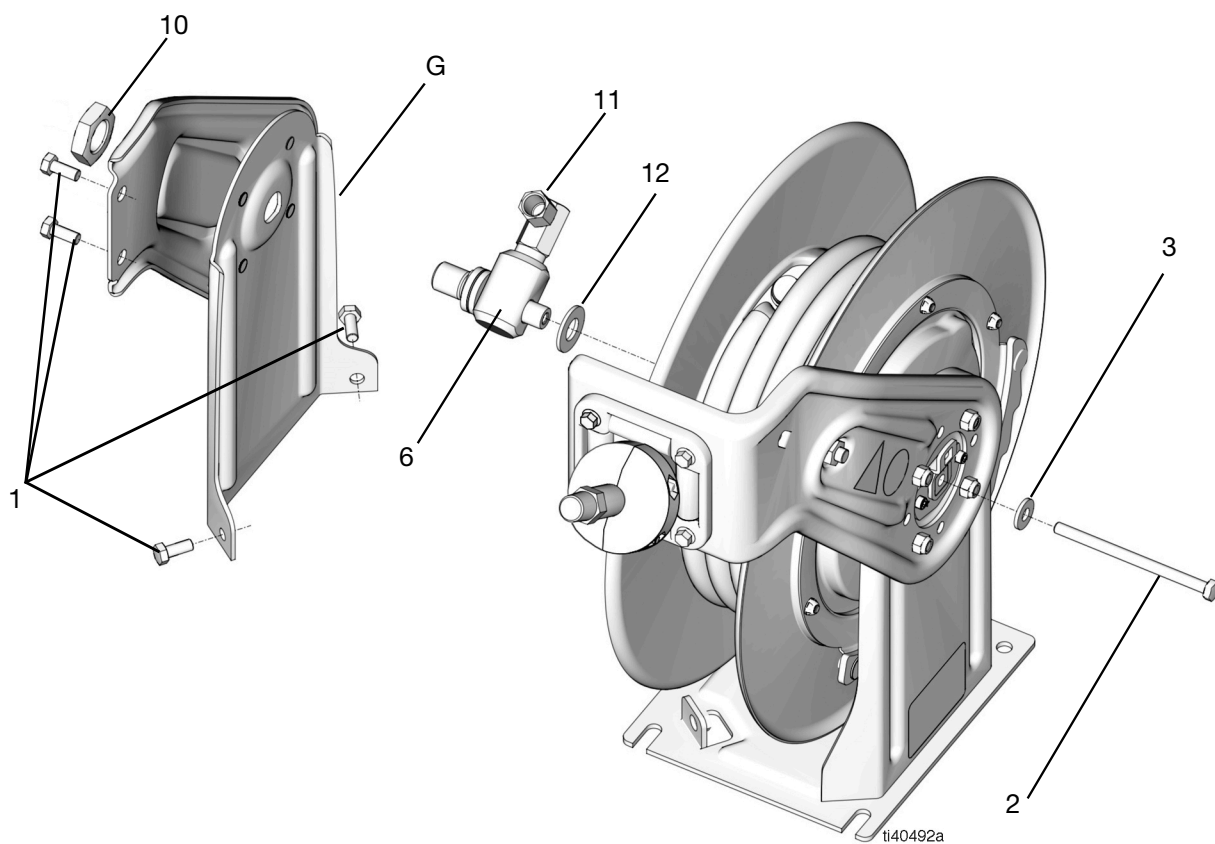


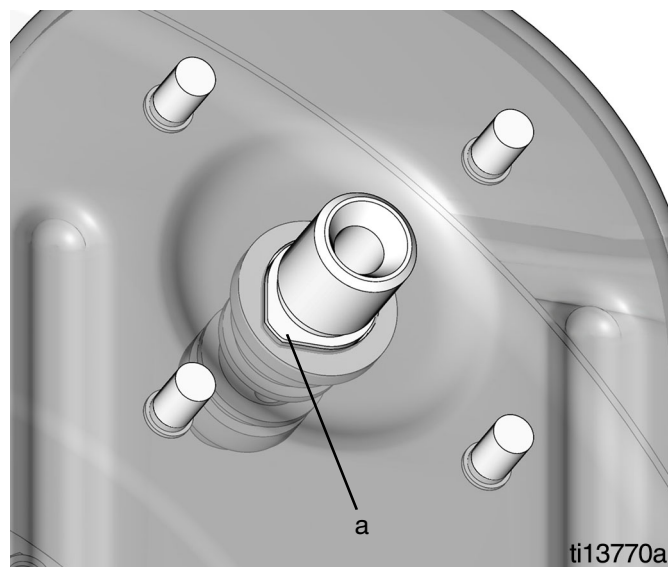
FIG. 2

- 4. Remove the screw (2) and washer (3) (FIG. 3).
- 5. Remove the screws (1) and nut (10) (FIG. 3).
- 6. Disconnect the reel hose (not shown) from the swivel elbow (11) (FIG. 3).
- 7. Lay the reel down on a flat work surface.
- 8. Remove the swivel-side pedestal (G).
- 9. Remove the swivel assembly (6) (FIG. 3).

**FIG. 3**

10. Install washer (12) onto the swivel assembly and install the replacement swivel assembly (6) in the hose reel.

NOTE: FIG. 4 shows the correct shape (a) of the swivel assembly end, and the correct alignment of the swivel to the keyhole in the pedestal. For the hose reel to operate correctly, these parts must be aligned correctly.

**FIG. 4**

Operation

11. Install the swivel-side pedestal (G) onto the reel.
12. Replace the nut (10) and screws (1).
13. Reinstall screw (2) and washer (3).
14. Connect the hose (not shown) to the elbow (11).
15. Tighten the spring tension.
 - a. Fasten the hose reel securely to a work surface before adjusting spring tension.
 - b. Insert a 3/8 in. square drive breaker bar into the opening (B) on the spring adjustment plate (C) (see FIG. 2 on page 6).
 - c. Firmly grasp the breaker bar with both hands and turn it clockwise one turn at a time to increase (tighten) the spring tension. This is typically 3 to 5 turns (see FIG. 2 on page 6).
 - d. Replace and partially tighten one screw (A). Remove the breaker bar (see FIG. 2 on page 6).
 - e. Test the tension adjustment by pulling out a section of hose and allowing it to retract.
 - f. If additional tension is required, insert the breaker bar into the bracket again and remove the screw (A). Repeat steps c through e.
 - g. Once the tension is set correctly, tighten screws (A) and (2).
16. Reinstall the hose reel to the mounting location and connect the inlet hose.

17. Test for leaks by slowly applying fluid pressure.

High Pressure Reels Only:

18. Fully extend all of the hose from the reel.
19. Pressurize the reel and hose.
20. Retract the hose.

NOTE: This relieves tension on the swivel due to hose expansion on the spool.

Recycling and Disposal

End of Product Life

At the end of the product's useful life, dismantle and recycle it in a responsible manner.

- Perform the **Pressure Relief Procedure**.
- Drain and dispose of fluids according to applicable regulations. Refer to the material manufacturer's Safety Data Sheet.
- Deliver remaining product to a recycling facility.

California Proposition 65

CALIFORNIA RESIDENTS

 **WARNING:** Cancer and reproductive harm – www.P65warnings.ca.gov.

Graco Information

For the latest information about Graco products, visit www.graco.com.

For patent information, see www.graco.com/patents.

TO PLACE AN ORDER, contact your Graco distributor or call to identify the nearest distributor.

Toll Free Phone Number: 1-800-328-0211

*All written and visual data contained in this document reflects the latest product information available at the time of publication.
Graco reserves the right to make changes at any time without notice.*

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