

Series TH5000

Replacing the Hose

1. Wind spool flange clockwise -- facing swivel -- until spring is tight.
2. Back off three turns and latch.
3. Insert hose through roller guide and hole in spool flange.
4. Connect hose fitting to swivel joint and secure hose with clamps.

Adjustments: To adjust spring tension, add or remove wraps of hose from the spool, one wrap at a time until desired tension is obtained.

Series TH7000

Installing the Input Hose

Warning: Ensure that supply line pressure does not exceed maximum working pressure rating of reel. Apply pipe thread sealant to all threads.

Caution: Use flexible hose connection at input. Do not use rigid plumbing.

1. Connect supply line hose to main shaft input and return line to swivel output.

Installing the Output Hose

Warning: Use extreme caution; reel under tension. Avoid releasing latch mechanism. Pipe thread sealant is not recommended on twin hydraulic reels.

1. Manually turn sheave until spring is tight, back off 3 turns, then latch.
2. Route output hose through guide arm bracket, U-bolts, then through cutout in spool.
3. Connect output hose to swivel.
4. Tighten U-bolts.
5. Charge hose. Momentarily open control valve to purge hose of gases. When fluid appears at control valve, close valve. With hose fully charged, release latch and wind output hose onto reel.
6. Install hose bumper.

Adjustments

Warning: Use extreme caution; reel under tension. Avoid releasing latch mechanism. If necessary, adjust spring tension on reel by adding or removing wraps of hose from spool, one wrap at a time, until desired tension is obtained. Add wraps to increase tension. Remove wraps to decrease tension.

Series TH80000

Installing the Input Hose

Warning: Ensure that supply line pressure does not exceed maximum working pressure rating of reel. Do not overtighten connection. Recommended torque not to exceed 70 ft. lb.

Caution: Use flexible hose connection at input. Do not use rigid plumbing.

1. Apply thread sealant as directed and connect swivels to main shaft inputs on opposite sides of the reel.
2. Connect customer supplied supply line hose to swivel input. Note that the supply line and return line hoses can be switched as long as caution is taken when installing output hoses; paying attention to hook-up locations on goosenecks.
3. Thread sealant is not recommended on swivel union fittings.

Installing the Output Hose

Warning: Use extreme caution; reel under tension. Avoid releasing latch mechanism.

Caution: Do not overtighten connection. Recommended torque not to exceed 70 ft. lb.

1. Manually turn sheave until spring is tight, back off 3 turns, then latch.
2. Route output hoses through roller bracket, U-bolts, then through cutout in spool.
3. Connect output hose to gooseneck paying special attention to which gooseneck should be used depending on application.
4. Verify U-bolt position conforms with guide arm position using label inside spool. Then tighten nuts on U-bolt.
5. Charge hoses. Momentarily open control valve to purge hose of gases. When fluid appears at control valve, close valve. With hose fully charged, release latch and wind output hose onto reel.
6. Install hose bumper assembly.

Adjustments

Warning: Use extreme caution; reel under tension. Avoid releasing latch mechanism. If necessary, adjust spring tension on reel by manually adding or removing wraps of hose from spool, one wrap at a time, until desired tension is obtained. Manually add wraps to increase tension. Remove wraps to decrease tension.

Caution: When adding wraps of hose, add just enough wraps to achieve the desired tension without exceeding the winding mechanism's spring capacity. Prpoerly tensioned reels allow all hose to be freely removed from the spool until the point of U-bolt contact. Damage to the winding mechanism will result if spring is over-tensioned.

Reel w/hose	Reel w/o hose	Hose I.D.	Hose Length	# Wraps
TH5425 OMP	TH5400 OMP	1/4" 6mm	25' 8m	13
TH7445 OMP	TH7400 OMP	1/4" 6mm	45' 15m	16
THA7630 OMP	THA7600 OMP	3/8" 10mm	30' 9m	16
TH86050 OMP	TH86000 OMP	3/8" 10mm	50' 15m	23
TH88050 OMP	TH88000 OMP	1/2" 13mm	50' 15m	23