



INSTALLATION INSTRUCTIONS TO UPGRADE TORK-LOK HANDLES

Swing-Out Valves manufactured prior to 1987 can be upgraded to use the current style Tork-Lok assembly. The following instructions provide directions to upgrade.

TO REMOVE THE CURRENT TORK-LOK ASSEMBLY (See Drawing A)

1. Remove the Bolt (1) and Washer (2) and remove the Handle (3).
2. Remove the six Flat Head Screws (4) and remove the Trunnion Retaining Ring (5).
3. Remove the O-Ring (12) from the top of the Trunnion Retaining Plate.
4. Remove the Handle Trunnion (6).
5. Remove the Tork-Lok Sleeve (7) and Tork-Lok Spring (8).
6. Remove the Ball Trunnion (9). Use pliers if necessary.
7. Remove the O-Ring (10) from the Ball Trunnion and discard the O-Ring.
Keep the Ball Trunnion with the Retaining Ring (11) in place.

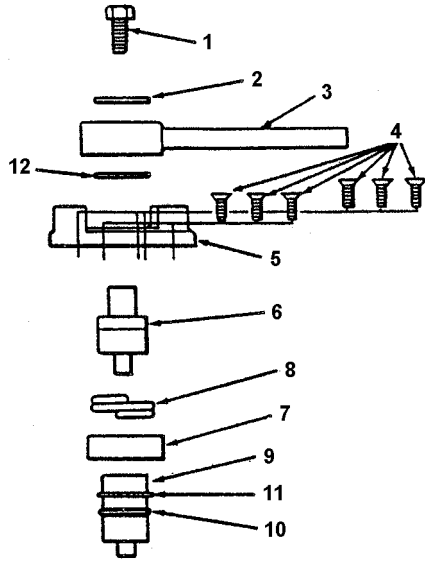
TO INSTALL THE NEW TORK-LOK ASSEMBLY (See Drawing B)

1. Lubricate the new O-Ring (12) with Parker O-Ring Lube or equivalent petroleum based lubricant and slide it into the groove on the Ball Trunnion (10).
2. Align the flats on the Ball Trunnion with the slot in the Valve Ball and push the Trunnion into place. Be sure the Retaining Ring (11) is touching the Valve Body.
3. Place the handle Trunnion Assemble onto the Ball Trunnion with the Ears on the Tork-Lok Spring aligned with the end of the Ball Trunnion with the larger recess.
4. Tighten the four Socket Head Screws (4) to secure the Trunnion Assembly to the Valve Body.
5. Place the O-Ring (7) on top of the Stop Plate.
6. Place the Stop Plate (8) over the Handle Trunnion.
7. Place the Spacer (13) over the Handle Trunnion.
8. Place the Handle (3) over the Handle Trunnion and secure with the Washer (2) and Bolt (1).
9. Turn the Valve to the closed position. The waterway can be noted by the groove in the top of the Handle Trunnion.
10. Be sure the Handle rotates in the correct direction to open the Valve.

Handle rotation can be easily changed by rotating the Handle on the Handle Trunnion. Additional positions can be obtained by also rotating the Stop Plate.

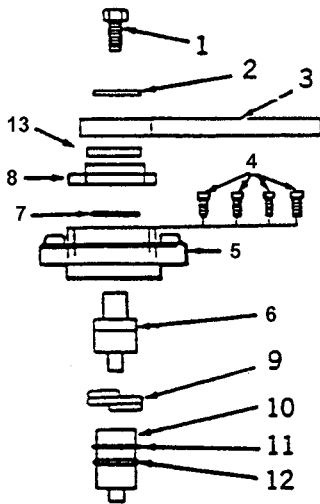
Note: The holes for the Screws and Handle Bolt both have self-locking threads. These fasteners must be tight for a proper hold.

Drawing A



ITEM	DESCRIPTION
1	Bolt
2	Washer
3	Handle
4	Flat Head Screws
5	Trunnion Retaining Plate
6	Handle Trunnion
7	Tork-Lok Sleeve
8	Tork-Lok Spring
9	Ball Trunnion
10	O-Ring
11	Retaining Ring
12	O-Ring

Drawing B



ITEM	DESCRIPTION	1" & 1 1/2"	2" - 2 1/2"	3" - 3 1/2"
1*	Bolt	765094	761045	761045
2*	Washer	784008	784120	784120
3	Handle	--	--	--
4*	Hex Head Cap Screw (4)	765028	765028	765028
5*	Trunnion Retaining Plate	742075	742089	742089
6*	Handle Trunnion	772091	772142	772142
7*	O-Ring	757009	757284	757284
8*	R-1 Stop Plate	742074	742073	742073
9*	Tork-Lok Spring	768116	768210	768210
10	Ball Trunnion	773147	773149	773275
11	Retaining Ring	758153	758154	758154
12*	O-Ring	757042	757010	757010
13	Spacer	769411	--	--

* Include in Upgrade Kit
 1" & 1 1/2" - P/N 7815-0057
 2"-3 1/2" - P/N 7825-0555



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