



Repair Parts Sheet

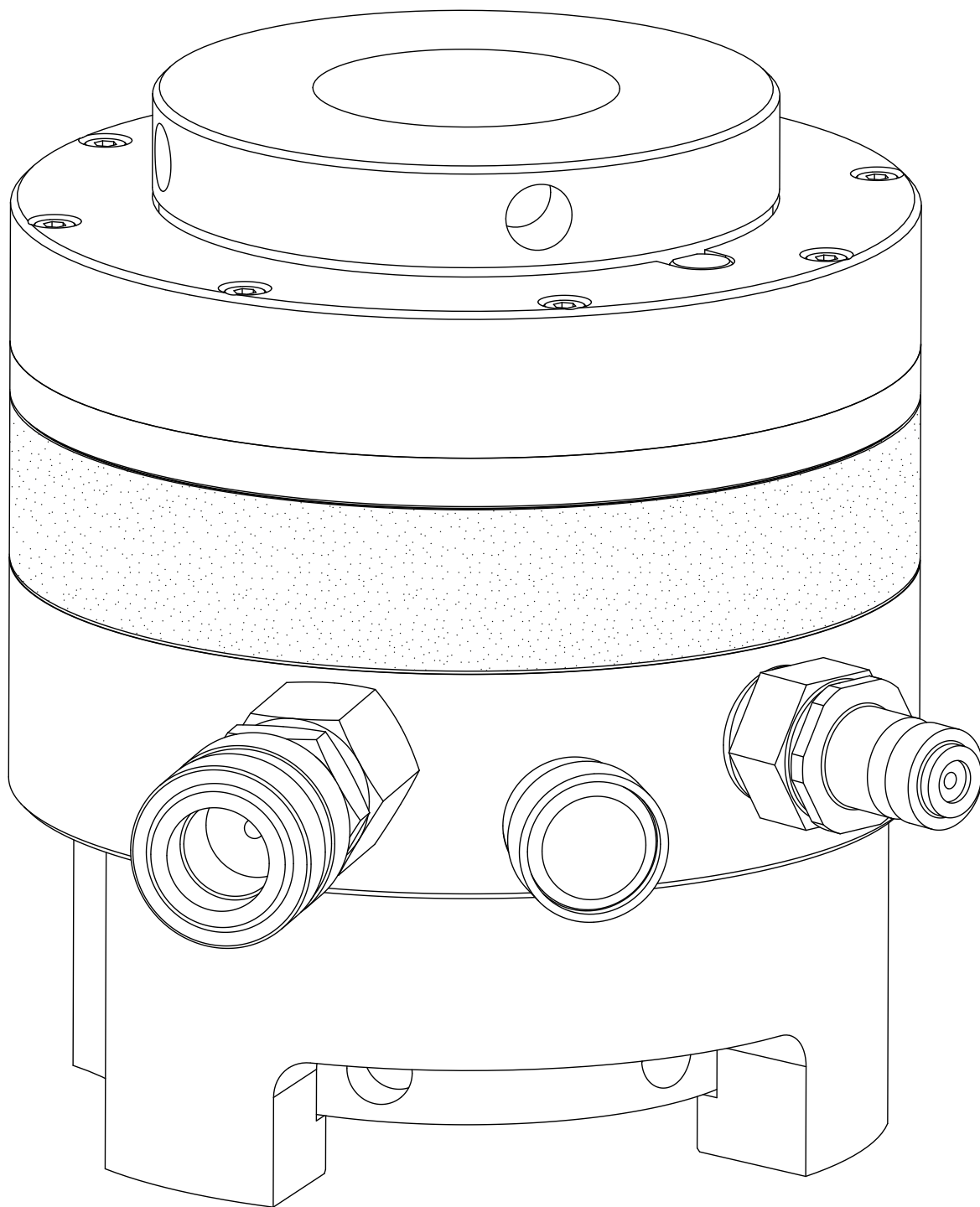
HydraMax[®] Tensioner

L4372 Rev. C 05/26

For Date Codes Beginning with the Letter "A"

To Protect Your Warranty, Use Only ENERPAC Hydraulic Oil.

Enerpac recommends that all kit components be installed to insure optimum performance of the repaired product.



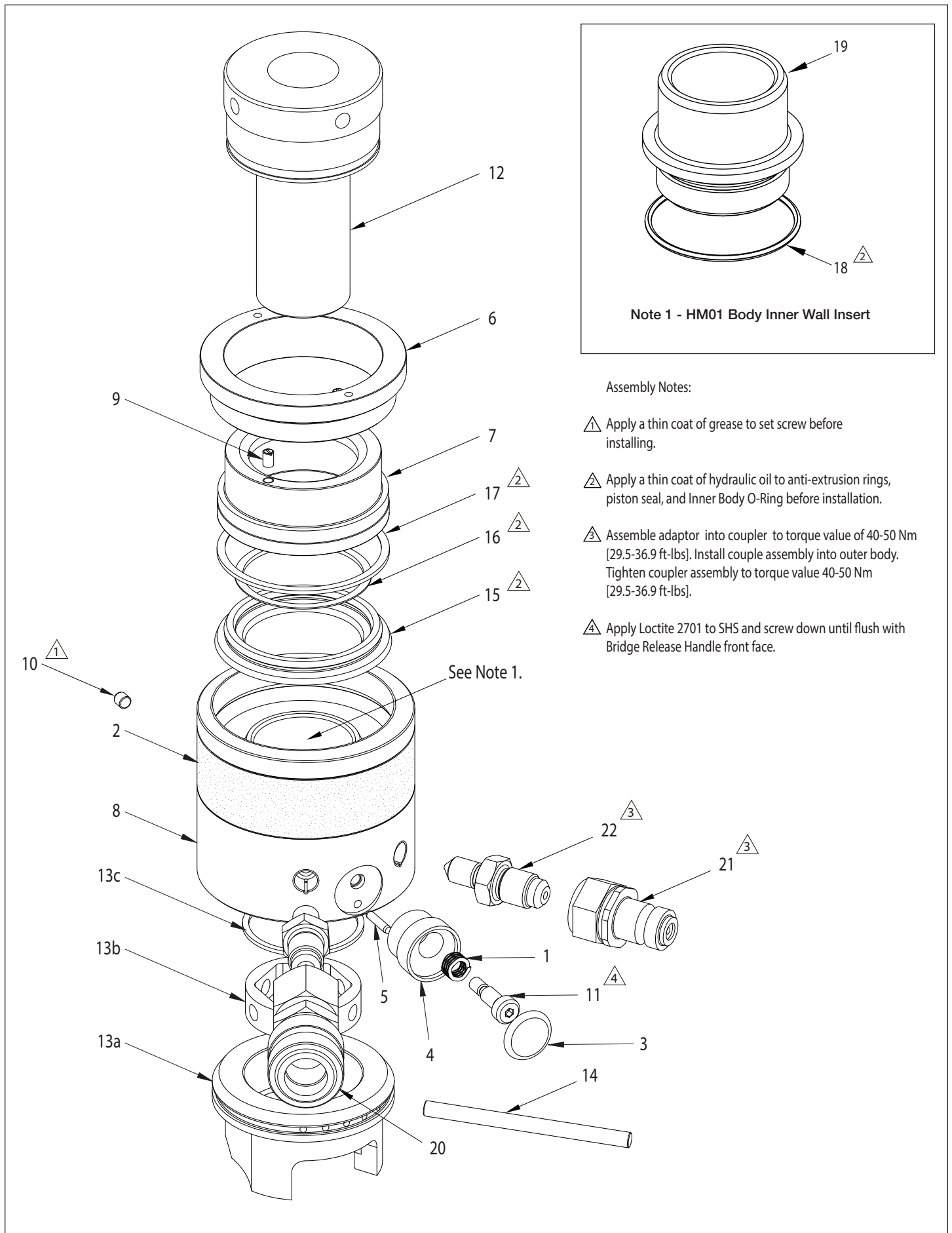


Figure 1, Exploded View, HydraMax® Series Hydraulic Tensioner (Models HM01, HM02, HM03)

**Repair Parts List For Figure 1 – HydraMax® Series Hydraulic Tensioner, Models
HM01, HM02, HM03**

Item	Description	Qty	Part Numbers		
			Model HM01	Model HM02	Model HM03
1	Wave Spring	1	▲	▼	●
2	Grip Tape	1	▲	▼	●
3	Label	1	▲	▼	●
4	Bridge Release Handle	1	▲	▼	●
5	Bridge Release Pin	1	▲	▼	●
6	Stop Ring	1	004AK0002215	004AK0002216	004AK0002217
7	Piston	1	004AB0001964	004AB0001965	004AB0001966
8	Cylinder Body Outer	1	004AA0001949	004AA0001950	004AA0001951
9	Slotted Grub Screw	2	▲	▼	●
10	Socket Set Screw	1	▲	▼	●
11	Socket Head Shoulder Screw	1	▲	▼	●
12	Puller	1	See Table 1, page 13	See Table 1, page 13	See Table 1, page 13
13	Bridge Assembly	1	See Table 1, page 13	See Table 1, page 13	See Table 1, page 13
13a	Bridge	1	See Table 1, page 13	See Table 1, page 13	See Table 1, page 13
13b	Socket	1	See Table 1, page 13	See Table 1, page 13	See Table 1, page 13
13c	Snap Ring	1	See Table 1, page 13	See Table 1, page 13	See Table 1, page 13
14	Tommy Bar (6mm Diameter)	1	TBARD06L1650	TBARD06L1650	TBARD06L1650
15	Seal	1	▲◆	▼✦	●❖
16	Seal Inner Back-Up Ring	1	▲◆	▼✦	●❖
17	Seal Outer Back-Up Ring	1	▲◆	▼✦	●❖
18	O-Ring	1	▲◆□	-	-
19	Cylinder Body Inner Wall	1	□	-	-
20	Female QD Coupler (Includes Dust Cap)	1	▲×	▼×	●×
21	Male QD (Includes Dust Cap)	1	▲×	▼×	●×
22	Adaptor	2	▲×	▼×	●×

▲ Available as part of Repair Kit HM01RK.
▼ Available as part of Repair Kit HM02RK.
● Available as part of Repair Kit HM03RK.

□ Available as part of Body Inner Wall Kit HM01BW.

◆ Available as part of Seal Kit HM01SK.
✦ Available as part of Seal Kit HM02SK.
❖ Available as part of Seal Kit HM03SK.

× Available as part of Coupler and Adaptor Kit HM01AC.

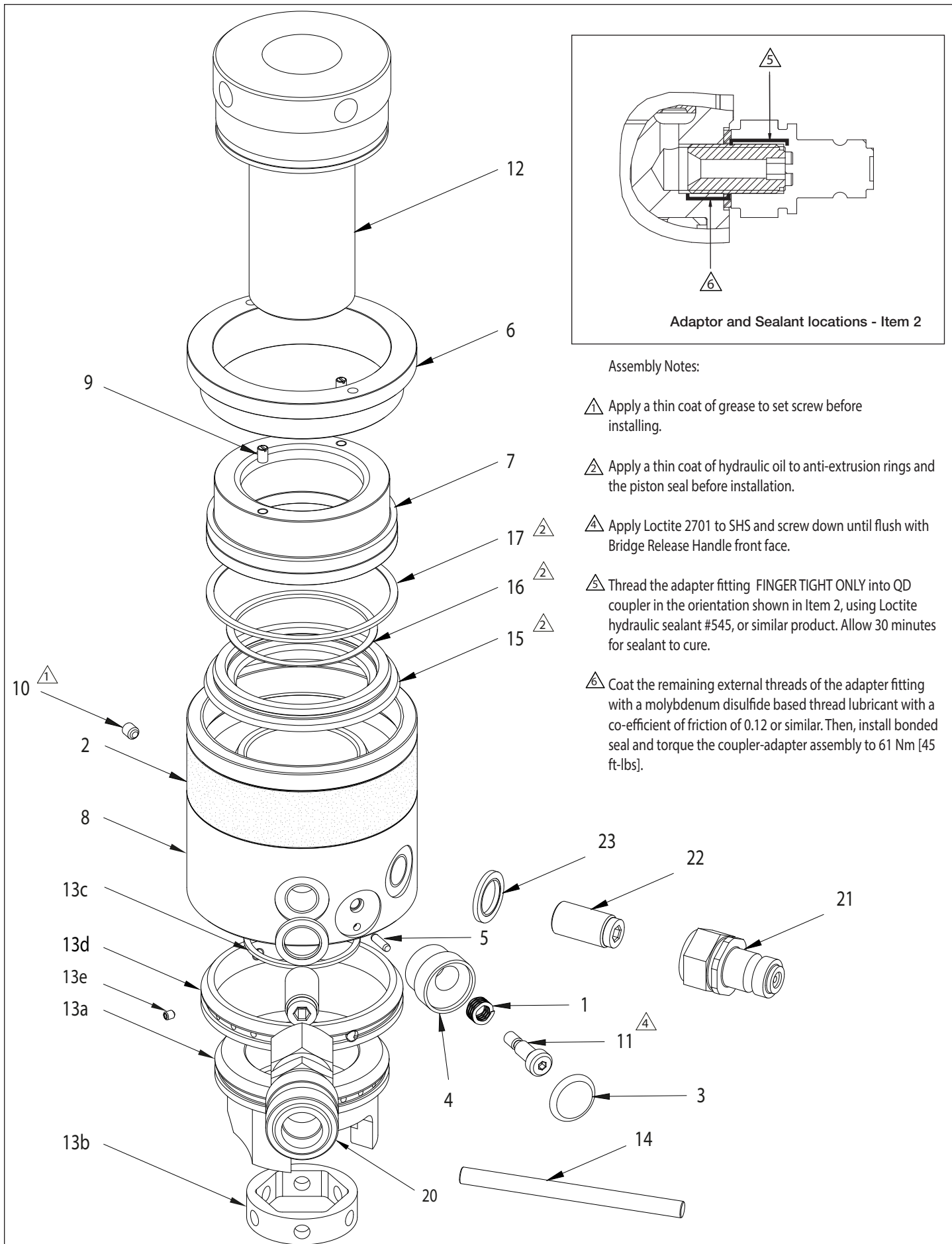


Figure 2, Exploded View, HydraMax® Series Hydraulic Tensioner (Models HM04, HM05)

**Repair Parts List For Figure 2 – HydraMax® Series Hydraulic Tensioner, Models
HM04, HM05**

Item	Description	Qty	Part Numbers1	
			Model HM04	Model HM05
1	Wave Spring	1	■	✱
2	Grip Tape	1	■	✱
3	Label	1	■	✱
4	Bridge Release Handle	1	■	✱
5	Bridge Release Pin	1	■	✱
6	Stop Ring	1	004AK0002218	004AK0002219
7	Piston	1	004AB0001967	004AB0001968
8	Cylinder Body Outer	1	004AA0001952	004AA0001953
9	Slotted Grub Screw	2	■	✱
10	Socket Set Screw	1	■	✱
11	Socket Head Shoulder Screw	1	■	✱
12	Puller	1	See Table 2, page 13	See Table 2, page 13
13	Bridge Assembly	1	See Table 2, page 13	See Table 2, page 13
13a	Bridge	1	See Table 2, page 13	See Table 2, page 13
13b	Socket	1	See Table 2, page 13	See Table 2, page 13
13c	Snap Ring	1	See Table 2, page 13	See Table 2, page 13
13d	Adaptor Ring	1	See Table 2, page 13	See Table 2, page 13
13e	Socket Set Grub Screw	2	See Table 2, page 13	See Table 2, page 13
14	Tommy Bar* (10mm Diameter)	1	TBARD10L1650	TBARD10L1650
15	Seal	1	■ ★	✱ ◐
16	Seal Inner Back-Up Ring	1	■ ★	✱ ◐
17	Seal Outer Back-Up Ring	1	■ ★	✱ ◐
20	Female QD Coupler (Includes Dust Cap)	1	■ †	✱ †
21	Male QD (Includes Dust Cap)	1	■ †	✱ †
22	Adaptor	2	■ †	✱ †
23	Bonded Seal	2	■ †	✱ †

■ Available as part of Repair Kit HM04RK.

✱ Available as part of Repair Kit HM05RK.

★ Available as part of Seal Kit HM04SK.

◐ Available as part of Seal Kit HM05SK.

† Available as part of Coupler and Adaptor Kit BW-150AW.

* Some items require additional Tommy Bar required for Socket operation (see table 2, page 15).

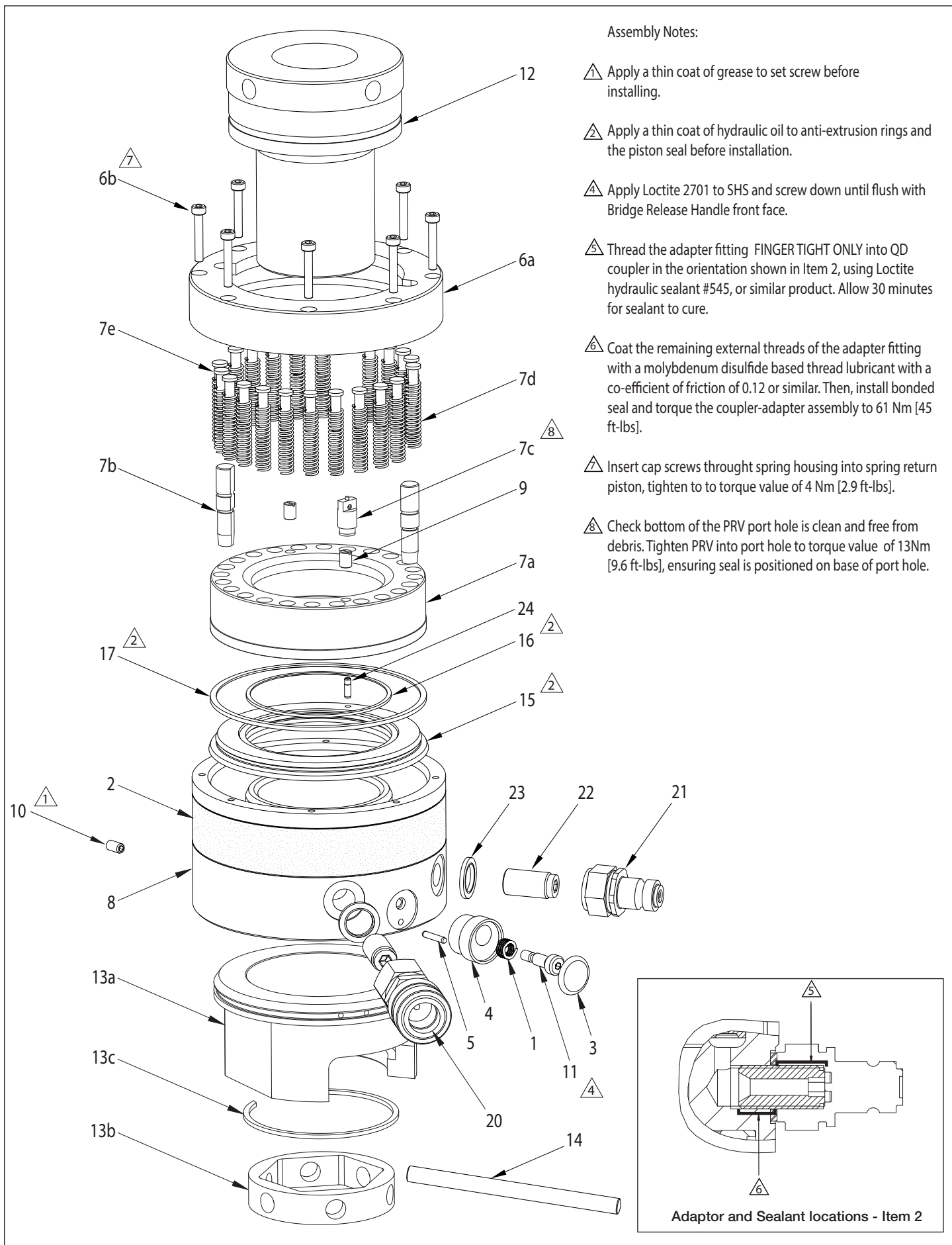


Figure 3, Exploded View, HydraMax® Series Hydraulic Tensioner (Models HM06, HM07)

**Repair Parts List For Figure 3 – HydraMax® Series Hydraulic Tensioner, Models
HM06, HM07**

Item	Description	Qty	Part Numbers	
			Model HM06	Model HM07
1	Wave Spring	1	✦	⌘
2	Grip Tape	1	✦	⌘
3	Label	1	✦	⌘
4	Bridge Release Handle	1	✦	⌘
5	Bridge Release Pin	1	✦	⌘
6a	Spring Retainer/ Spring Housing	1	⊙	▲
6b	Socket Head Cap Screw	6/8	⊙	▲
7a	Piston (Spring Return)	1	▲	◇
7b	Dowel Pin	2	▲	◇
7c	Pressure Relief Valve	1	▲	◇
7d	Compression Spring	17/ 21	▲	◇
7e	Spring Guide Pin	17/ 21	▲	◇
8	Cylinder Body Outer	1	004AA0001954	004AA0001955
9	Slotted Grub Screw	2	✦	⌘
10	Socket Set Screw	1	✦	⌘
11	Socket Head Shoulder Screw	1	✦	⌘
12	Puller	1	See Table 3, page 14	See Table 3, page 14
13	Bridge Assembly	1	See Table 3, page 14	See Table 3, page 14
13a	Bridge	1	See Table 3, page 14	See Table 3, page 14
13b	Socket	1	See Table 3, page 14	See Table 3, page 14
13c	Snap Ring	1	See Table 3, page 14	See Table 3, page 14
14	Tommy Bar (10mm Diameter)	1	TBARD10L1650	TBARD10L1650
15	Seal	1	✦ Δ	⌘ □
16	Seal Inner Back-Up Ring	1	✦ Δ	⌘ □
17	Seal Outer Back-Up Ring	1	✦ Δ	⌘ □
20	Female QD Coupler (Includes Dust Cap)	1	✦ †	⌘ †
21	Male QD (Includes Dust Cap)	1	✦ †	⌘ †
22	Adaptor	2	✦ †	⌘ †
23	Bonded Seal	2	✦ †	⌘ †
24	Seal Value Tube	1	✦	⌘

✦ Available as part of Repair Kit HM06RK.

⌘ Available as part of Repair Kit HM07RK.

⊙ Available as part of Spring Retainer Kit HM06SH.

▲ Available as part of Spring Housing Kit HM07SH.

✦ Available as part of Repair Kit HM06RK.

⌘ Available as part of Repair Kit HM07RK.

⊙ Available as part of Spring Retainer Kit HM06SH.

▲ Available as part of Spring Housing Kit HM07SH.

† Available as part of Coupler and Adaptor Kit BW-150AW.

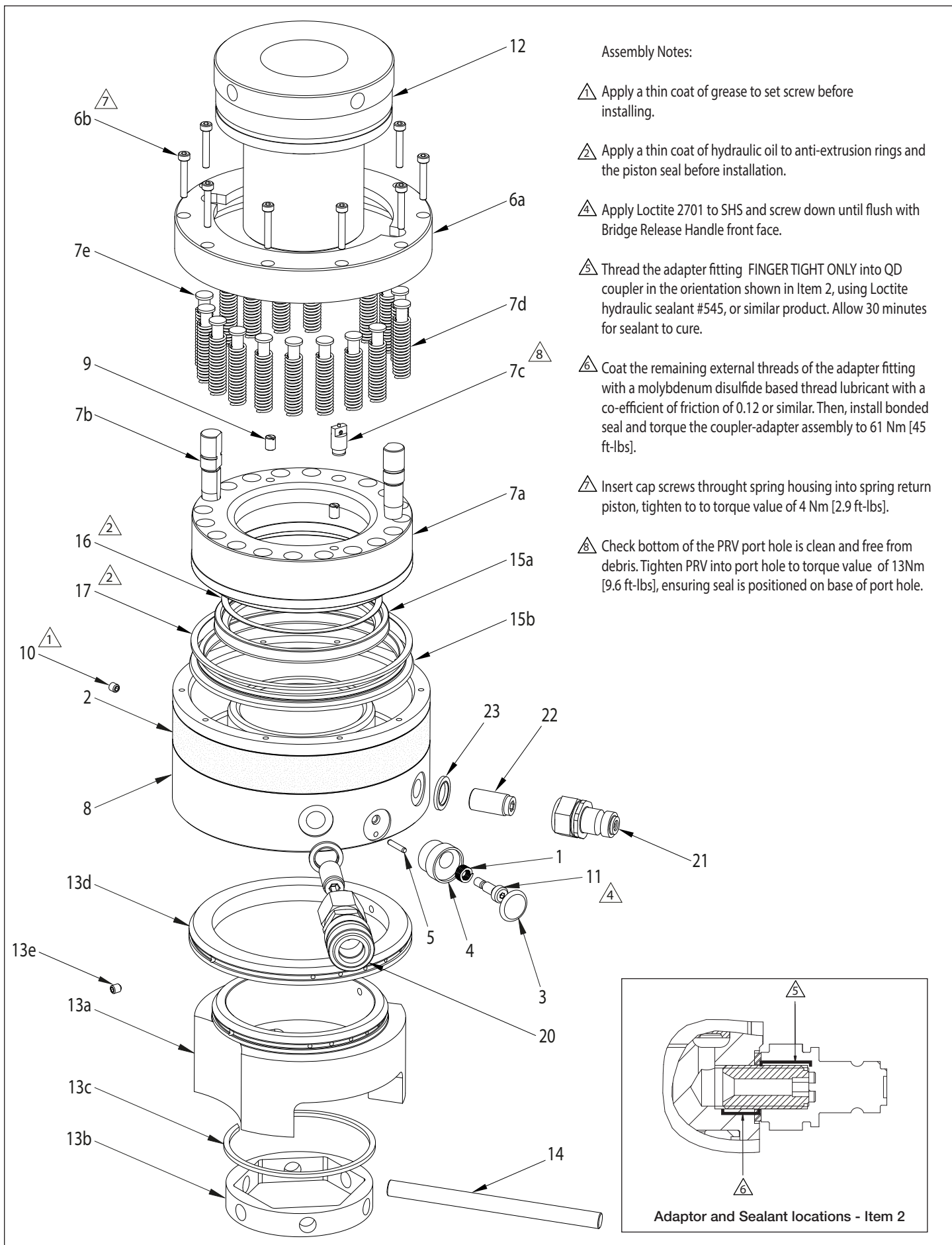


Figure 4, Exploded View, HydraMax® Series Hydraulic Tensioner (Models HM08, HM09, HM10)

**Repair Parts List For Figure 4 – HydraMax® Series Hydraulic Tensioner, Models
HM08, HM09, HM10**

Item	Description	Qty	Part Numbers		
			Model HM08	Model HM09	Model HM10
1	Wave Spring	1	▼	Θ	Σ
2	Grip Tape	1	▼	Θ	Σ
3	Label	1	▼	Θ	Σ
4	Bridge Release Handle	1	▼	Θ	Σ
5	Bridge Release Pin	1	▼	Θ	Σ
6a	Spring Housing	1	◐	◆	⊛
6b	Socket Head Cap Screw	8/ 8/ 10	◐	◆	⊛
7a	Piston (Spring Return)	1	⌘	‡	^
7b	Dowel Pin	2	⌘	‡	^
7c	Pressure Relief Value	1	⌘	‡	^
7d	Compression Spring	25/ 29/ 17	⌘	‡	^
7e	Spring Guide Pin	25/ 29/ 17	⌘	‡	^
8	Cylinder Body Outer	1	004AA0001956	004AA0001957	004AA0001958
9	Slotted Grub Screw	2	▼	Θ	Σ
10	Socket Set Screw	1	▼	Θ	Σ
11	Socket Head Shoulder Screw	1	▼	Θ	Σ
12	Puller	1	See Table 4, page 15	See Table 4, page 15	See Table 4, page 15
13	Bridge Assembly	1	See Table 4, page 15	See Table 4, page 15	See Table 4, page 15
13a	Bridge	1	See Table 4, page 15	See Table 4, page 15	See Table 4, page 15
13b	Socket	1	See Table 4, page 15	See Table 4, page 15	See Table 4, page 15
13c	Snap Ring	1	See Table 4, page 15	See Table 4, page 15	See Table 4, page 15
13d	Adaptor Ring	1	See Table 4, page 15	See Table 4, page 15	See Table 4, page 15
13e	Socket Set Grub Screw	2	See Table 4, page 15	See Table 4, page 15	See Table 4, page 15
14	Tommy Bar (10mm Diameter)	1	TBARD10L1650	TBARD10L1650	TBARD10L1650
15a	Inner Seal	1	▼✕	Θ ⊕	Σ ⊛
15b	Outer Seal	1	▼✕	Θ ⊕	Σ ⊛
16	Seal Inner Back-Up Ring	1	▼✕	Θ ⊕	Σ ⊛
17	Seal Outer Back-Up Ring	1	▼✕	Θ ⊕	Σ ⊛
20	Female QD Coupler (Includes Dust Cap)	1	▼ †	Θ †	Σ †
21	Male QD (Includes Dust Cap)	1	▼ †	Θ †	Σ †
22	Adaptor	2	▼ †	Θ †	Σ †
23	Bonded Seal	2	▼ †	Θ †	Σ †

▼ Available as part of Repair Kit HM08RK.

Θ Available as part of Repair Kit HM09RK.

Σ Available as part of Repair Kit HM10RK.

◐ Available as part of Spring Housing Kit HM08SH.

◆ Available as part of Spring Housing Kit HM09SH.

⊛ Available as part of Spring Housing Kit HM10SH.

✕ Available as part of Seal Kit HM08SK.

⊕ Available as part of Seal Kit HM09SK.

⊛ Available as part of Seal Kit HM10SK.

⌘ Available as part of Piston Spring Return Kit HM08PA.

‡ Available as part of Piston Spring Return Kit HM09PA.

^ Available as part of Piston Spring Return Kit HM10PA.

† Available as part of Coupler and Adaptor Kit BW-150AW.

Assembly Notes:

- 1 Apply a thin coat of grease to set screw before installing.
- 2 Apply a thin coat of hydraulic oil to anti-extrusion rings and the piston seal before installation.
- 4 Apply Loctite 2701 to SHS and screw down until flush with Bridge Release Handle front face.
- 5 Thread the adapter fitting FINGER TIGHT ONLY into QD coupler in the orientation shown in Item 2, using Loctite hydraulic sealant #545, or similar product. Allow 30 minutes for sealant to cure.
- 6 Coat the remaining external threads of the adapter fitting with a molybdenum disulfide based thread lubricant with a co-efficient of friction of 0.12 or similar. Then, install bonded seal and torque the coupler-adapter assembly to 61 Nm [45 ft-lbs].
- 7 Insert cap screws through spring housing into spring return piston, tighten to torque value of 4 Nm [2.9 ft-lbs].
- 8 Check bottom of the PRV port hole is clean and free from debris. Tighten PRV into port hole to torque value of 13Nm [9.6 ft-lbs], ensuring seal is positioned on base of port hole.

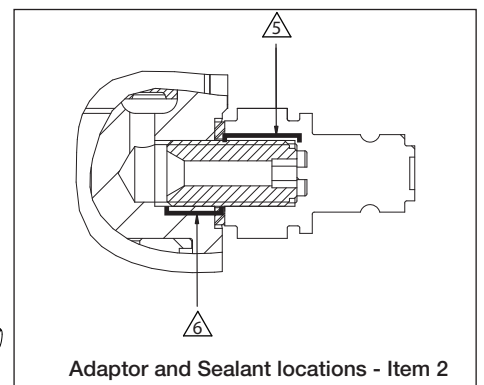
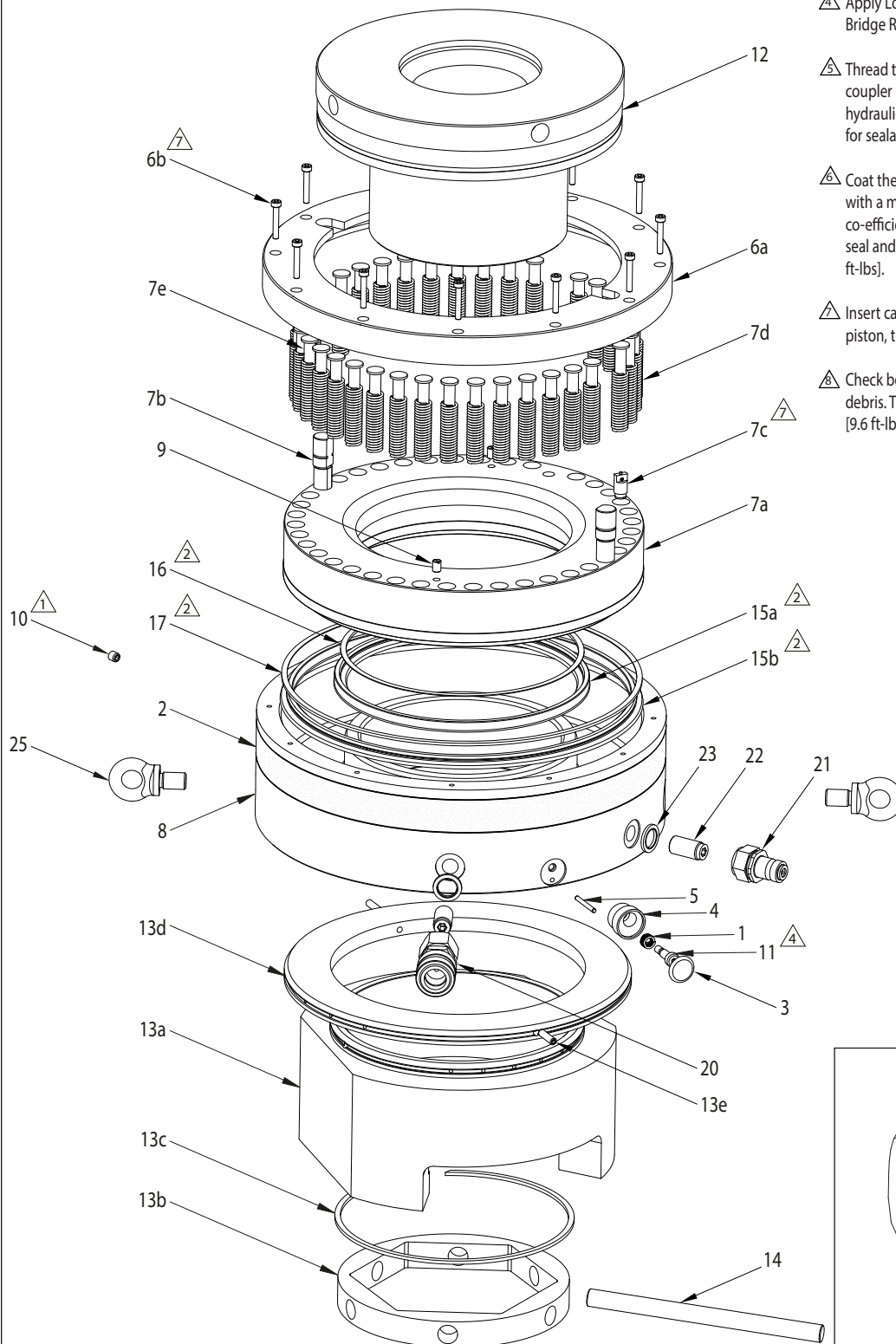


Figure 5, Exploded View, HydraMax® Series Hydraulic Tensioner (Models HM11, HM12, HM13, HM14, HM15)

**Repair Parts List For Figure 5 – HydraMax® Series Hydraulic Tensioner, Models
HM11, HM12, HM13**

Item	Description	Qty	Part Numbers		
			Model HM11	Model HM12	Model HM13
1	Wave Spring	1	▴	▴	▽
2	Grip Tape	1	▴	▴	▽
3	Label	1	▴	▴	▽
4	Bridge Release Handle	1	▴	▴	▽
5	Bridge Release Pin	1	▴	▴	▽
6a	Spring Housing	1	⋈	⋈	⋈
6b	Socket Head Cap Screw	10/ 10/ 12	⋈	⋈	⋈
7a	Piston (Spring Return)	1	☐	☐	§
7b	Dowel Pin	2	☐	☐	§
7c	Pressure Relief Valve	1	☐	☐	§
7d	Compression Spring	23/ 29/ 27	☐	☐	§
7e	Spring Guide Pin	23/ 29 /27	☐	☐	§
8	Cylinder Body Outer	1	004AA0001959	004AA0001960	004AA0001961
9	Slotted Grub Screw	2	▴	▴	▽
10	Socket Set Screw	1	▴	▴	▽
11	Socket Head Shoulder Screw	1	▴	▴	▽
12	Puller	1	See Table 5, page 16	See Table 5, page 16	See Table 5, page 16
13	Bridge Assembly	1	See Table 5, page 16	See Table 5, page 16	See Table 5, page 16
13a	Bridge	1	See Table 5, page 16	See Table 5, page 16	See Table 5, page 16
13b	Socket	1	See Table 5, page 16	See Table 5, page 16	See Table 5, page 16
13c	Snap Ring	1	See Table 5, page 16	See Table 5, page 16	See Table 5, page 16
13d	Adaptor Ring	1	See Table 5, page 16	See Table 5, page 16	See Table 5, page 16
13e	Socket Set Grub Screw	2	See Table 5, page 16	See Table 5, page 16	See Table 5, page 16
14	Tommy Bar* (14mm Diameter)	1	TBARD14L2300	TBARD14L2300	TBARD14L2300
15a	Inner Seal	1	▴ ○	▴ ◇	▽ *
15b	Outer Seal	1	▴ ○	▴ ◇	▽ *
16	Seal Inner Back-Up Ring	1	▴ ○	▴ ◇	▽ *
17	Seal Outer Back-Up Ring	1	▴ ○	▴ ◇	▽ *
20	Female QD Coupler (Includes Dust Cap)	1	▴ †	▴ †	▽ †
21	Male QD (Includes Dust Cap)	1	▴ †	▴ †	▽ †
22	Adaptor	2	▴ †	▴ †	▽ †
23	Bonded Seal	2	▴ †	▴ †	▽ †
25	Eye Bolt	2	▴	▴	▽

▴ Available as part of Repair Kit HM11RK.

▴ Available as part of Repair Kit HM12RK.

▽ Available as part of Repair Kit HM13RK.

⋈ Available as part of Spring Housing Kit HM11SH.

⋈ Available as part of Spring Housing Kit HM12SH.

⋈ Available as part of Spring Housing Kit HM13SH.

○ Available as part of Seal Kit HM11SK.

◇ Available as part of Seal Kit HM12SK.

* Available as part of Seal Kit HM13SK.

☐ Available as part of Piston Spring Return Kit HM11PA.

☐ Available as part of Piston Spring Return Kit HM12PA.

§ Available as part of Piston Spring Return Kit HM13PA.

† Available as part of Coupler and Adaptor Kit BW-150AW.

* Some items require additional Tommy Bar required for Socket operation (see table 5, page 16).

**Repair Parts List For Figure 5 – HydraMax® Series Hydraulic Tensioner, Models
HM14, HM15**

Item	Description	Qty	Part Numbers	
			Model HM14	Model HM15
1	Wave Spring	1	◀	➤
2	Grip Tape	1	◀	➤
3	Label	1	◀	➤
4	Bridge Release Handle	1	◀	➤
5	Bridge Release Pin	1	◀	➤
6a	Spring Housing	1	X	Φ
6b	Socket Head Cap Screw	12/ 12	X	Φ
7a	Piston (Spring Return)	1	☐	Π
7b	Dowel Pin	2	☐	Π
7c	Pressure Relief Valve	1	☐	Π
7d	Compression Spring	33/ 37	☐	Π
7e	Spring Guide Pin	33/ 37	☐	Π
8	Cylinder Body Outer	1	004AA0001962	004AA0001963
9	Slotted Grub Screw	2	◀	➤
10	Socket Set Screw	1	◀	➤
11	Socket Head Shoulder Screw	1	◀	➤
12	Puller	1	See Table 6, page 17	See Table 6, page 17
13	Bridge Assembly	1	See Table 6, page 17	See Table 6, page 17
13a	Bridge	1	See Table 6, page 17	See Table 6, page 17
13b	Socket	1	See Table 6, page 17	See Table 6, page 17
13c	Snap Ring	1	See Table 6, page 17	See Table 6, page 17
13d	Adaptor Ring	1	See Table 6, page 17	See Table 6, page 17
13e	Socket Set Grub Screw	2	See Table 6, page 17	See Table 6, page 17
14	Tommy Bar (14mm Diameter)	1	TBARD14L2300	TBARD14L2300
15a	Inner Seal	1	◀➤	➤<
15b	Outer Seal	1	◀➤	➤<
16	Seal Inner Back-Up Ring	1	◀➤	➤<
17	Seal Outer Back-Up Ring	1	◀➤	➤<
20	Female QD Coupler (Includes Dust Cap)	1	◀ †	➤ †
21	Male QD (Includes Dust Cap)	1	◀ †	➤ †
22	Adaptor	2	◀ †	➤ †
23	Bonded Seal	2	◀ †	➤ †
25	Eye Bolt	2	◀	➤
◀ Available as part of Repair Kit HM14RK. ➤ Available as part of Repair Kit HM15RK. X Available as part of Spring Housing Kit HM14SH. Φ Available as part of Spring Housing Kit HM15SH.			➤ Available as part of Seal Kit HM14SK. < Available as part of Seal Kit HM15SK. ☐ Available as part of Piston Spring Return Kit HM14PA. Π Available as part of Piston Spring Return Kit HM15PA.	
			† Available as part of Coupler and Adaptor Kit BW-150AW.	

Table 1 - Adaptor Kits, Models HM01, HM02 and HM03.					
Series and Size			Part Number		
Series	inch	mm	Puller (Fig. 1, item 12)	Bridge Assembly (Fig. 1, item 13)	Adapter and Bridge Kit (Puller + Bridge Assembly)
HM01	3/4" 10 UNC		C0104A0012AC	C0113A0012XX	HM01BPNRS0750U10
		M20 x 2.5	C0104AM020AY	C0113AM020XX	HM01BPMNRS02025
HM02	3/4" 10 UNC		C0104B0012AC	C0113B0012XX	HM02BPNRS0750U10
	7/8" 9 UNC		C0104B0014AC	C0113B0014XX	HM02BPNRS0875U09
		M20 x 2.5	C0104BM020AY	C0113BM020XX	HM02BPMNRS02025
		M22 x 2.5	C0104BM022AY	C0113B0012XX	HM02BPMNRS02225
HM03	3/4" 10 UNC		C0104C0012AC	C0113C0012XX	HM03BPNRS0750U10
	7/8" 9 UNC		C0104C0014AC	C0113C0014XX	HM03BPNRS0875U09
	1" 8 UNC		C0104C0100AF	C0113C0100XX	HM03BPNRS1000U08
		M20 x 2.5	C0104CM020AY	C0113CM020XX	HM03BPMNRS02025
		M22 x 2.5	C0104CM022AY	C0113C0012XX	HM03BPMNRS02225
		M24 x 3.0	C0104CM024AZ	C0113C0014XX	HM03BPMNRS02430
Bridge Assembly contains Bridge (1), Socket (1), Snap Ring (1).					
NOTE: Puller and Bridge Assemblies are not sold separately. They are only available as a part of the Adapter and Bridge kits listed.					

Table 2 - Adaptor Kits, Models HM04, and HM05.					
Series and Size			Part Number		
Series	inch	mm	Puller (Fig. 1, item 12)	Bridge Assembly (Fig. 1, item 13)	Adapter and Bridge Kit (Puller + Bridge Assembly)
HM04	7/8" 9 UNC		C0104D0014AC	C0113D0014XX*	HM04BPNRS0875U09
	1" 8 UNC		C0104D0100AF	C0113D0100XX*	HM04BPNRS1000U08
	1.1/8" 8UN		C0104D0102AF	C0113D0102XX	HM04BPNRS1125U08
		M22 x 2.5	C0104DM022AY	C0113D0012XX**	HM04BPMNRS02225
		M24 x 3.0	C0104DM024AZ	C0113D0014XX*	HM04BPMNRS02430
		M27 x 3.0	C0104DM027AZ	C0113D0100XX*	HM04BPMNRS02730
		M30 x 3.5	C0104DM030BA	C0113D0102XX	HM04BPMNRS03035
HM05	1" 8 UNC		C0104E0100AF	C0113D0100XX*	HM05BPNRS1000U08
	1.1/8" 8UN		C0104E0102AF	C0113D0102XX	HM05BPNRS1125U08
	1 1/4" 8UN		C0104E0104AF	C0113E0104XX	HM05BPNRS1250U08
		M24 x 3.0	C0104EM024AZ	C0113D0014XX*	HM05BPMNRS02430
		M27 x 3.0	C0104EM027AZ	C0113D0100XX*	HM05BPMNRS02730
		M30 x 3.5	C0104EM030BA	C0113D0102XX	HM05BPMNRS03035
		M33 x 3.5	C0104EM033BA	C0113E0104XX	HM05BPMNRS03335
Bridge Assembly contains Bridge (1), Socket (1), Snap Ring (1).					
NOTE: Puller and Bridge Assemblies are not sold separately. They are only available as a part of the Adapter and Bridge kits listed.					

Table 3 - Adaptor Kits, Models HM06 and HM07.					
Series and Size			Part Number		
Series	inch	mm	Puller (Fig. 3, item 12)	Bridge Assembly (Fig. 3, item 13)	Adapter and Bridge Kit (Puller + Bridge Assembly)
HM06	1.1/8" 8UN	-	C0104F0102AF	C0113F0102XX	HM06BPNRS1125U08
	1.1/4" 8UN	-	C0104F0104AF	C0113F0104XX	HM06BPNRS1250U08
	1.3/8" 8UN	-	C0104F0106AF	C0113F0106XX	HM06BPNRS1375U08
	1.1/2" 8UN	-	C0104F0108AF	C0113F0108XX	HM06BPNRS1500U08
	-	M30 x 3.5	C0104FM030BA	C0113F0102XX	HM06BPMNRS03035
	-	M33 x 3.5	C0104FM033BA	C0113F0104XX	HM06BPMNRS03335
	-	M36 x 4.0	C0104FM036BB	C0113F0106XX	HM06BPMNRS03640
	-	M39 x 4.0	C0104FM039BB	C0113F0108XX	HM06BPMNRS03940
HM07	1.1/4" 8UN	-	C0104G0104AF	C0113G0104XX	HM07BPNRS1250U08
	1.3/8" 8UN	-	C0104G0106AF	C0113G0106XX	HM07BPNRS1375U08
	1.1/2" 8UN	-	C0104G0108AF	C0113G0108XX	HM07BPNRS1500U08
	1.5/8" 8UN	-	C0104G0110AF	C0113G0110XX	HM07BPNRS1625U08
	-	M33 x 3.5	C0104GM033BA	C0113G0104XX	HM07BPMNRS03335
	-	M36 x 4.0	C0104GM036BB	C0113G0106XX	HM07BPMNRS03640
	-	M39 x 4.0	C0104GM039BB	C0113G0108XX	HM07BPMNRS03940
	-	M42 x 4.5	C0104GM042BC	C0113G0110XX	HM07BPMNRS04245
Bridge Assembly contains Bridge (1), Socket (1), Snap Ring (1).					
NOTE: Puller and Bridge Assemblies are not sold separately. They are only available as a part of the Adapter and Bridge kits listed.					

Table 4 - Adaptor Kits, Models HM08, HM09 and HM10.					
Series and Size			Part Number		
Series	inch	mm	Puller (Fig. 4, item 12)	Bridge Assembly (Fig. 4, item 13)	Adapter and Bridge Kit (Puller + Bridge Assembly)
HM08	1.3/8" 8UN	-	C0104H0106AF	C0113F0106XX	HM08BPNRS1375U08
	1.1/2" 8UN	-	C0104H0108AF	C0113F0108XX	HM08BPNRS1500U08
	1.5/8" 8UN	-	C0104H0110AF	C0113G0110XX	HM08BPNRS1625U08
	1.3/4" 8UN	-	C0104H0112AF	C0113H0112XX	HM08BPNRS1750U08
	-	M36 x 4.0	C0104HM036BB	C0113F0106XX,	HM08BPMNRS03640
	-	M39 x 4.0	C0104HM039BB	C0113F0108XX	HM08BPMNRS03940
	-	M42 x 4.5	C0104HM042BC	C0113G0110XX,	HM08BPMNRS04245
	-	M45 x 4.5	C0104HM045BC	C0113H0112XX	HM08BPMNRS04545
HM09	1.1/2" 8UN	-	C0104J0108AF	C0113J0108XX	HM09BPNRS1500U08
	1.5/8" 8UN	-	C0104J0110AF	C0113J0110XX	HM09BPNRS1625U08
	1.3/4" 8UN	-	C0104J0112AF	C0113J0112XX★	HM09BPNRS1750U08
	1.7/8" 8UN	-	C0104J0114AF	C0113J0114XX	HM09BPNRS1875U08
	-	M39 x 4.0	C0104JM039BB	C0113J0108XX	HM09BPMNRS03940
	-	M42 x 4.5	C0104JM042BC	C0113J0110XX	HM09BPMNRS04245
	-	M45 x 4.5	C0104JM045BC	C0113J0112XX★	HM09BPMNRS04545
	-	M48 x 5.0	C0104JM048BD	C0113J0114XX	HM09BPMNRS04850
HM10	1.5/8" 8UN		C0104K0110AF	C0113J0110XX	HM10BPNRS1625U08
	1.3/4" 8UN	-	C0104K0112AF	C0113J0112XX★	HM10BPNRS1750U08
	1.7/8" 8UN	-	C0104K0114AF	C0113J0114XX	HM10BPNRS1875U08
	2" 8UN	-	C0104K0200AF	C0113K0200XX	HM10BPNRS2000U08
	-	M42 x 4.5	C0104KM042BC	C0113J0110XX	HM10BPMNRS04245
	-	M45 x 4.5	C0104KM045BC	C0113J0112XX★	HM10BPMNRS04545
	-	M48 x 5.0	C0104KM048BD	C0113J0114XX	HM10BPMNRS04850
	-	M52 x 5.0	C0104KM052BD	C0113K0200XX	HM10BPMNRS05250
Bridge Assembly contains Bridge (1), Socket (1), Snap Ring (1).					
★ Assembly includes Adaptor Ring, Socket Set Grub Screw.					
NOTE: Puller and Bridge Assemblies are not sold separately. They are only available as a part of the Adapter and Bridge kits listed.					

Table 5 - Adaptor Kits, Models HM11, HM12 and HM13.					
Series and Size			Part Number		
Series	inch	mm	Puller (Fig. 5, item 12)	Bridge Assembly (Fig. 5, item 13)	Adapter and Bridge Kit (Puller + Bridge Assembly)
HM11	1.3/4" 8UN	-	C0104M0112AF	C0113J0112XX* *	HM11BPNRS1750U08
	1.7/8" 8UN	-	C0104M0114AF	C0113J0114XX *	HM11BPNRS1875U08
	2" 8UN	-	C0104M0200AF	C0113K0200XX *	HM11BPNRS2000U08
	2.1/4" 8UN	-	C0104M0204AF	C0113M0204XX	HM11BPNRS2250U08
	-	M45 x 4.5	C0104MM045BC	C0113J0112XX* *	HM11BPMNRS04545
	-	M48 x 5.0	C0104MM048BD	C0113J0114XX *	HM11BPMNRS04850
	-	M52 x 5.0	C0104MM052BD	C0113K0200XX *	HM11BPMNRS05250
	-	M56 x 5.5	C0104MM056BE	C0113MM056XX	HM11BPMNRS05655
	-	M60 x 5.5	C0104MM060BE	C0113MM060XX	HM11BPMNRS06055
HM12	1.7/8" 8UN	-	C0104N0114AF	C0113J0114XX	HM12BPNRS1875U08
	2" 8UN	-	C0104N0200AF	C0113K0200XX	HM12BPNRS2000U08
	2.1/4" 8UN	-	C0104N0204AF	C0113M0204XX	HM12BPNRS2250U08
	2.1/2" 8UN	-	C0104N0208AF	C0113N0208XX	HM12BPNRS2500U08
	-	M48 x 5.0	C0104NM048BD	C0113J0114XX	HM12BPMNRS04850
	-	M52 x 5.0	C0104NM052BD	C0113K0200XX	HM12BPMNRS05250
	-	M56 x 5.5	C0104NM056BE	C0113MM056XX	HM12BPMNRS05655
	-	M60 x 5.5	C0104NM060BE	C0113MM060XX	HM12BPMNRS06055
	-	M64 x 6.0	C0104NM064BF	C0113NM064XX	HM12BPMNRS06460
HM13	2.1/2" 8UN	-	C0104P0208AF	C0113P0208XX*	HM13BPNRS2500U08
	2.3/4" 8UN	-	C0104P0212AF	C0113P0212XX	HM13BPNRS2750U08
	3" 8UN	-	C0104P0300AF	C0113P0300XX	HM13BPNRS3000U08
	-	M64 x 6.0	C0104PM064BF	C0113PM064XX	HM13BPMNRS06460
	-	M68 x 6.0	C0104PM068BF	C0113PM068XX	HM13BPMNRS06860
	-	M72 x 6.0	C0104PM072BF	C0113PM072XX	HM13BPMNRS07260
	-	M76 x 6.0	C0104PM076BF	C0113PM076XX	HM13BPMNRS07660
Bridge Assembly contains Bridge (1), Socket (1), Snap Ring (1).					
★ Assembly includes Adaptor Ring, Socket Set Grub Screw.					
* Requires additional Tommy Bar for Socket operation. Part number: TBARD10L1650 (10mm Diameter).					
NOTE: Puller and Bridge Assemblies are not sold separately. They are only available as a part of the Adapter and Bridge kits listed.					

Table 6 - Adaptor Kits, Models HM14 and HM15.					
Series and Size			Part Number		
Series	inch	mm	Puller (Fig. 5, item 12)	Bridge Assembly (Fig. 5, item 13)	Adapter and Bridge Kit (Puller + Bridge Assembly)
HM14	3" 8UN	-	C0104R0300AF	C0113P0300XX	HM14BPNRS3000U08
	3.1/4" 8UN	-	C0104R0304AF	C0113R0304XX	HM14BPNRS3250U08
	3.1/2" 8UN	-	C0104R0308AF	C0113R0308XX	HM14BPNRS3500U08
	-	M72 x 6.0	C0104RM072BF	C0113PM072XX	HM14BPMNRS07260
	-	M76 x 6.0	C0104RM076BF	C0113PM076XX	HM14BPMNRS07660
	-	M80 x 6.0	C0104RM080BF	C0113RM080XX	HM14BPMNRS08060
	-	M85 x 6.0	C0104RM085BF	C0113RM085XX	HM14BPMNRS08560
	-	M90 x 6.0	C0104RM090BF	C0113RM090XX	HM14BPMNRS09060
HM15	3.1/2" 8UN	-	C0104S0308AF	C0113S0308XX★	HM15BPNRS3500U08
	3.3/4" 8UN	-	C0104S0312AF	C0113S0312XX	HM15BPNRS3750U08
	4" 8UN	-	C0104S0400AF	C0113S0400XX	HM15BPNRS4000U08
	-	M90 x 6.0	C0104SM090BF	C0113SM090XX★	HM15BPMNRS09060
	-	M95 x 6.0	C0104SM095BF	C0113SM095XX	HM15BPMNRS09560
	-	M100 x 6.0	C0104SM100BF	C0113SM100XX	HM15BPMNRS10060
Bridge Assembly contains Bridge (1), Socket (1), Snap Ring (1).					
★ Assembly includes Adaptor Ring, Socket Set Grub Screw.					
NOTE: Puller and Bridge Assemblies are not sold separately. They are only available as a part of the Adapter and Bridge kits listed.					

NOTES

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