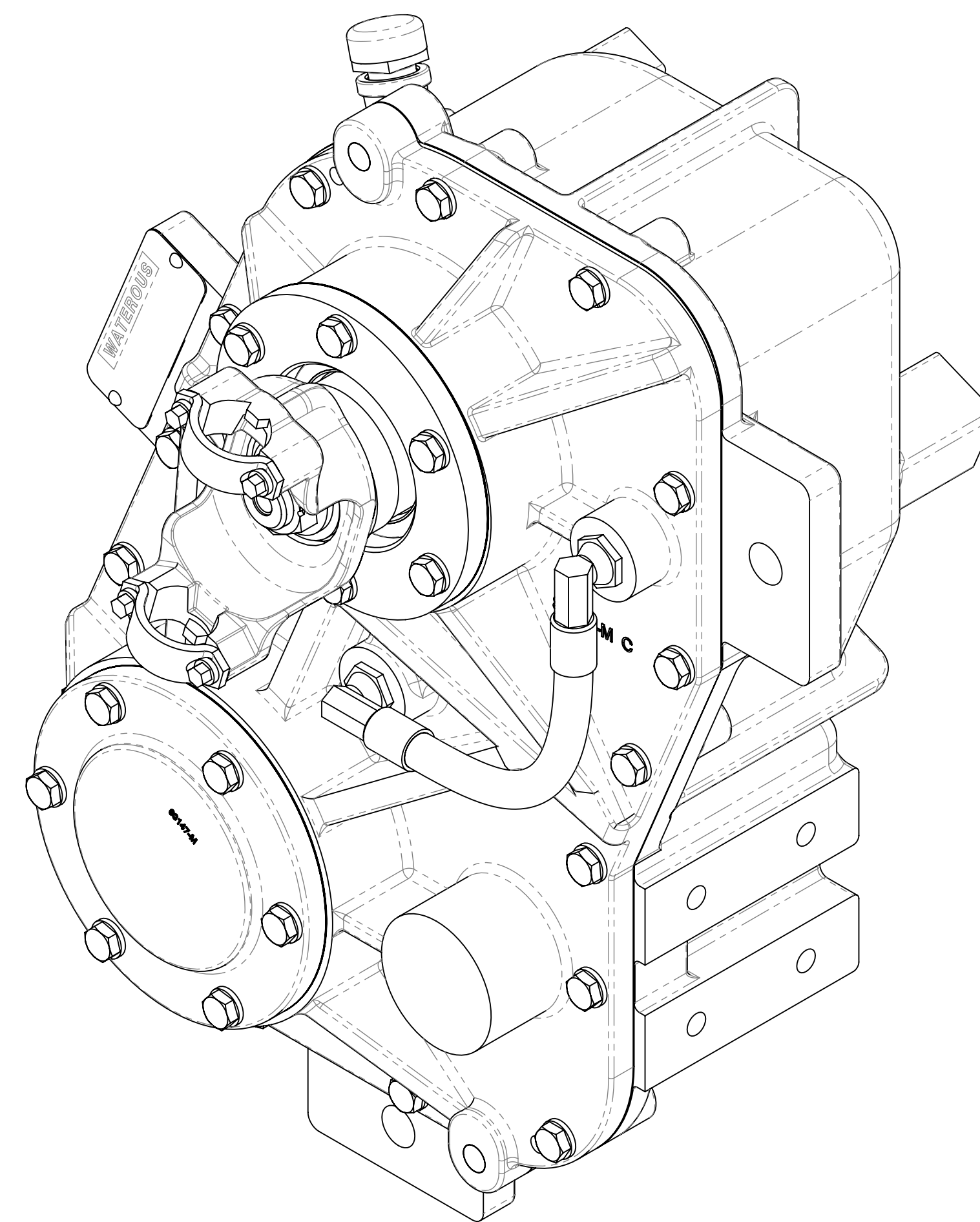


QA Series Transmission Service Parts List

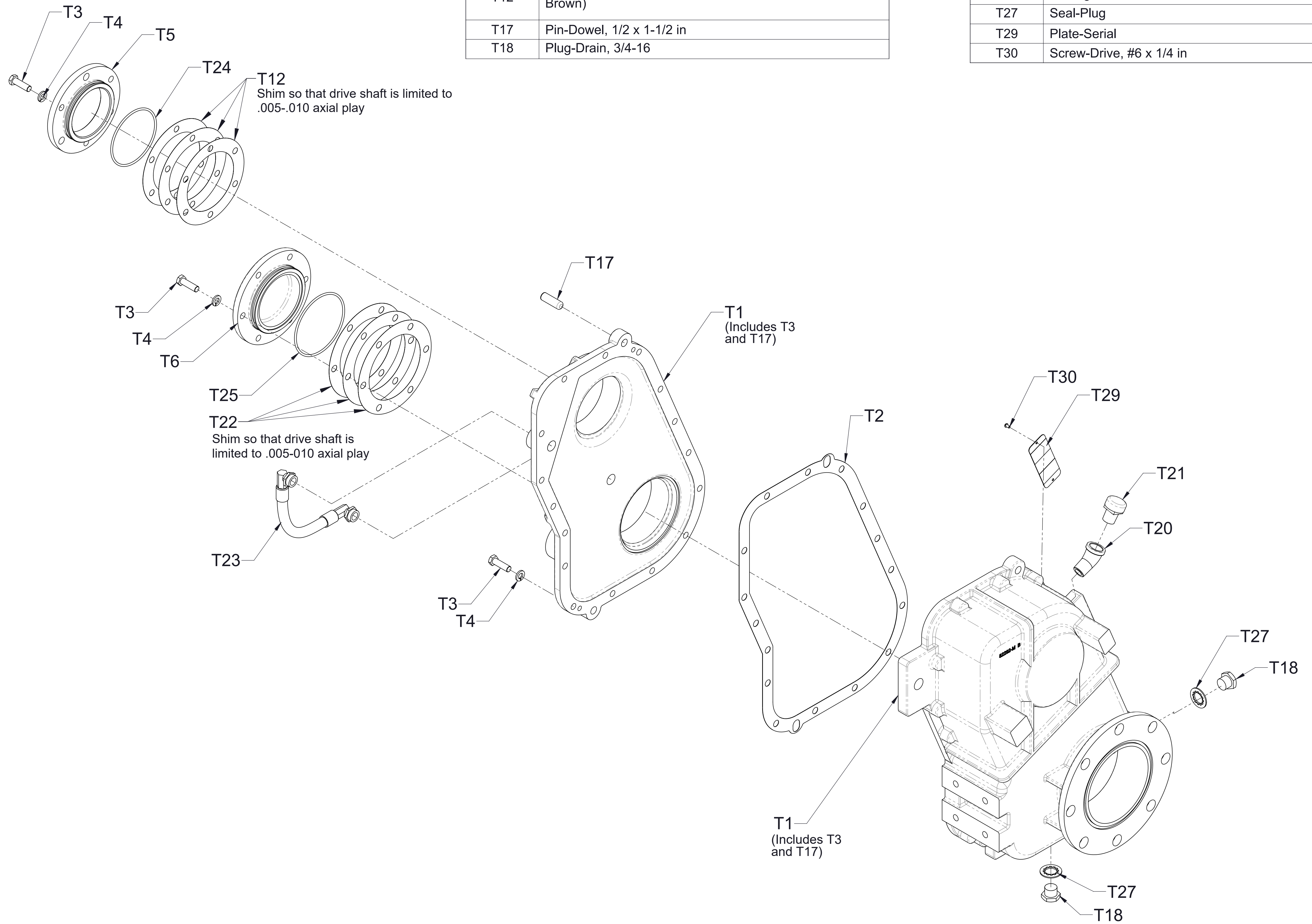
As used with CR Series Fire Pumps

Pump Model (Located on Pump Serial Plate)	Component	See Page
CRQA	Case	2
	Driveline	3
	Cross-Section View	4

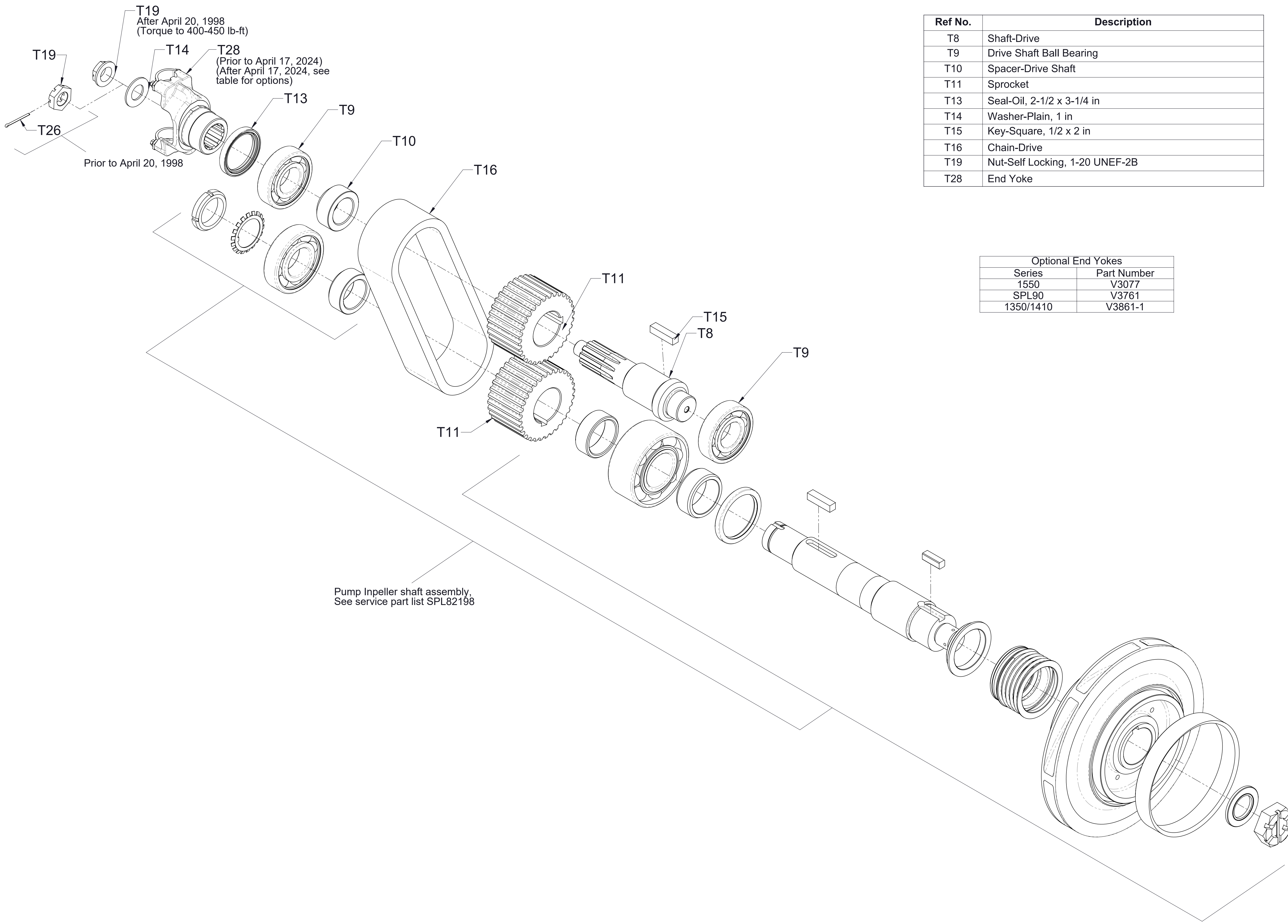


Ref No.	Description
T1	Case-Subassembly (Includes T3 & T17)
T2	Gasket
T3	Screw-Hex Hd, 3/8-16 X 1-1/4 in
T4	Washer-Lock, 3/8 in
T5	Housing-Oil Seal
T6	Bearing-Cover
T12	Drive Shaft Housing Shim (.005 Blue, .007 Natural, .010 Brown)
T17	Pin-Dowel, 1/2 x 1-1/2 in
T18	Plug-Drain, 3/4-16

Ref No.	Description
T20	Elbow, Street, 45°, 1/2 NPT
T21	Breather, 1/2 NPT
T22	Impeller Shaft Housing Shim (.005 Blue, .007 Natural, .010 Brown)
T23	Hose Assembly
T24	O-Ring, 3-5/8 X 3-7/8 in
T25	O-Ring, 4 x 4-1/4 in
T27	Seal-Plug
T29	Plate-Serial
T30	Screw-Drive, #6 x 1/4 in



Case



Ref No.	Description
T8	Shaft-Drive
T9	Drive Shaft Ball Bearing
T10	Spacer-Drive Shaft
T11	Sprocket
T13	Seal-Oil, 2-1/2 x 3-1/4 in
T14	Washer-Plain, 1 in
T15	Key-Square, 1/2 x 2 in
T16	Chain-Drive
T19	Nut-Self Locking, 1-20 UNEF-2B
T28	End Yoke

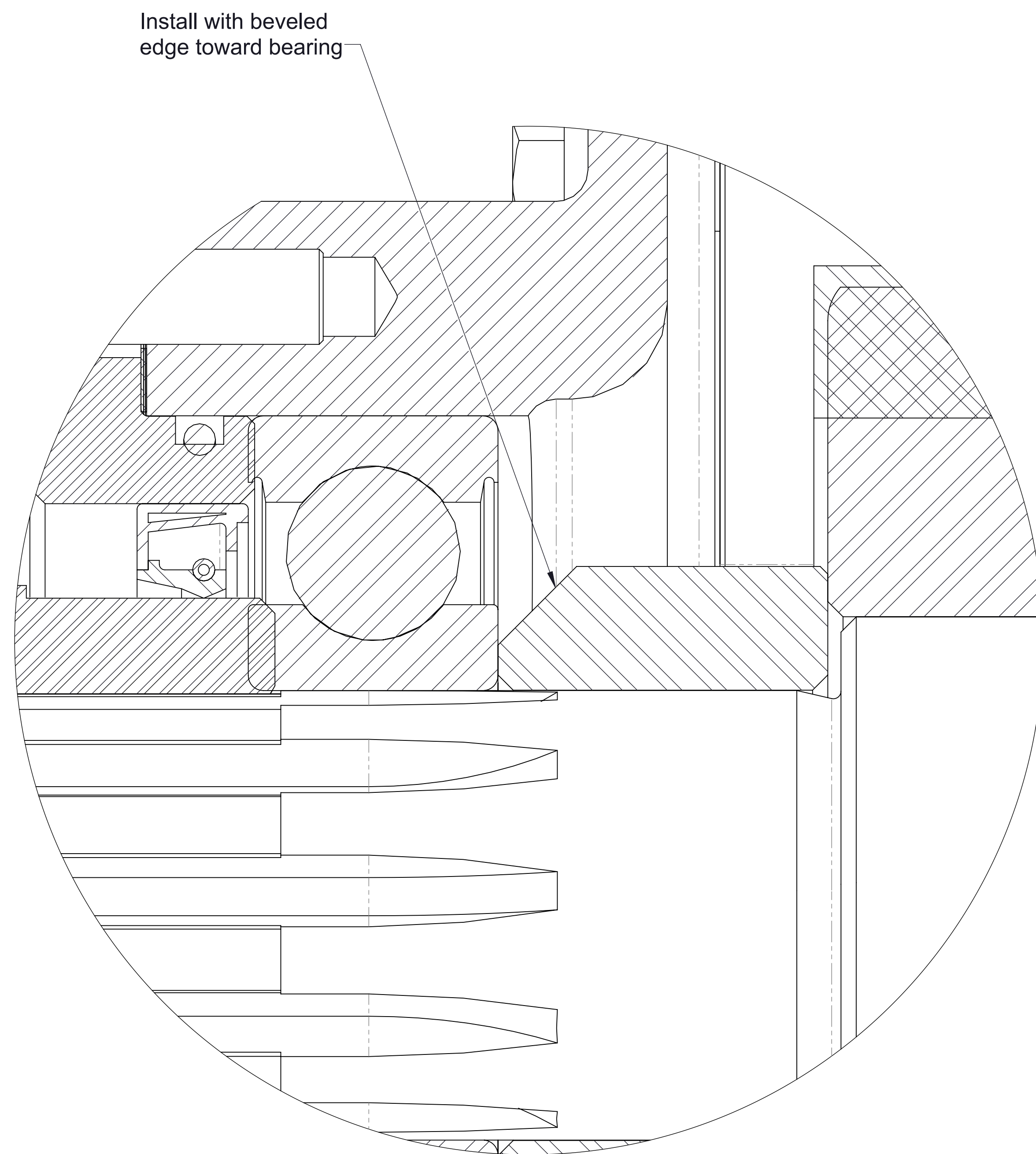
Optional End Yokes	
Series	Part Number
1550	V3077
SPL90	V3761
1350/1410	V3861-1

Pump Impeller shaft assembly,
See service part list SPL82198

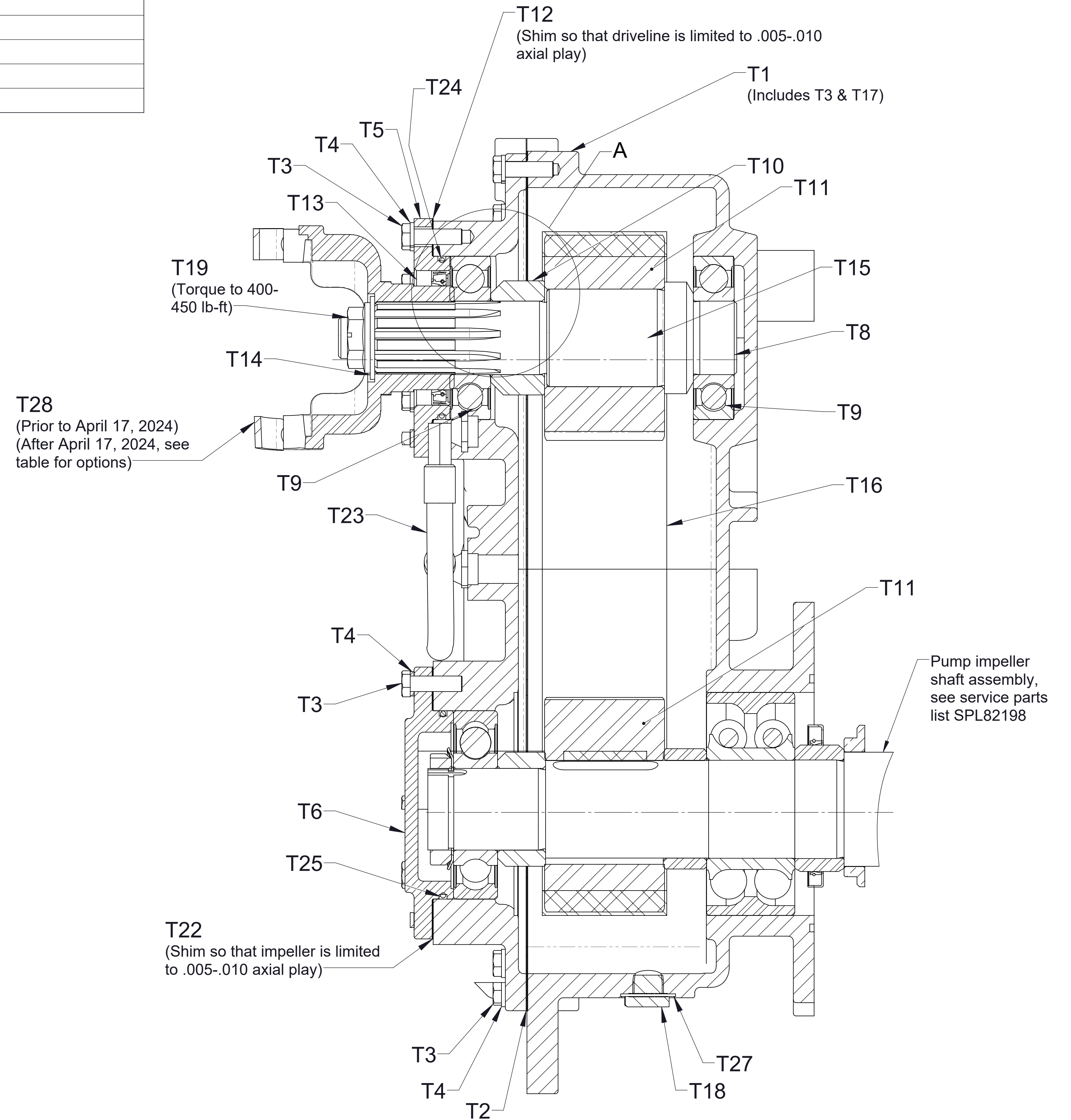
Driveline

Ref No.	Description	Ref No.	Description
T1	Case-Subassembly (Includes T3 & T17)	T13	Seal-Oil, 2-1/2 x 3-1/4 in
T2	Gasket	T14	Washer-Plain, 1 in
T3	Screw-Hex Hd, 3/8-16 X 1-1/4 in	T15	Key-Square, 1/2 x 2 in
T4	Washer-Lock, 3/8 in	T16	Chain-Drive
T5	Housing Oil Seal	T18	Plug-Drain, 3/4-16
T6	Bearing Cover	T19	Nut-Self Locking, 1-20 UNEF-2B
T8	Shaft-Drive	T22	Impeller Shaft Housing Shim (.005 Blue, .007 Natural, .010 Brown)
T9	Bearing, Ball, Single Row, 45 x 100 x 25 mm	T23	Hose Assembly
T10	Spacer-Drive Shaft	T24	O-Ring, 3-5/8 X 3-7/8 in
T11	Sprocket	T25	O-Ring, 4 x 4-1/4 in
T12	Drive Shaft Housing Shim (.005 Blue, .007 Natural, .010 Brown)	T27	Seal Plug
		T28	End Yoke

Optional End Yokes	
Series	Part Number
1550	V3077
SPL90	V3761
1350/1410	V3861-1



DETAIL A
SCALE 3 : 1



Cross Section View