



INSTRUCTION BULLETIN

No. 340431
Machine: 800/810
Published: 6-00/00
System: HYDRAULICS

NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in your machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save you the cost of ordering an entire kit.

NOTE: Numbers in parenthesis () are reference numbers for parts listed in Bill of Materials.

Repair parts list for pump 373405 and kit number 369888

SYNOPSIS:

This kit contains the new pump 373405, repair information bulletin, repair parts list, and parts breakdown for hydraulic pump part # 373405.

When repairing this pump, please follow the step-by-step instructions in the repair information bulletin (Part # 373406 / Eaton # 07-06-629)

BILL OF MATERIALS FOR FIG. 1 BREAKDOWN PUMP PART #373405

NOTE: Piston Pump, TENNANT Part Number 373405 includes Fig. 1, Fig. 2 and Fig. 3

Ref.	TENNANT Part No.	Description	Qty.
	373404	(000000-) Pump, Hyd Piston V 2.48	1
▲ 1	74184	(000000-) Nut, Jam	1
▲ 2	74223	(000000-) Screw, Cap	8
▲ 3	61882	(000000-) Rotating Kit	1
▲ 4	373407	(000000-) Piston, Servo	1
▲ 5	74254	(000000-) Follower, Piston	1
▲ 6	74256	(000000-) Plate, Cover	1
▲ 7	74257	(000000-) Plate, Cover	1
▲ 8	74258	(000000-) Camplate S/A	1
▲ 9	74240	(000000-) Race, Bearing	2
▲ 10	74210	(000000-) Bearing	1
▲ 11	74283	(000000-) Seal Kit, Pump	1
▲ 12	74262	(000000-) Screw, Cap	6
▲	373408	(000000-) Housing S/A	1
▲▲ 13	373409	(000000-) Housing	1
▲▲ 14	37462	(000000-) Bearing	1
▲▲ 15	79742	(000000-) Plug S/A	1
▲ 16	373410	(000000-) Cradle Sub Assy	1
▲▲ 17	373218	(000000-) Dowel Bushing	2
▲▲ 18	373414	(000000-) Bushing	1
▲▲ 19	373415	(000000-) Cap Screw	1
▲▲ 20	79747	(000000-) Cap Screw	2
▲ 21	74265	(000000-) Shaft, Drive Sp	1
▲ 22	74266	(000000-) Nut	1
▲ 23	74267	(000000-) Lockwasher	1

▲	24	37460	(000000-	)	Washer	1
▲	25	13907	(000000-	)	Plug #8	2
▲	26	79779	(000000-	)	Plug,#12 O-Ring Ph	1
▲	27	74272	(000000-	)	Arm, Control	1
▲	28	74273	(000000-	)	Control, Manual (See Breakdown)	1
▲	29	74276	(000000-	)	Orifice, Valve	1
▲	30	74280	(000000-	)	Washer	1
▲	31	74281	(000000-	)	Washer	8

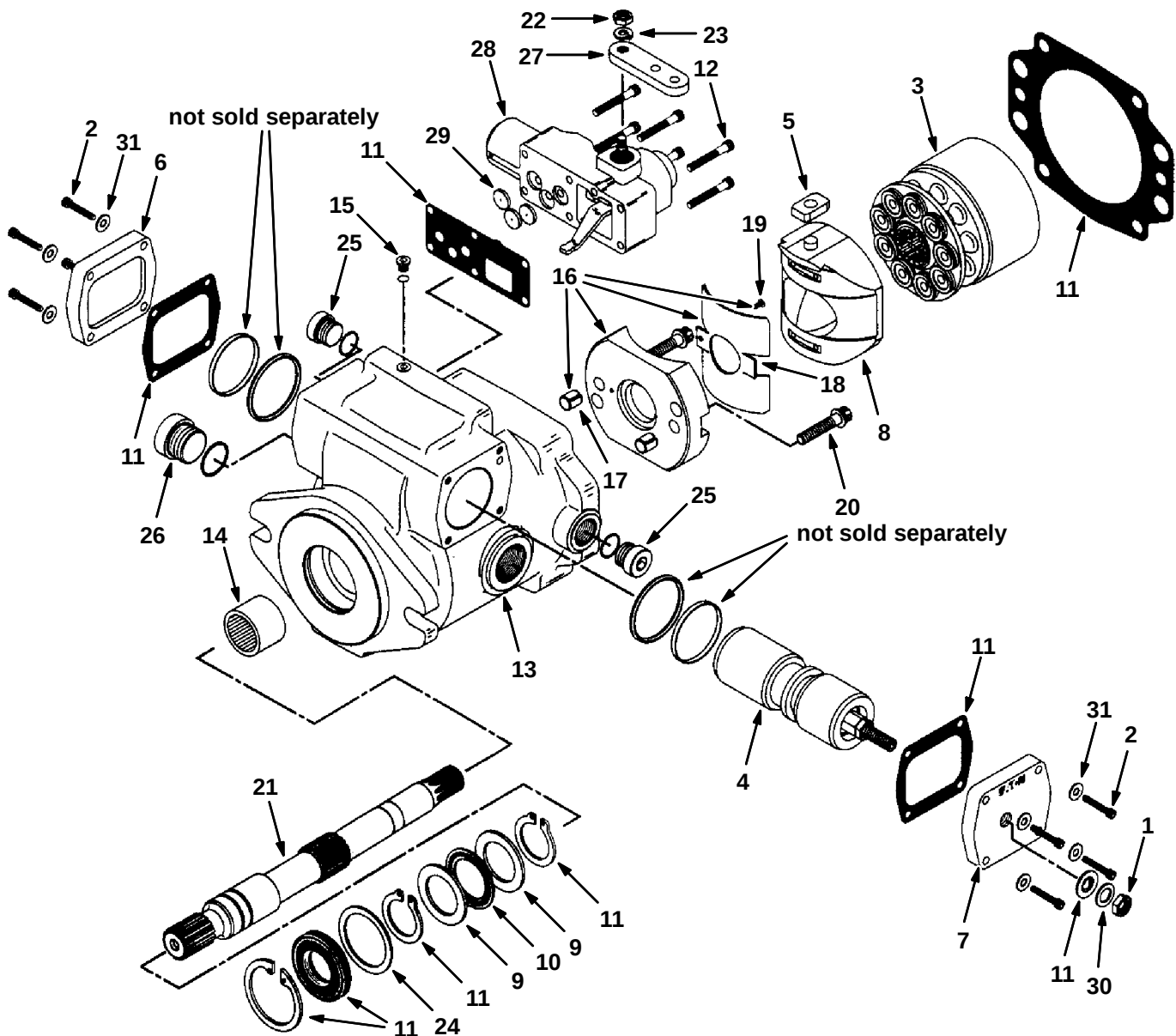


FIG. 1 - HYDRAULIC PISTON PUMP BREAKDOWN, 373405

BILL OF MATERIALS FOR FIG. 2 BREAKDOWN PUMP PART #373405

NOTE: Piston Pump, TENNANT Part Number 373405 includes Fig. 1, Fig. 2 and Fig. 3

	Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
		74163	(000000-	) Pump, Hyd Piston V 2.48	1
▲	1	74259	(000000-	) Relief Valve Sa	2
▲	2	74283	(000000-	) Seal Kit, Pump	1
▲	3	373374	(000000-	) Screw, Cap	2
▲	4	373375	(000000-	) Screw, Cap	2
▲	5	61886	(000000-	) Valve Plate	1
▲	6	373406	(000000-	) Repair Info,Pmp	1
▲	7	373412	(000000-	) Backplate S/A	1
▲▲	8	34159	(000000-	) Bearing	1
▲▲	9	79748	(000000-	) Roll Pin	1
▲	10	74270	(000000-	) Key	1
▲	11	74271	(000000-	) Charge Pmp Adap	1
▲▲	12	79749	(000000-	) Bushing	1
▲▲	13	79750	(000000-	) Plug	1
▲▲	14	79751	(000000-	) Shims	1
▲▲	15	79752	(000000-	) Spring	1
▲▲	16	79753	(000000-	) Poppet	1
▲	17	74274	(000000-	) Geroter,Ring In	1
▲	18	74275	(000000-	) Geroter,Ring Ot	1
▲	19	74277	(000000-	) Coupler	1
▲	20	74278	(000000-	) Ring, Retaining	2
▲	21	373413	(000000-	) Actuator, Valve	1
▲	22	74282	(000000-	) Washer	4

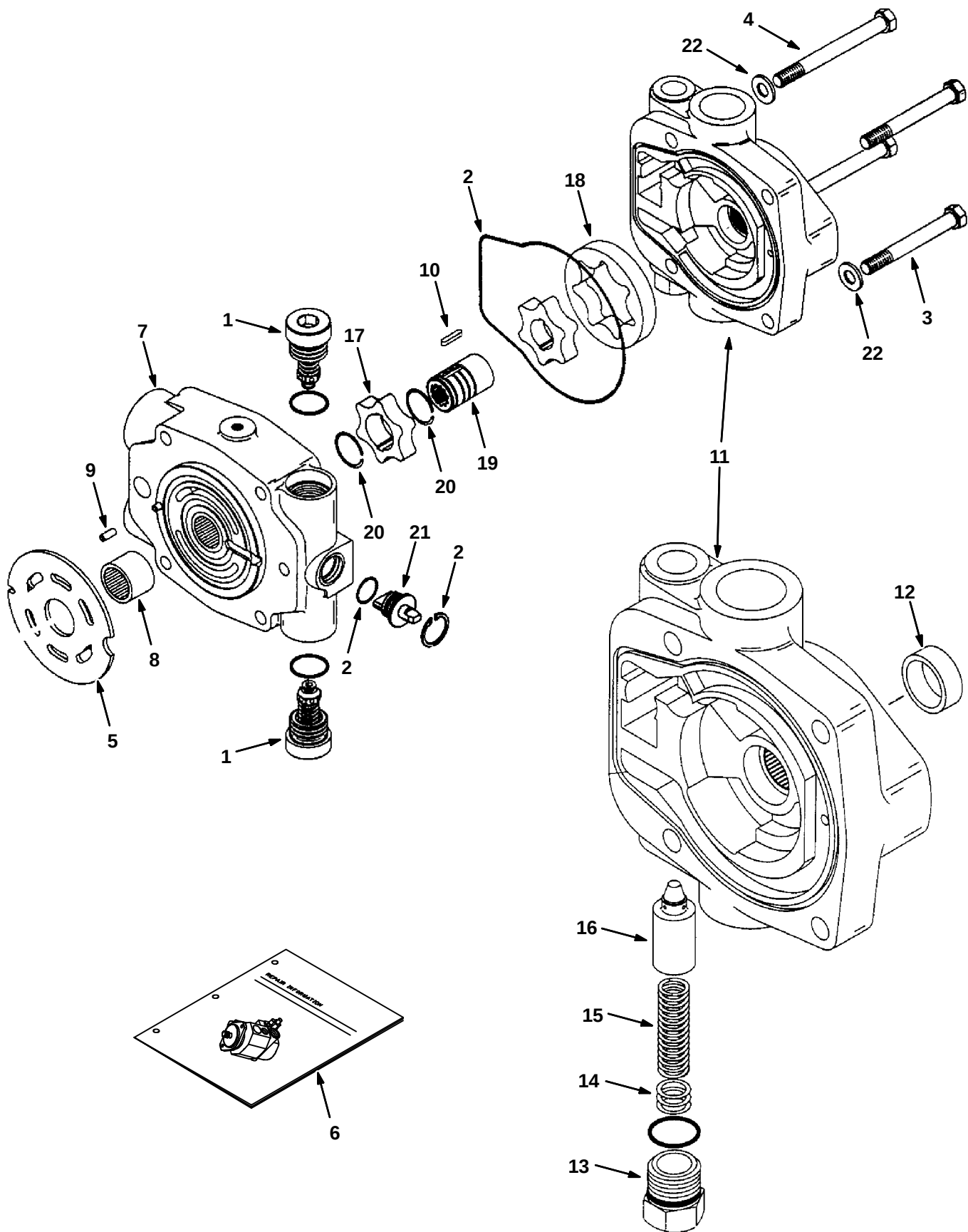


FIG. 2 - HYDRAULIC PISTON PUMP BREAKDOWN, 373404

BILL OF MATERIALS FOR FIG. 3, MANUAL CONTROL BREAKDOWN #373369

NOTE: Piston Pump, TENNANT Part Number 373405 includes Fig. 1, Fig. 2 and Fig. 3

	Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
		373369	(000000-	) Manual Control En	1
▲	1	79754	(000000-	) Housing,Control En	1
▲	2	79755	(000000-	) Plug En	1
▲	3	79776	(000000-	) Seal Kit,Cntrl En	1
▲	4	79756	(000000-	) Ring, Retaining En	1
▲	5	79757	(000000-	) Spring,Retainer En	2
▲	6	79758	(000000-	) Spring, Cntr En	1
▲	7	79772	(000000-	) Valve Spool Wide En	1
▲	8	79760	(000000-	) Screw, Set En	1
▲	9	79761	(000000-	) Link, Feedback En	1
▲	10	79762	(000000-	) Dowel Pin En	1
▲	11	79763	(000000-	) Ring, Retaining En	1
▲	12	79764	(000000-	) Bell Crank En	1
▲	13	79765	(000000-	) Screw, Set En	1
▲	14	79766	(000000-	) Shaft, Input En	1
▲	15	79767	(000000-	) Pin, Headed En	1
▲	16	373371	(000000-	) Adaptor, Neutral En	1
▲	17	79774	(000000-	) Ball En	1
▲	18	373372	(000000-	) Pin, Cntrl Assy En	1
▲	19	79760	(000000-	) Screw, Set En	1
▲	20	373373	(000000-	) Switch, lockout, En	1

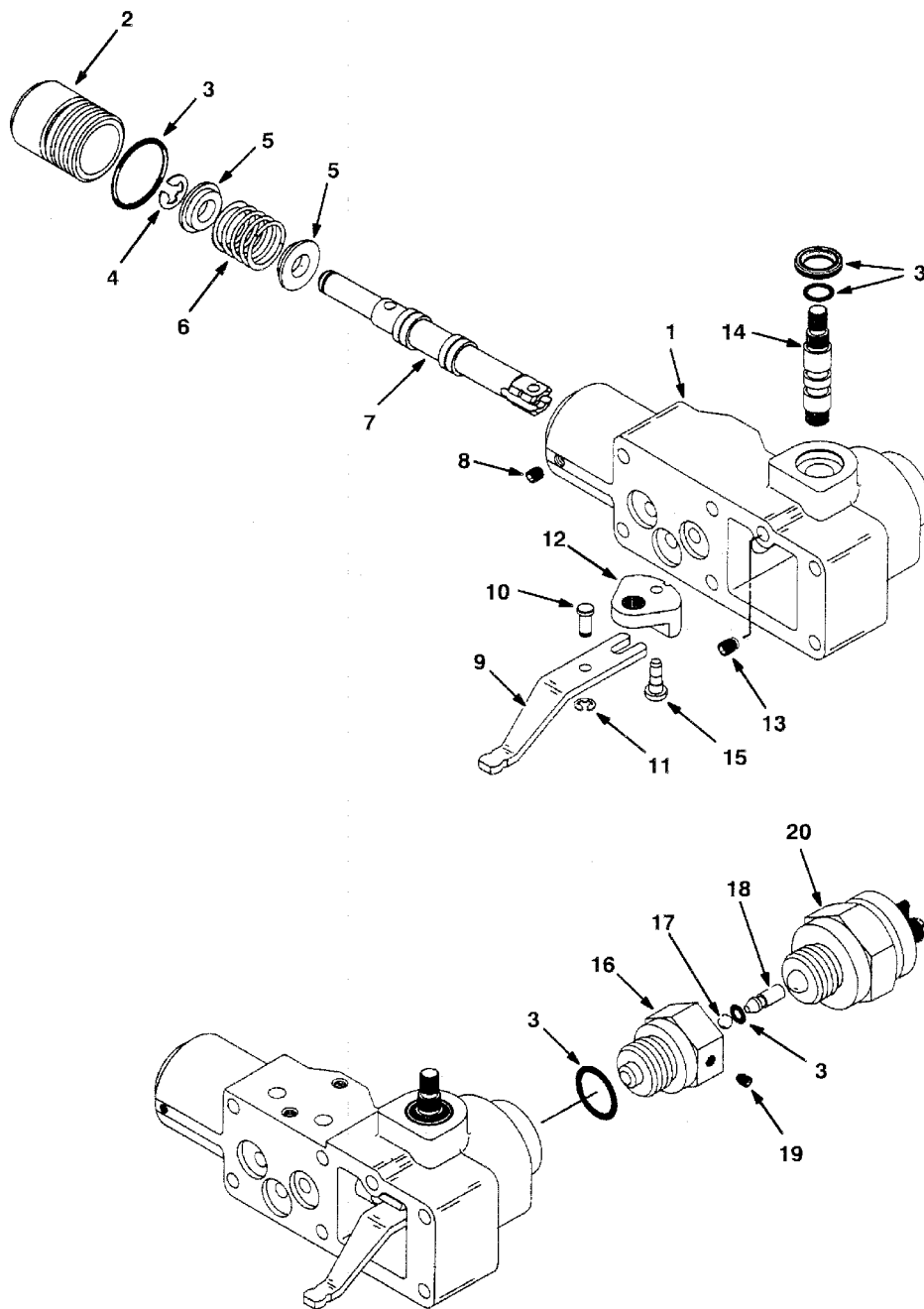


FIG. 3 - MANUAL CONTROL BREAKDOWN 373369

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