



# **PARTS CATALOG**

## **TRACTORS**

**Model 710C**

**Loader 3-Point Hitch**

**Model 714C**

**Backhoe - Loader**

**Model 715C**

**Backhoe - Loader**

**FOREWORD****ALPHABETICAL INDEX**

The complete alphabetical index appears at the beginning of this publication. It is used to locate major groups, assemblies and components.

**NUMERICAL INDEX**

The numerical index of this publication follows the Alphabetical Index at the beginning of the publication and indicates at which grid location and page number a part number appears.

**ILLUSTRATIONS**

All illustrations are located on the left hand page with the text on the right. Except for some common hardware, all parts are identified with an item number which corresponds to the "item" column on the text page. This is followed by the part number, quantity and description.

**HARDWARE**

Common hardware not identified such as bolts, nuts, cotter pins and lube fittings, are listed indented in the text beneath the item to which they attach or fit. Common hardware listed indented beneath an item is NOT included unless specified. Example: (Incl. BOLT, LOCKWASHER AND NUT).

**ORDERING PARTS**

Be sure to refer to both the text and the illustration to assure ordering the correct part.

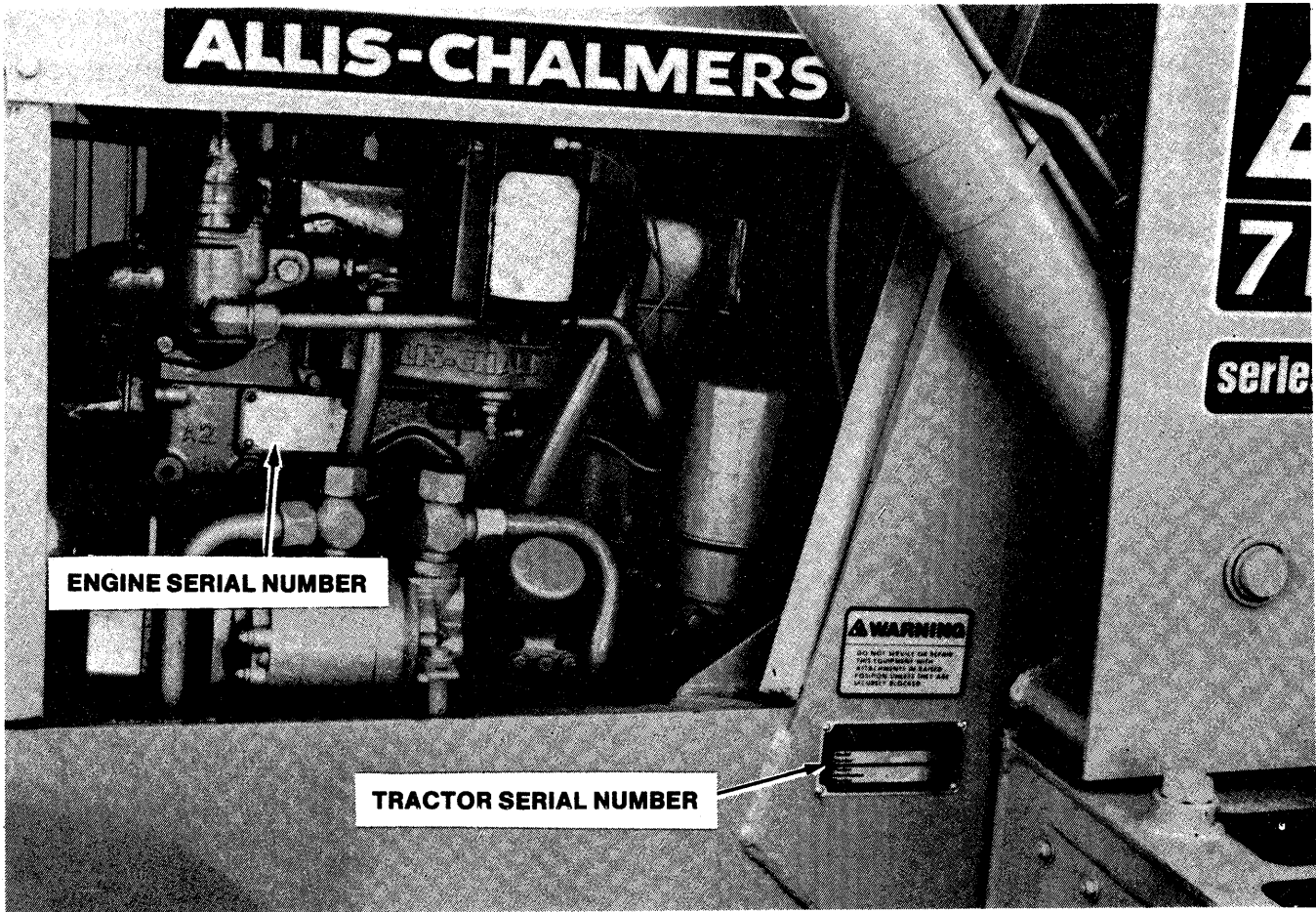
**RECOMMENDED DEALER STOCK**

A recommended dealer stock listing appears at the end of this publication.

CONTINENTAL DIVERSIFIED SALES, INC.

900 Sixth Avenue Southeast  
Minneapolis, Minnesota 55414

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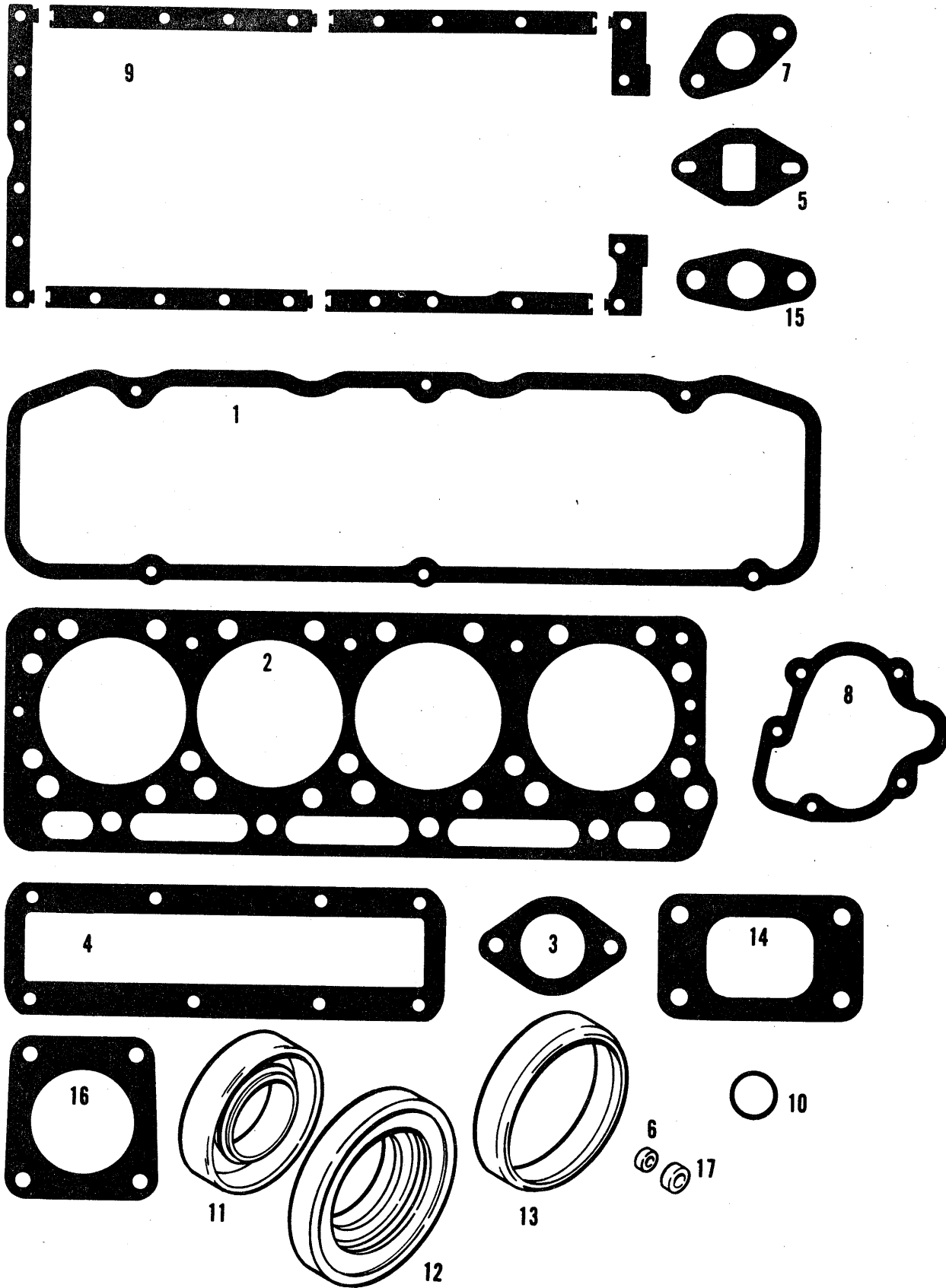
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4024090-5	27	1-B 4	4049437-9	81	1-D10	4060067-8	81	1-D10	4062664-0	75	1-D 4
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4025258-7	25	1-B 2	4053037-0	77	1-D 6	4061938-9	33	1-B10	4255983-1	51	1-C 4
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4026382-4	25	1-B 2	4053385-3	69	1-C22	4062164-1	29	1-B 6	4354571-4	39	1-B16
4026460-8	37	1-B14	4053451-3	71	1-C24	4062174-0	33	1-B10	4357289-0	45	1-B22
4026549-8	23	1-A24	4053589-0	69	1-C22	4062175-7	33	1-B10	4359776-4	79	1-D 8
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4026615-7	39	1-B16	4054579-0	69	1-C22	4062177-3	33	1-B10	4369436-3	71	1-C24
4026699-1	35	1-B12	4054582-4	65	1-C18	4062178-1	29	1-B 6	4369444-7	71	1-C24
4027975-4	51	1-C 4	4054583-2	65	1-C18	4062188-0	81	1-D10	4369595-6	67	1-C20



NUMERICAL INDEX

NUMERICAL INDEX

GASKET SETS



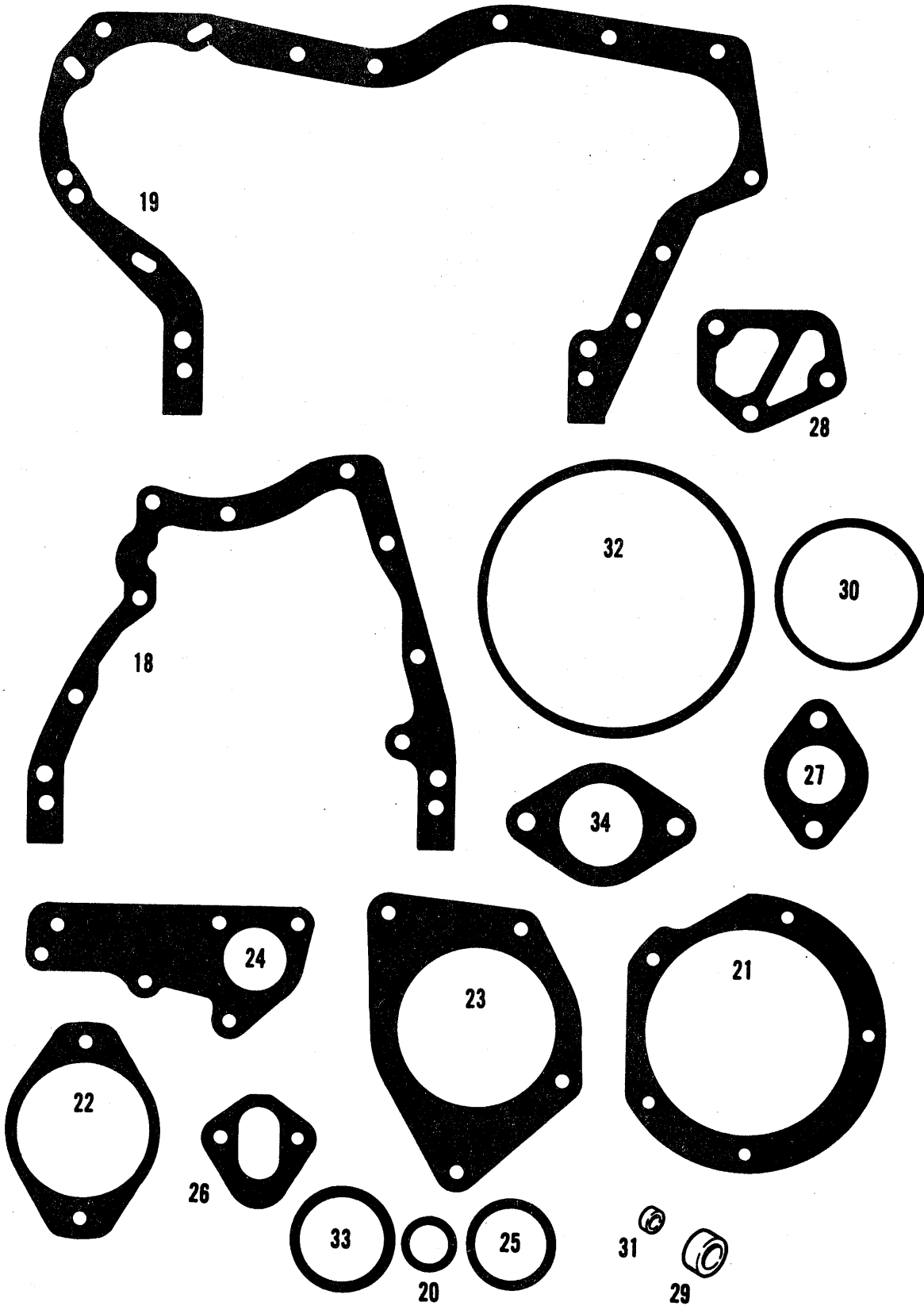
710C, 714C, 715C TRACTORS  
ENGINE

GASKET SETS

ITEM	NUMBER	QTY.	DESCRIPTION
-	4009460-9	1	GASKET SET, complete (Incl. Items 1 thru 13, & 18 thru 34)
-	4009457-5	1	GASKET SET, cylinder head (Incl. Items 1 thru 6, & Instruction Sheet)
-	4009458-3	1	GASKET SET, intermediate (Incl. Items 18 thru 34)
-	4008985-6	1	GASKET SET, oil pump & pan (Incl. Items 7 thru 10)
-	4024561-5	1	SEAL KIT, oil - front (Incl. Item 11 & Instruction Sheet)
-	4024562-3	1	SEAL KIT, oil - rear (Incl. Item 12 & Instruction Sheet)
-	4008103-6	1	SLEEVE KIT, wear - rear (Incl. Item 13 & Instruction Sheet)
-	4009452-6	1	GASKET SET, turbo (Incl. Items 14 thru 17) (This KIT is not included with complete GASKET SET)
1	4008073-1	1	GASKET, cylinder head cover
2	4007831-3	1	GASKET, cylinder head
3	4025101-9	2	GASKET, thermostat housing & outlet flange
4	4021339-9	2	GASKET, intake manifold
5	4020090-9	2	GASKET, exhaust manifold
6	0917806-2	8	SLEEVE, fuel return
7	4023459-3	1	GASKET, oil pump inlet
8	4024001-2	1	GASKET, oil pump housing
9	4021021-3	1	GASKET, oil pan
10	0921206-9	2	O-RING, drain plug
11	4024561-5	1	SEAL KIT, oil - front (Incl. SEAL & Instruction Sheet)
12	4024562-3	1	SEAL KIT, oil - rear (Incl. SEAL & Instruction Sheet)
13	4008103-6	1	SLEEVE KIT, wear (Incl. SLEEVE & Instruction Sheet)
14	4007850-3	1	GASKET, turbo mounting
15	4008041-8	1	GASKET, drain tube flange
16	4008569-8	1	GASKET, cross-over tube mounting
17	4255983-1	1	SLEEVE, viton (feed tube conn.)

Continued

GASKET SETS



710C, 714C, 715C TRACTORS  
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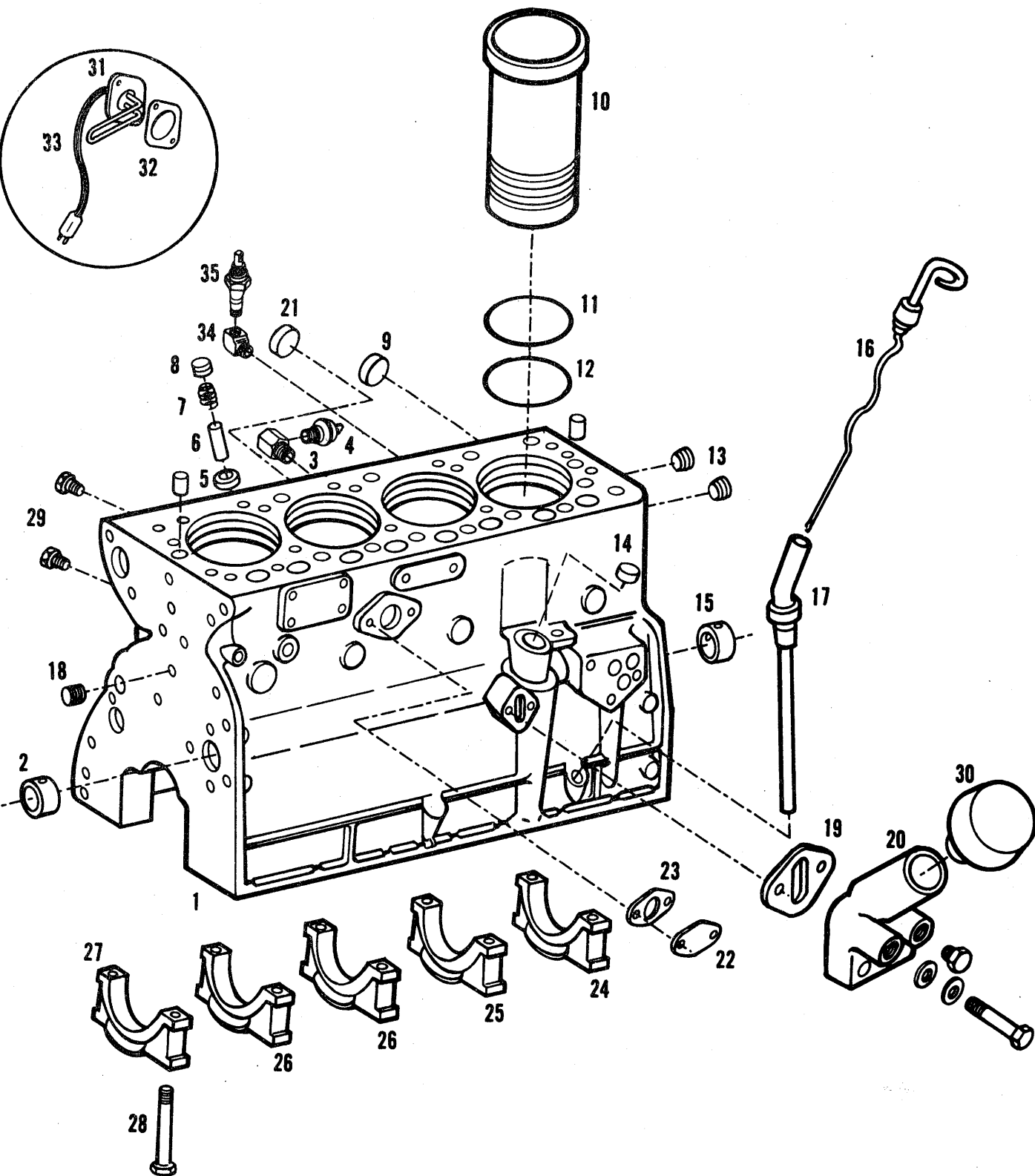
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GASKET SETS

ITEM	NUMBER	QTY.	DESCRIPTION
-	4009458-3	1	GASKET SET, intermediate (incl. Items 18 thru 34)
18	4020098-2	1	GASKET, front plate to block
19	4023567-3	1	GASKET, front cover to plate
20	0226012-3	1	GASKET, timing hole plug
21	4023859-4	1	GASKET, front cover inspection cover
22	4026549-8	1	GASKET, hyd. pump drive - front
23	4024599-5	1	GASKET, hyd. pump drive - rear
24	4023014-6	1	GASKET, water pump to block
25	0923684-5	1	O-RING, water pump to block
26	4025019-3	1	GASKET, oil filter elbow/plate
27	4025021-9	1	GASKET, oil filter elbow/plate
28	4025120-9	1	GASKET, lube oil manifold mounting
29	0919537-1	1	SLEEVE, flex. tube, cooler to thermostat housing
30	0936283-1	1	O-RING, cooler to filter
31	0917807-0	4	SLEEVE, flex. tube, filter to primer pump
32	4020016-4	1	O-RING, flywheel housing
33	4020879-5	1	O-RING, flywheel housing
34	4007956-8	1	GASKET, rear oil tube at block



CYLINDER BLOCK



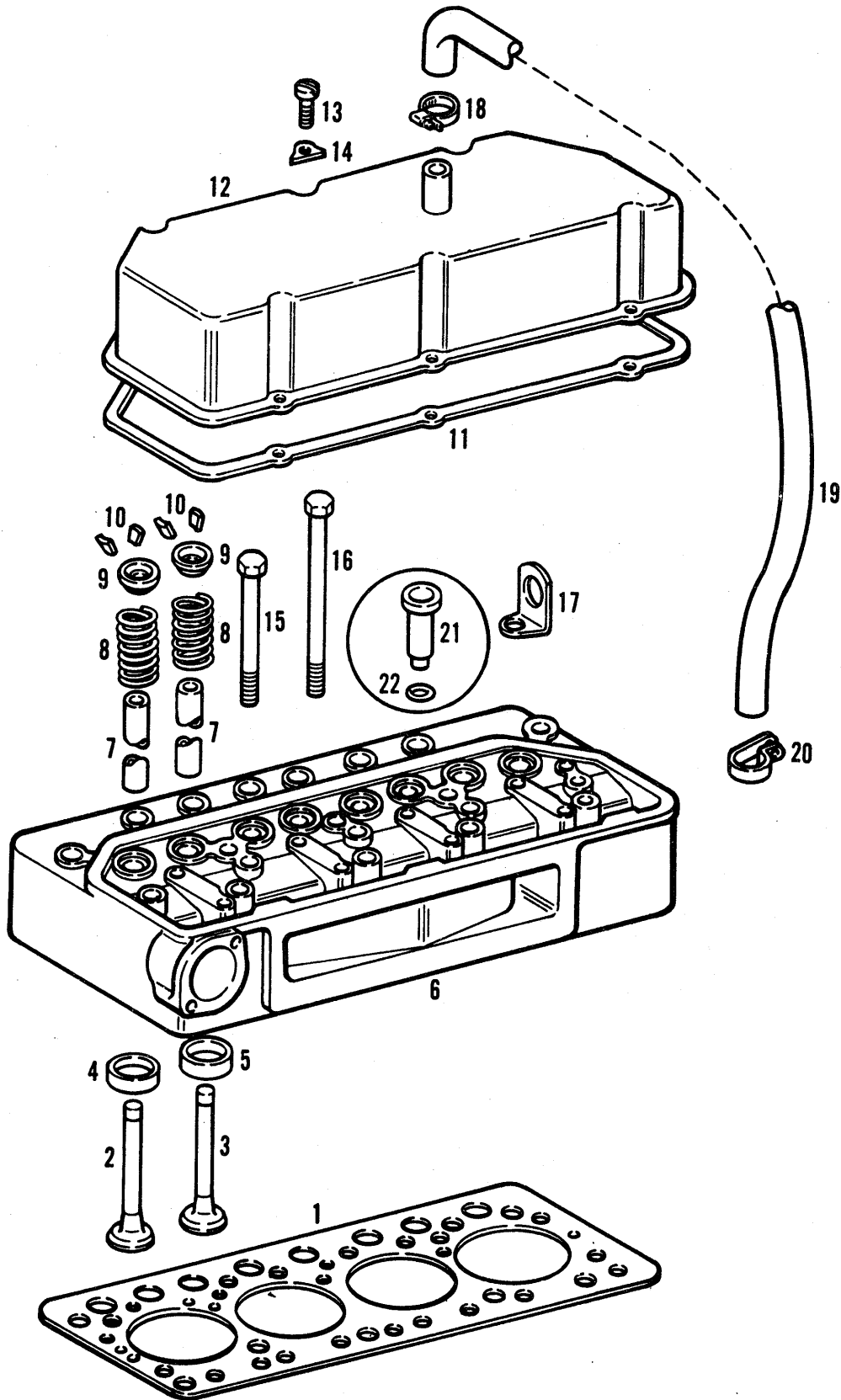
710C, 714C, 715C TRACTORS  
ENGINE

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CYLINDER BLOCK

ITEM	NUMBER	QTY.	DESCRIPTION
1	4008858-5	1	BLOCK ASY., cylinder (Incl. Items 2, 3, 5, 9, 13, 14, 15, 18, 21, 24 thru 29, & PLUGS listed below)
	0919134-7	2	PLUG, pipe, 1/8NPT
	0912415-7	2	COCK, drain, 1/4
	0918850-9	1	PLUG, pipe, hex. sckt., 1/4NPT
	4362338-8	1	PLUG, oil gage hole
	0917547-2	2	PIN, dowel, 3/8 x 3/4
	0917535-7	2	PIN, dowel, 1/2 x 1-1/4
2	4025025-0	1	BEARING, camshaft, front (Std.)
	4025259-5	1	BEARING, camshaft, front (.010" u/s)
3	4007823-0	1	ADAPTER, plug, oil pressure switch
4	0246171-3	1	SWITCH, oil pressure
5	4507673-4	1	INSERT
6	4507374-9	1	PISTON
7	4500231-8	1	SPRING
8	4022129-3	1	SCREW, relief valve
9	4255107-7	2	PLUG, expansion, 1-3/8
10	4061938-9	4	CYLINDER SLEEVE KIT (Refer to PISTON & CONNECTING ROD group for components)
11	4020032-1	4	O-RING, cylinder sleeve
12	4023827-1	4	O-RING, cylinder sleeve
13	4255492-3	3	PLUG, pipe
14	4254452-8	1	PLUG, expansion
15	4025238-9	2	BEARING, camshaft, center & rear (Std.)
	4025258-7	2	BEARING, camshaft, center & rear (.010" u/s)
16	4008299-2	1	GAUGE, oil level
17	4009305-6	1	ADAPTER ASY., oil level gauge
18	4025392-4	1	PLUG, pipe, 1/2NPT, with 1/16" hole
19	4025019-3	1	GASKET, cover plate
20	4023455-1	1	ELBOW, oil filler
	0923141-6	2	CAPSCREW, 5/16NC x 2-3/4
	0912369-6	2	WASHER
	0919840-9	1	PLUG, pipe, 1/4
21	4255110-1	1	PLUG, expansion, 1-3/8
22	4026382-4	1	PLATE
	0921966-8	2	CAPSCREW, 3/8NC x 7/8
	0912369-6	2	WASHER
	0919312-9	2	LOCKWASHER, 3/8
23	4025021-9	1	GASKET, plate
24	4023889-1	1	CAP, main bearing, rear
25	4007780-2	1	CAP, main bearing, intermediate
26	4023887-5	2	CAP, main bearing, intermediate & center
27	4023508-7	1	CAP, main bearing, front
28	4020135-2	10	CAPSCREW, main bearing cap
29	4255492-3	2	PLUG, pipe, 1/2NPT
30	4021711-9	1	CAP, oil filler
31	4008014-5	1	ELEMENT, heater
	0921966-8	2	CAPSCREW, 3/8NC x 7/8
	0922464-3	2	WASHER, 21/32 x 13/32 x 1/4
	0916965-7	2	LOCKWASHER, 3/8
32	4007956-8	1	GASKET
33	4006788-6	1	CORD, heater
34	0923690-2	1	ELBOW
35	4021445-4	1	SWITCH, oil pressure
-	4009057-3	1	BLOCK, short (Incl. CYL. BLOCK, CRANKSHAFT & BEARINGS, CAMSHAFT GEAR & BEARINGS, VALVE LIFTERS CONNECTING RODS, PISTONS, PINS & RINGS, CYLINDER SLEEVES & SEALS. Order GASKET SETS & OIL SEALS required)

CYLINDER HEAD



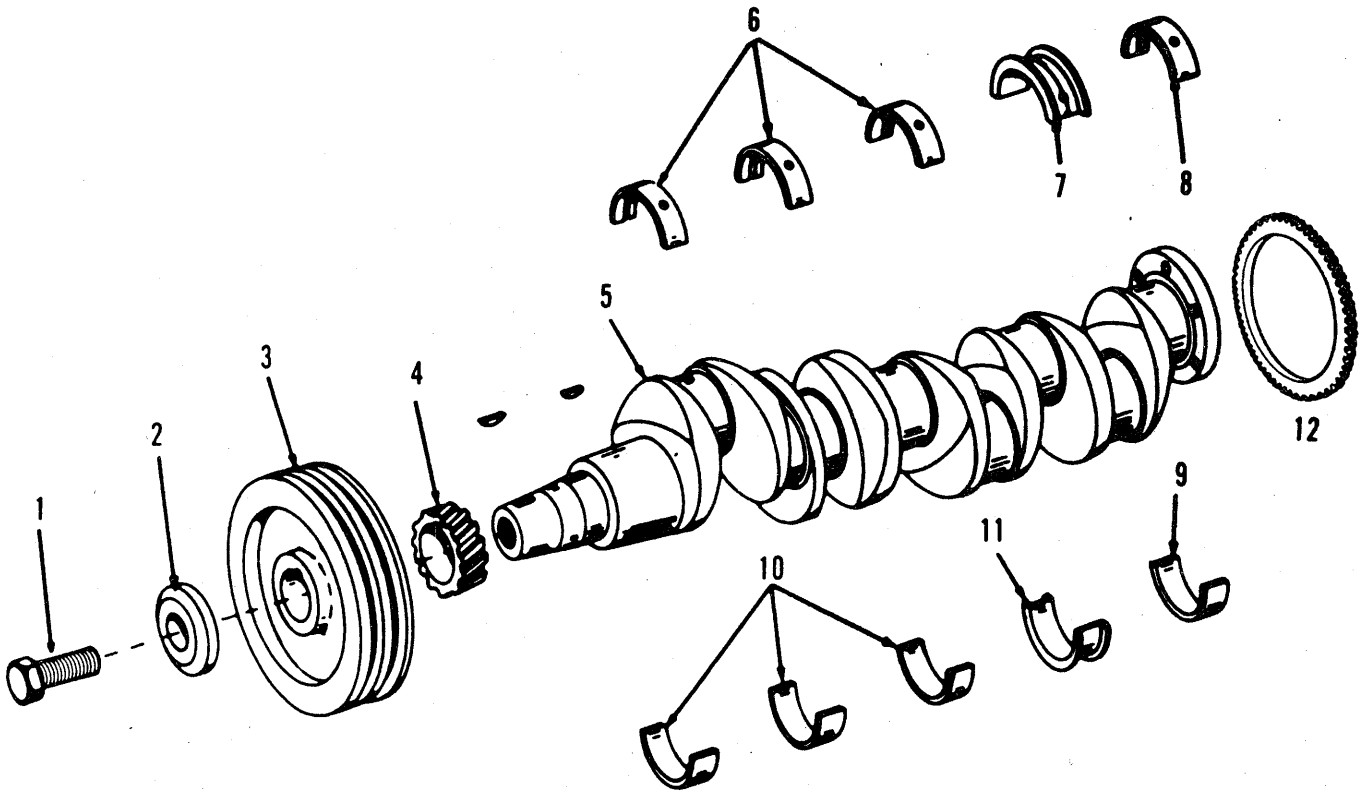
710C, 714C, 715C TRACTORS  
ENGINE

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CYLINDER HEAD

ITEM	NUMBER	QTY.	DESCRIPTION
1	4007831-3	1	GASKET, cylinder head
2	4023378-5	4	VALVE, intake
3	4007148-2	4	VALVE, exhaust
4	4023382-7	4	INSERT, valve, intake
5	4023380-1	4	INSERT, valve, exhaust
6	4008088-9	1	HEAD ASY., cylinder (Incl. Items 4, 5, 7, 21, 22 & PLUGS)
	0928879-6	3	PLUG, expansion, 1"
	4255577-1	1	PLUG
7	4022595-5	8	GUIDE, valve, intake & exhaust
8	4035186-8	8	SPRING, valve, intake & exhaust
9	4020408-3	8	RETAINER
10	4376497-6	16	LOCK, half
11	4008073-1	1	GASKET, cover, cylinder head
12	4009318-9	1	COVER, cylinder head
13	4153776-2	6	CAPSCREW, 1/4NC x 5/8
14	4025491-4	6	WASHER, cylinder head cover
15	4035388-0	15	CAPSCREW, cylinder head, short
16	4035389-8	4	CAPSCREW, cylinder head, long
17	4023913-9	2	EYE, lifting
18	4255930-2	1	CLAMP, hose
19	4024090-5	1	HOSE, breather
20	4009147-2	1	CLAMP
21	4009255-3	4	SLEEVE, injection
22	0928953-9	8	O-RING

CRANKSHAFT



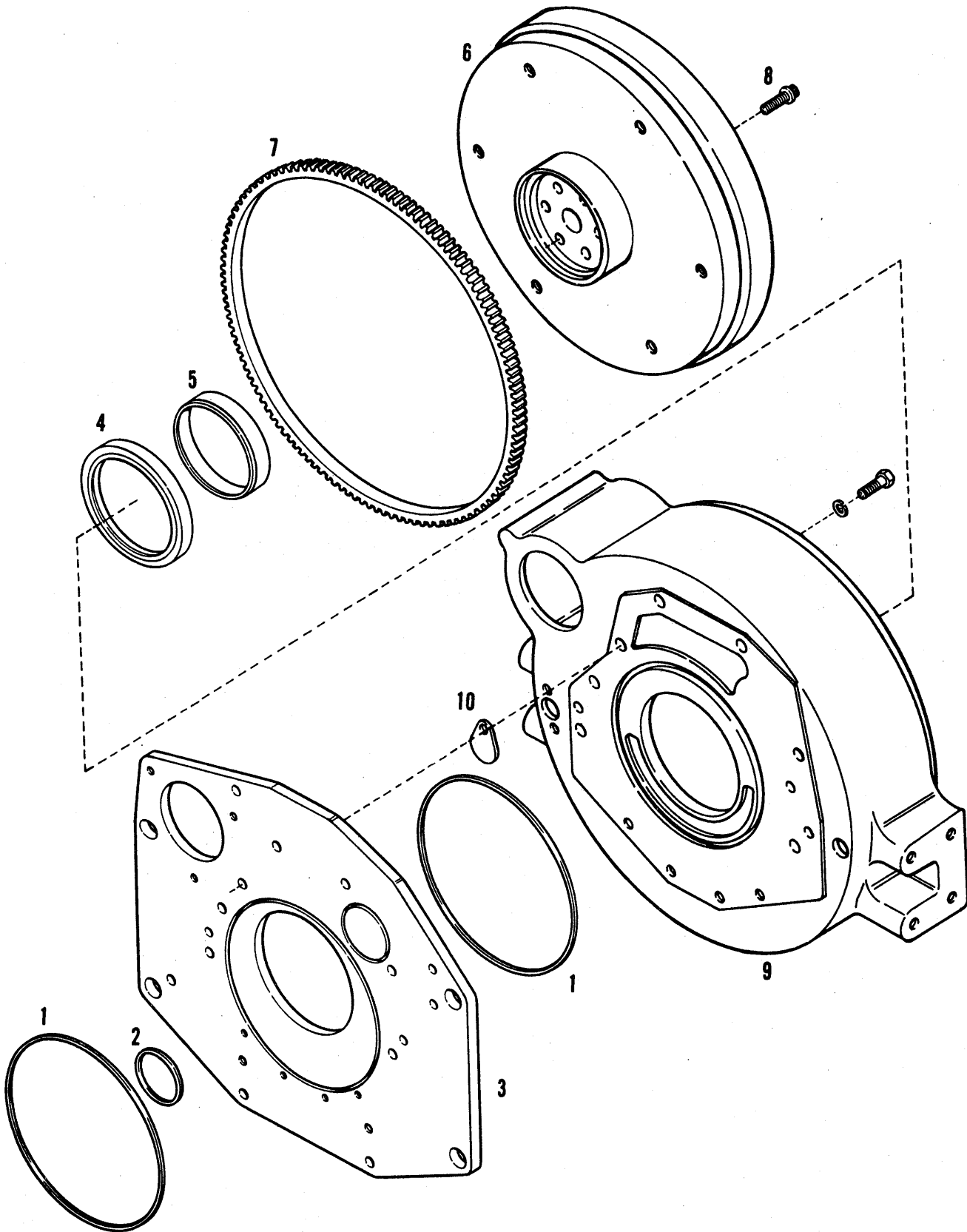
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CRANKSHAFT

ITEM	NUMBER	QTY.	DESCRIPTION
1	4020148-5	1	CAPSCREW, pulley
2	4020149-3	1	WASHER, pulley
3	4007848-7	1	PULLEY, crankshaft
	0905845-4	1	KEY, woodruff, 1/4 x 7/8
4	4023979-0	1	GEAR, crankshaft
	0905845-4	1	KEY, woodruff, 1/4 x 7/8
5	4008043-4	1	CRANKSHAFT
6	4007694-5	3	BEARING, front & intermediate, upper (Std.)
	4007746-3	3	BEARING, front & intermediate, upper (.010")
	4007748-9	3	BEARING, front & intermediate, upper (.020")
	4008166-3	3	BEARING, front & intermediate, upper (.030")
7	4007698-6	1	BEARING, center, upper (Std.)
	4007750-5	1	BEARING, center, upper (.010")
	4007751-3	1	BEARING, center, upper (.020")
	4008164-8	1	BEARING, center, upper (.030")
8	4007696-0	1	BEARING, rear, upper (Std.)
	4007743-0	1	BEARING, rear, upper (.010")
	4007744-8	1	BEARING, rear, upper (.020")
	4008169-7	1	BEARING, rear, upper (.030")
9	4007697-8	1	BEARING, rear, lower (Std.)
	4007754-7	1	BEARING, rear, lower (.020")
	4008170-5	1	BEARING, rear, lower (.030")
10	4007695-2	3	BEARING, front & intermediate, lower (Std.)
	4007759-6	3	BEARING, front & intermediate, lower (.010")
	4007760-4	3	BEARING, front & intermediate, lower (.020")
	4008167-1	3	BEARING, front & intermediate, lower (.030")
11	4007699-4	1	BEARING, center, lower (Std.)
	4007756-2	1	BEARING, center, lower (.010")
	4007757-0	1	BEARING, center, lower (.020")
	4008165-5	1	BEARING, center, lower (.030")
12	4007825-5	1	GEAR, balancer
-	4062162-5	1	BEARING KIT, main (Std.) (Incl. Items 6 thru 11)
	4062163-3	1	BEARING KIT, main (.010") (Incl. Items 6 thru 11)
	4062164-1	1	BEARING KIT, main (.020") (Incl. Items 6 thru 11)
	4062178-1	1	BEARING KIT, main (.030") (Incl. Items 6 thru 11)

FLYWHEEL & ADAPTER PLATE



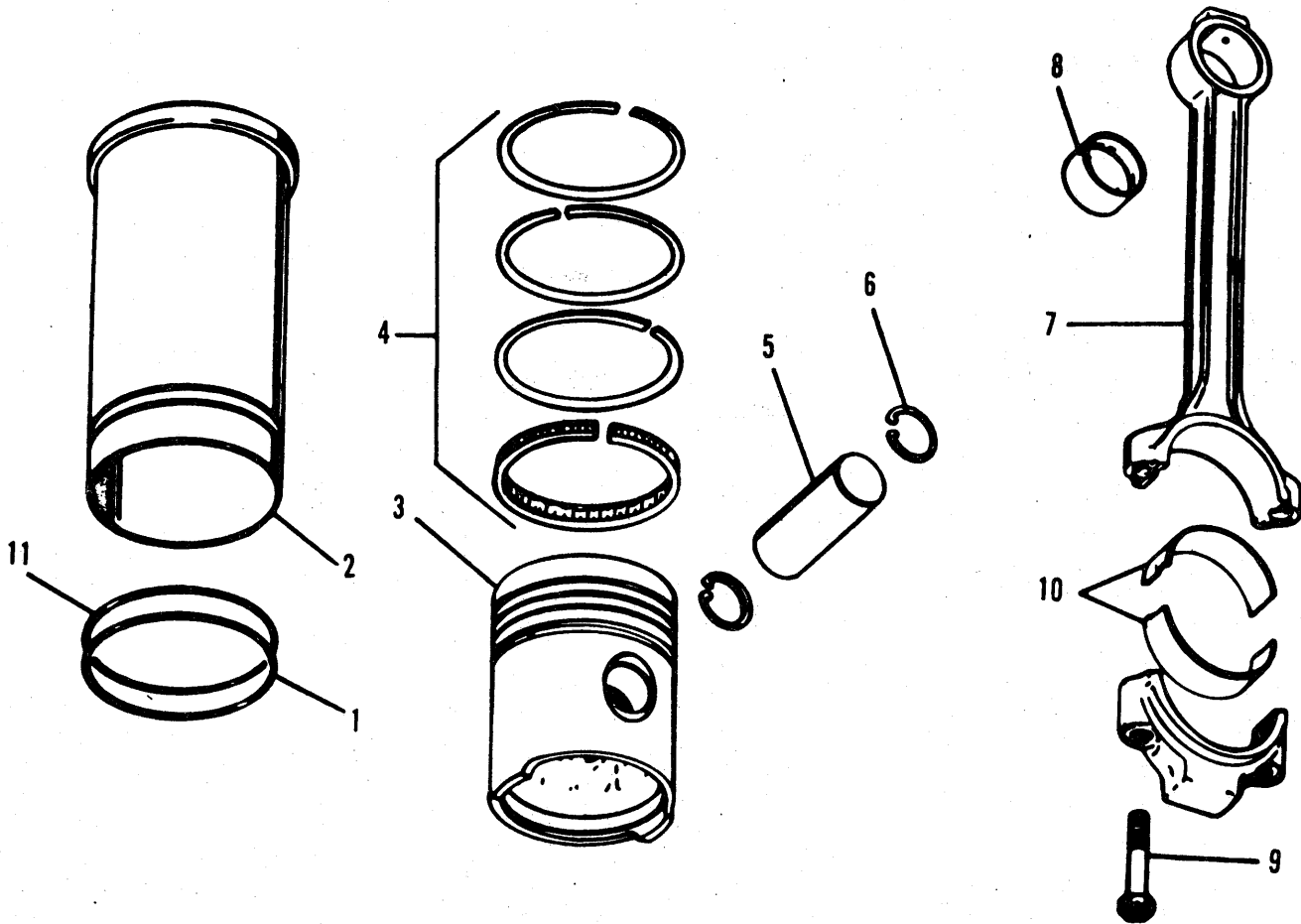
710C, 714C, 715C TRACTORS  
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FLYWHEEL & ADAPTER PLATE

ITEM	NUMBER	QTY.	DESCRIPTION
1	4020016-4	2	O-RING, flywheel plate (8-1/2 I.D.)
2	4020879-5	1	O-RING, flywheel plate (2-1/4 I.D.)
3	4006644-1	1	PLATE, adapter, flywheel
	0917021-8	2	PIN, dowel, 1/2 x 1
	0921176-4	7	CAPSCREW, 1/2NC x 1-3/8
	0916966-5	7	LOCKWASHER, 1/2
4	4024562-3	1	SEAL, oil, rear
5	4008103-6	1	SLEEVE KIT, oil seal
6	4009466-6	1	FLYWHEEL ASY. (Incl. Item 7)
7	4514230-4	1	RING, gear
8	4035530-7	6	CAPSCREW, flywheel
9	4021153-4	1	HOUSING, flywheel No. 3
10	4255155-6	1	COVER, timing holder
	0921958-5	1	CAPSCREW, 1/4NC x 1/2
	0916964-0	1	LOCKWASHER, 1/4



PISTON & CONNECTING ROD



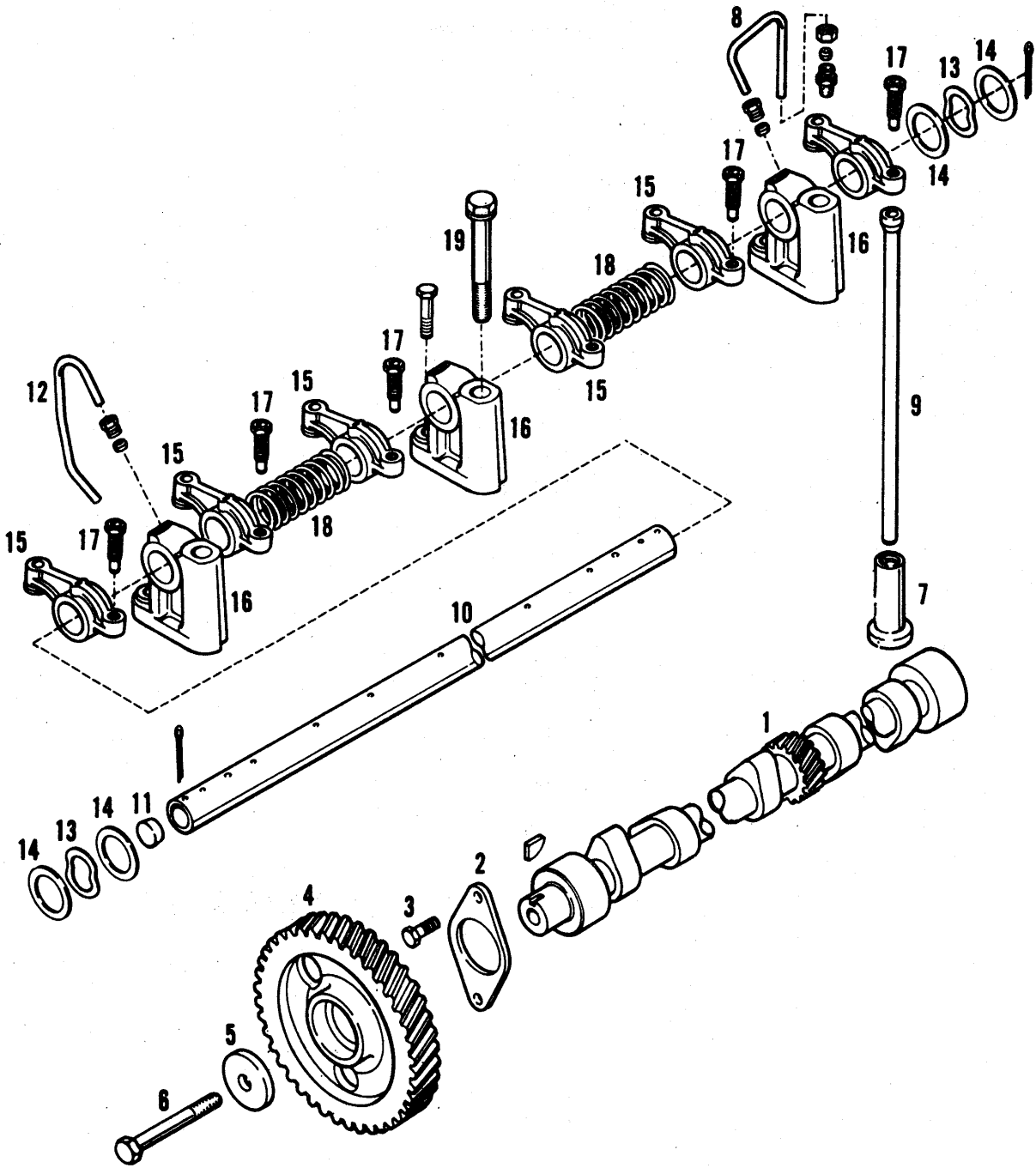
710C, 714C, 715C TRACTORS  
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PISTON & CONNECTING ROD

ITEM	NUMBER	QTY.	DESCRIPTION
1	4020032-1	4	O-RING, cylinder sleeve
2	4061938-9	4	SLEEVE KIT, cylinder (Incl. Items 1 & 11)
3	4062156-7	4	PISTON KIT (Incl. Items 4, 5 & 6)
4	4062157-5	4	RING SET, piston (Consists of 3 RINGS & EXPANDER)
5	4023970-9	4	PIN, piston
6	4253059-2	8	RETAINER, piston pin
7	4007975-8	4	ROD ASY., connecting (Incl. Items 8 & 9)
8	4020049-5	4	BUSHING, connecting rod
9	4024583-9	8	CAPSCREW, connecting rod
10	4007700-0	8	BEARING, connecting rod (Std.)
	4007740-6	8	BEARING, connecting rod (.010")
	4007741-4	8	BEARING, connecting rod (.020")
	4062174-0	1	*BEARING KIT, connecting rod (Std.)
	4062175-7	1	*BEARING KIT, connecting rod (.010")
	4062176-5	1	*BEARING KIT, connecting rod (.020")
	4062177-3	1	*BEARING KIT, connecting rod (.030")
11	4023827-1	4	O-RING, cylinder sleeve

\*Includes 12 BEARINGS

VALVE OPERATING MECHANISM

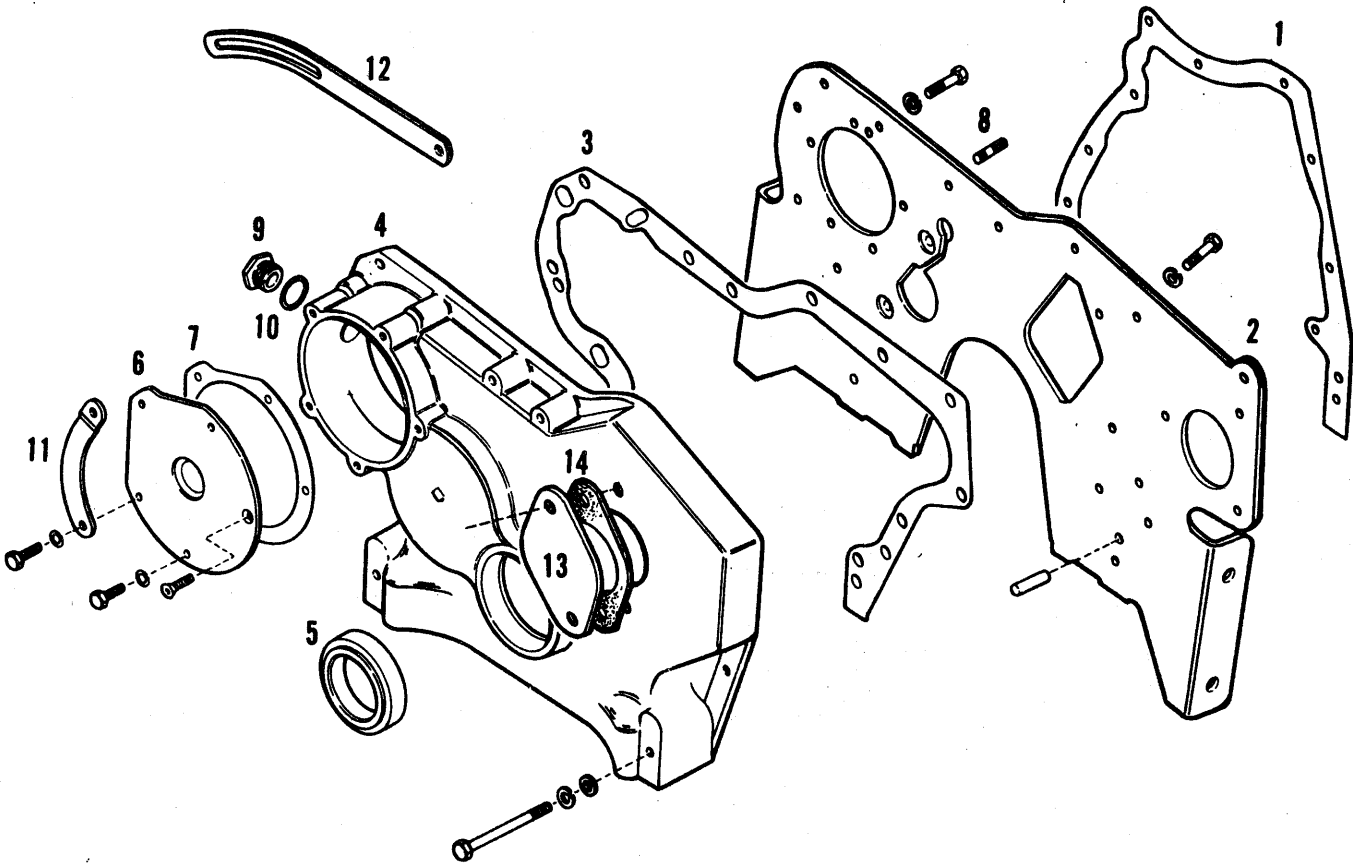


710C, 714C, 715C TRACTORS  
ENGINE

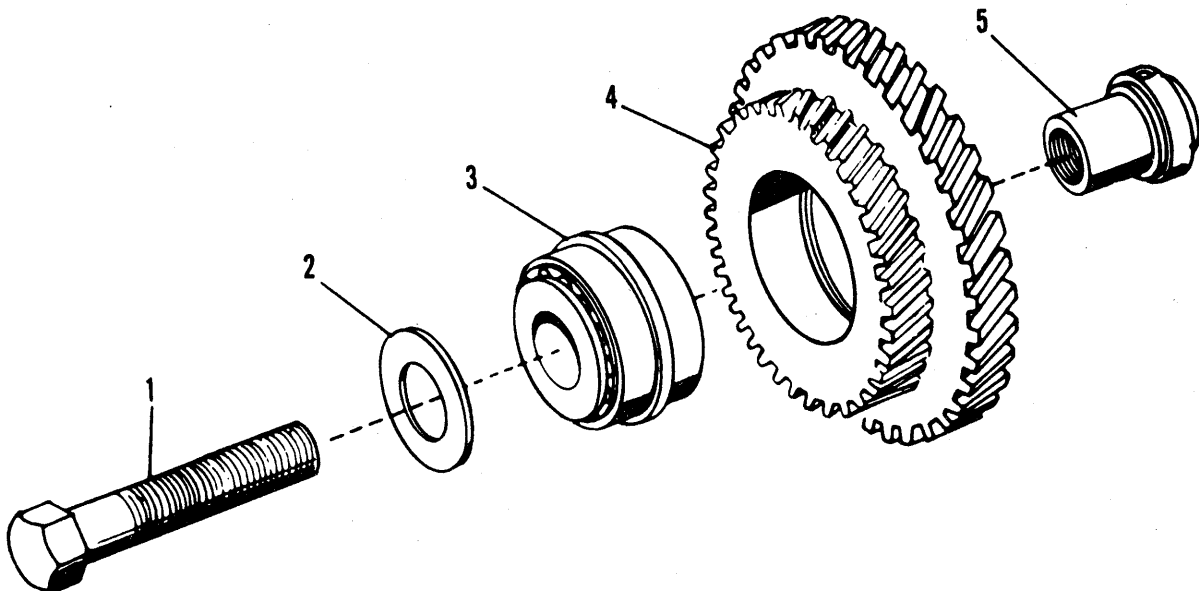
VALVE OPERATING MECHANISM

ITEM	NUMBER	QTY.	DESCRIPTION
1	4007914-7	1	CAMSHAFT
2	4021454-6	1	PLATE, thrust
3	4254864-4	2	BOLT, place
4	4022292-9	1	GEAR, camshaft
	4022430-5	1	KEY
5	4022339-8	1	WASHER
6	0925821-1	1	CAPSCREW, 7/16NC x 4
7	4026699-1	8	LIFTER, valve
8	4020683-1	1	TUBE, oil feed
	0911435-6	2	SLEEVE, 1/4
	0913536-9	1	NUT, inverted flare, 1/4
	0914626-7	1	CONNECTOR, 1/4 x 1/8
	0911437-2	1	NUT, inverted flare, 1/4
9	4020185-7	8	ROD, push
10	4009187-8	1	SHAFT, rocker arm
	0925719-7	2	PIN, cotter, 1/8 x 1/2
11	0212004-6	2	PLUG, shaft, rocker arm
12	4008354-5	1	TUBE, oil drain
	0911435-6	1	SLEEVE, 1/4
	0913536-9	1	NUT, inverted flare, 1/4
13	4025193-6	2	WASHER, spring
14	4025194-4	4	WASHER, spacer
15	4025188-6	8	ARM ASY., rocker (Incl. Item 17)
16	4020143-6	4	BRACKET, rocker arm
	0921967-6	1	CAPSCREW, 3/8NC x 1-1/8
	0919312-9	1	LOCKWASHER, 3/8
17	4513206-5	8	SCREW, adjusting, rocker arm
18	4025191-0	3	SPRING, spacer, rocker arm
19	4035389-8	4	CAPSCREW, cylinder head, long

TIMING GEAR COVER



IDLER GEAR



710C, 714C, 715C TRACTORS  
ENGINE

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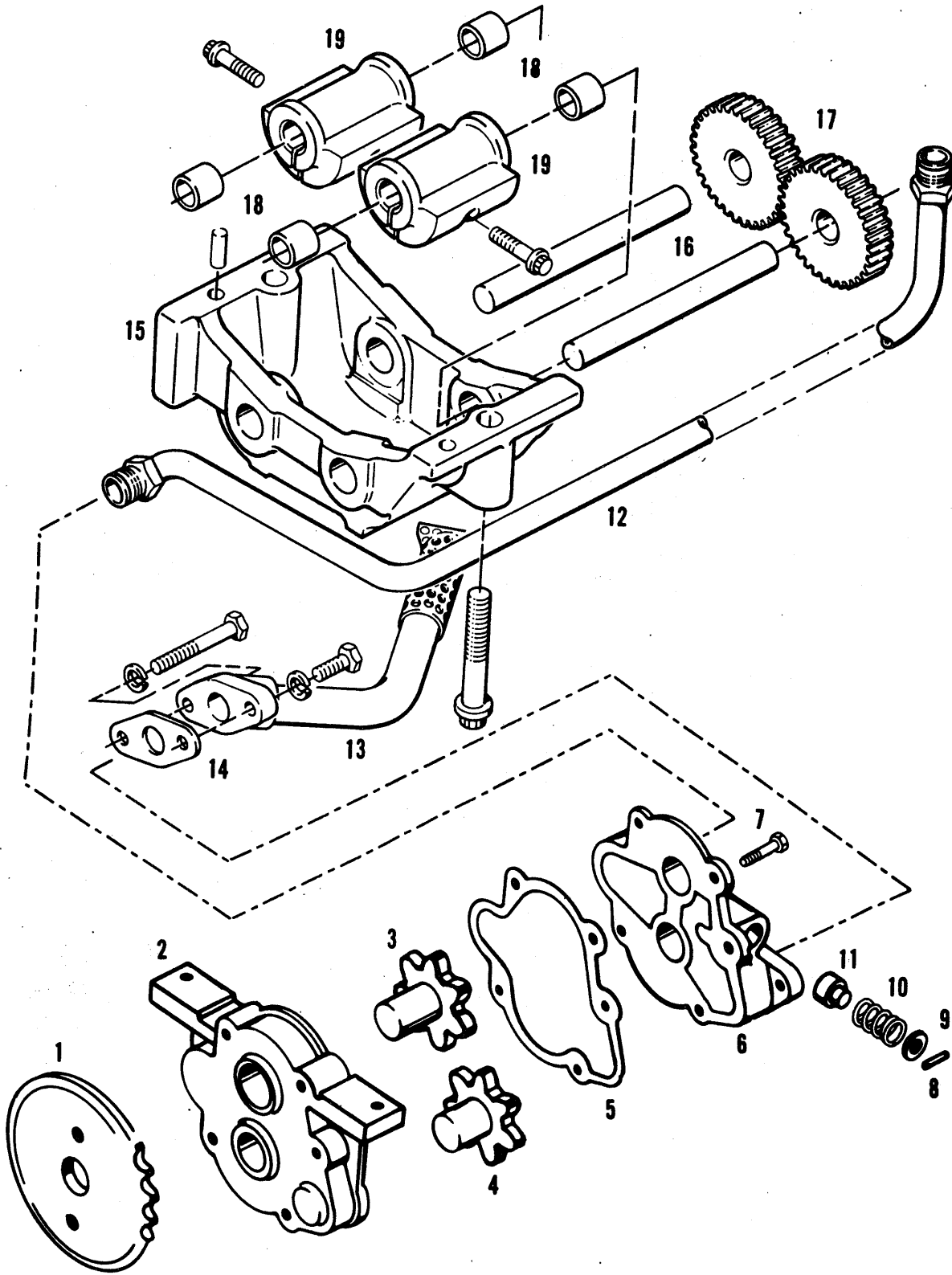
TIMING GEAR COVER

ITEM	NUMBER	QTY.	DESCRIPTION
1	4020098-2	1	GASKET, front plate
2	4008382-6	1	PLATE ASY., front (Incl. Item 8)
	0921210-1	3	CAPSCREW, 3/8NC x1
	0921966-8	2	CAPSCREW, 3/8NC x7/8
	0919312-9	5	LOCKWASHER, 3/8
3	4023587-3	1	GASKET, cover housing
4	4023858-6	1	COVER, timing gear housing
	0921967-6	1	CAPSCREW, 3/8NC x1-1/8
	0922918-8	2	CAPSCREW, 3/8NC x3-1/4
	0921969-2	3	CAPSCREW, 3/8NC x1-1/2
	0919312-9	2	LOCKWASHER, 3/8
	0916956-6	5	WASHER
5	4024581-5	1	SEAL, oil, crankshaft
6	4023857-8	1	PLATE, inspection
	0923325-5	2	CAPSCREW, 5/16NC x7/8
	0921333-1	2	CAPSCREW, 5/16NC x1
	0917356-8	2	LOCKWASHER, 5/16
	0927111-5	1	SCREW, flat hd., 5/16NC x7/8
7	4023859-4	1	GASKET, inspection plate
8	4026460-8	3	STUD
9	0226408-3	1	PLUG, timing
10	0226012-3	1	GASKET
11	4009265-2	1	BRACKET, alternator
12	4007641-6	1	BRACE, alternator adjusting
	0921965-0	1	CAPSCREW, 3/8NC x3/4
	0919312-9	1	LOCKWASHER, 3/8
13	4025079-7	1	COVER, hydraulic drive
	0921210-1	2	CAPSCREW, 3/8NC x1
	0916965-7	2	LOCKWASHER, 3/8
14	4026549-8	1	GASKET, hydraulic drive cover

IDLER GEAR

ITEM	NUMBER	QTY.	DESCRIPTION
1	0924746-1	1	CAPSCREW, 1/2NC x3-1/2, Gr. 6
2	4025461-7	1	WASHER, idler gear
3	4025082-1	1	BEARING ASY., idler gear
4	4022230-9	1	GEAR, idler
5	4007230-8	1	SHAFT, idler gear

LUBRICATING SYSTEM  
OIL PUMP & BALANCER



710C, 714C, 715C TRACTORS  
ENGINE

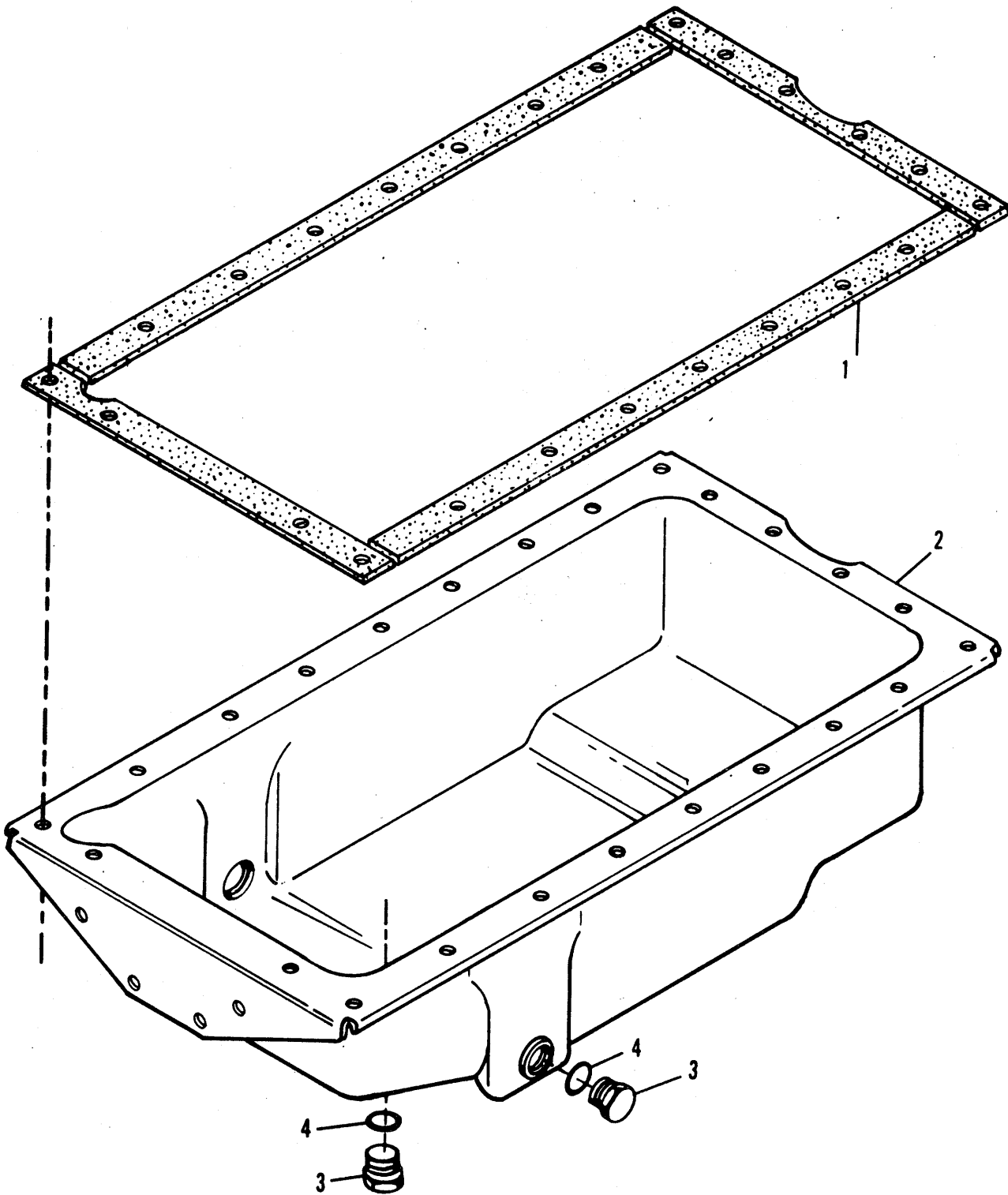
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LUBRICATING SYSTEM  
OIL PUMP & BALANCER

ITEM	NUMBER	QTY.	DESCRIPTION
-	4008219-0	1	PUMP ASY., oil (Incl. Items 1 thru 12)
1	4023622-6	1	GEAR, drive
2	4007177-1	1	HOUSING ASY.
	0921967-6	2	CAPSCREW, 3/8NC x 1-1/8
	0919312-9	2	LOCKWASHER, 3/8
3	4008217-4	1	SHAFT & GEAR ASY., driver
	4023754-7	1	SHAFT, drive
	4008057-4	1	GEAR
4	4008218-2	1	SHAFT & GEAR ASY., driven
	4026615-7	1	SHAFT, driven
	4008057-4	1	GEAR
5	4024001-2	1	GASKET
6	4023972-5	1	COVER, oil pump
7	0921333-1	4	CAPSCREW, 5/16NC x 1, Gr. 5
8	0923507-8	1	PIN, spring
9	0918264-3	1	WASHER
10	4028888-8	1	SPRING, oil relief valve
11	4354571-4	1	PISTON, oil relief valve
12	4007829-7	1	TUBE ASY., pressure
13	4008280-2	1	TUBE ASY., suction
	0923133-3	3	CAPSCREW, 5/16NC x 1, Gr. 5
	0923141-6	1	CAPSCREW, 5/16NC x 2-3/4, Gr. 5
	0919311-1	4	LOCKWASHER, 5/16
14	4023459-3	1	GASKET
15	4008740-5	1	HOUSING ASY., balancer
	0933284-2	2	CAPSCREW, 5/8NC x 3-1/2, 12 pt.
	0917547-2	2	PIN, dowel, 3/8 x 1-1/2
16	4007861-0	2	SHAFT
17	4007862-8	2	GEAR
18	0234692-2	4	BEARING, needle
19	4009238-9	2	WEIGHT
	0933274-3	2	CAPSCREW, 3/8NF x 1-1/2, 12 pt.
-	4008917-9	1	SHIM KIT, balancer (Incl. SHIMS & INSTRUC. SHEET)



LUBRICATING SYSTEM  
OIL PAN



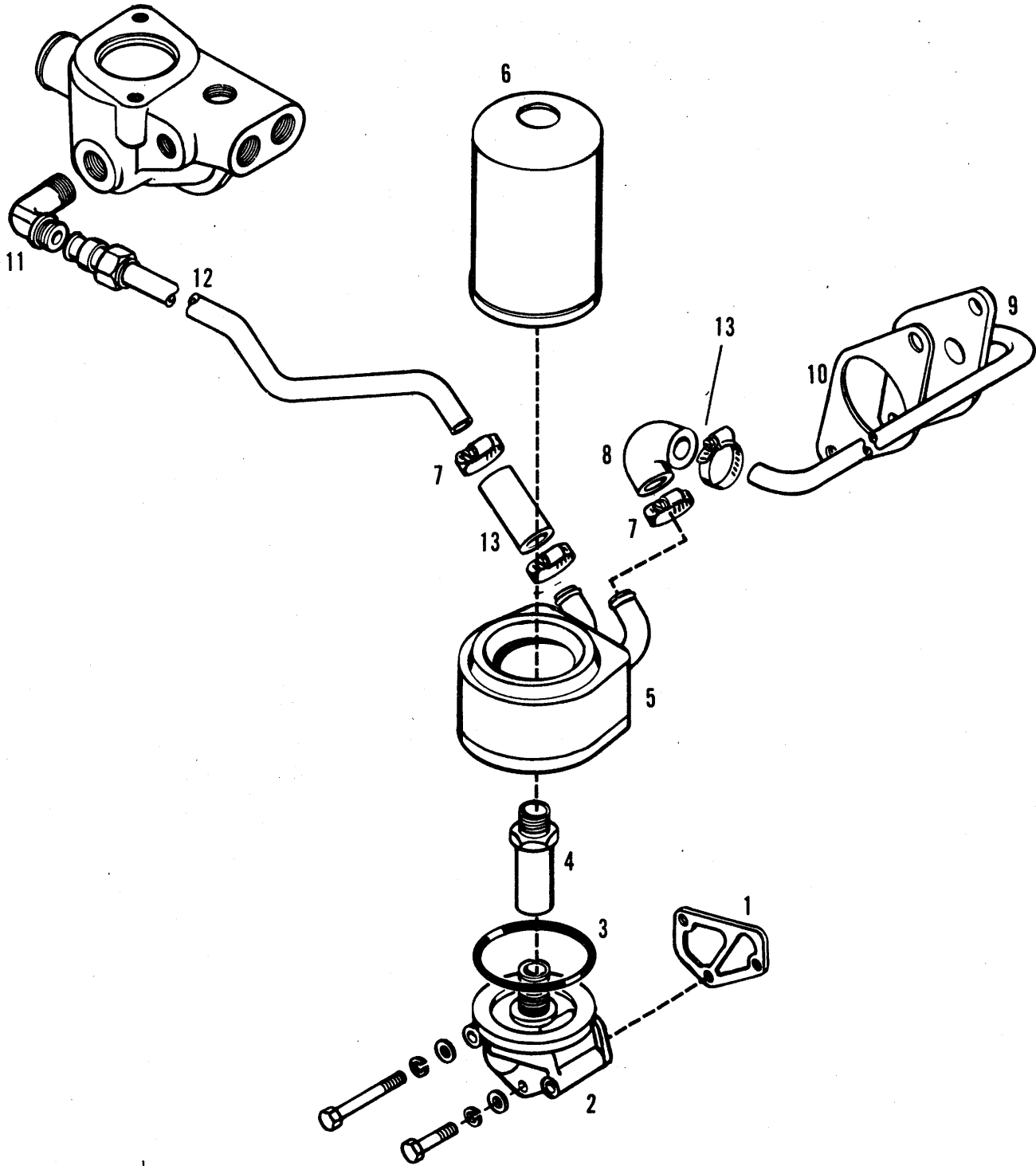
710C, 714C, 715C TRACTORS  
ENGINE

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LUBRICATING SYSTEM  
OIL PAN

ITEM	NUMBER	QTY.	DESCRIPTION
1	4021021-3	1	GASKET SET, oil pan
2	4007830-5	1	PAN, oil
	0921977-5	6	CAPSCREW, 5/16NC x 1-1/4, Gr. 5
	0921332-3	4	CAPSCREW, 5/16NC x 3/4, Gr. 5
	0923325-5	16	CAPSCREW, 5/16NC x 1-1/8
	0917356-8	28	LOCKWASHER, 5/16
3	0921204-4	2	PLUG, 3/4 tube x 1-1/16 (Incl. O-RING)
4	0921206-9	2	O-RING

LUBRICATING SYSTEM  
OIL COOLER & FILTER



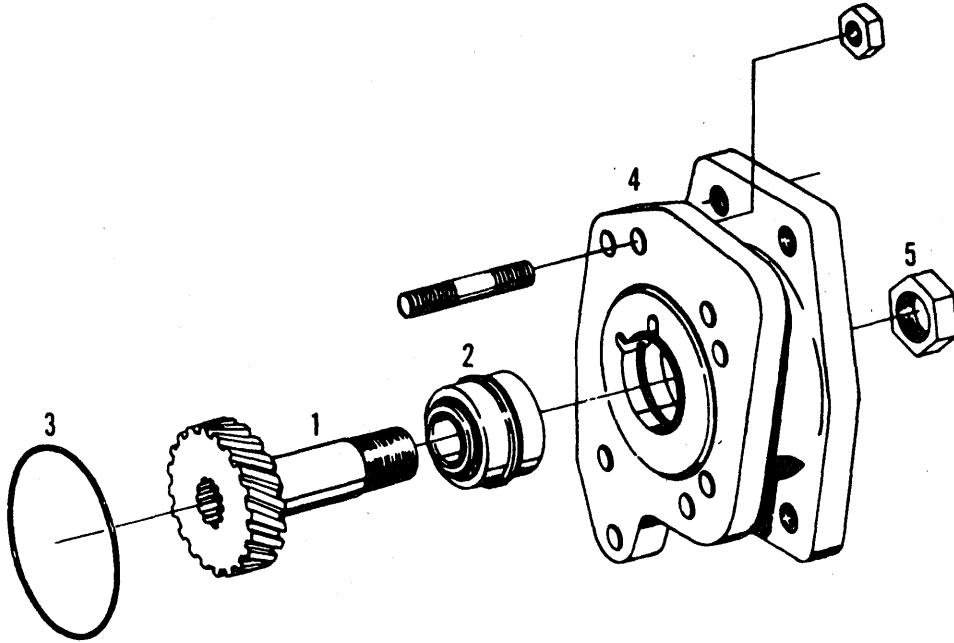
710C, 714C, 715C TRACTORS  
ENGINE

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LUBRICATING SYSTEM  
OIL COOLER & FILTER

ITEM	NUMBER	QTY.	DESCRIPTION
1	4025120-9	1	GASKET, base
2	4025119-1	1	BASE, oil filter
	0924891-5	2	CAPSCREW, 7/16NC x3-1/4
	0920677-2	1	CAPSCREW, 7/16NC x1-1/4
	0914678-8	1	LOCKWASHER, 7/16
	0914498-1	2	WASHER, 3/4 x 15/32 x No. 20
3	0936283-1	1	GASKET, oil cooler
4	4007935-2	1	ADAPTER, oil cooler
5	4007934-5	1	COOLER ASY., oil (Incl. Item 3)
6	4027979-6	1	ELEMENT, oil filter
7	0921911-4	4	CLAMP, hose
8	4007937-8	1	ELBOW, hose
9	4007936-0	1	TUBE ASY. (oil cooler to block)
	0920676-4	2	CAPSCREW, 7/16NC x1
	0914678-8	2	LOCKWASHER, 7/16
10	4007956-8	1	GASKET
11	0924071-4	1	ELBOW, 90° x 5/8 tube x 1/2
12	4007940-2	1	TUBE ASY. (oil cooler thermostat hsg.) (Incl. SLEEVE & NUT)
	0919537-1	1	SLEEVE
	0919539-7	1	NUT
13	4372378-2	1	HOSE

HYDRAULIC PUMP DRIVE



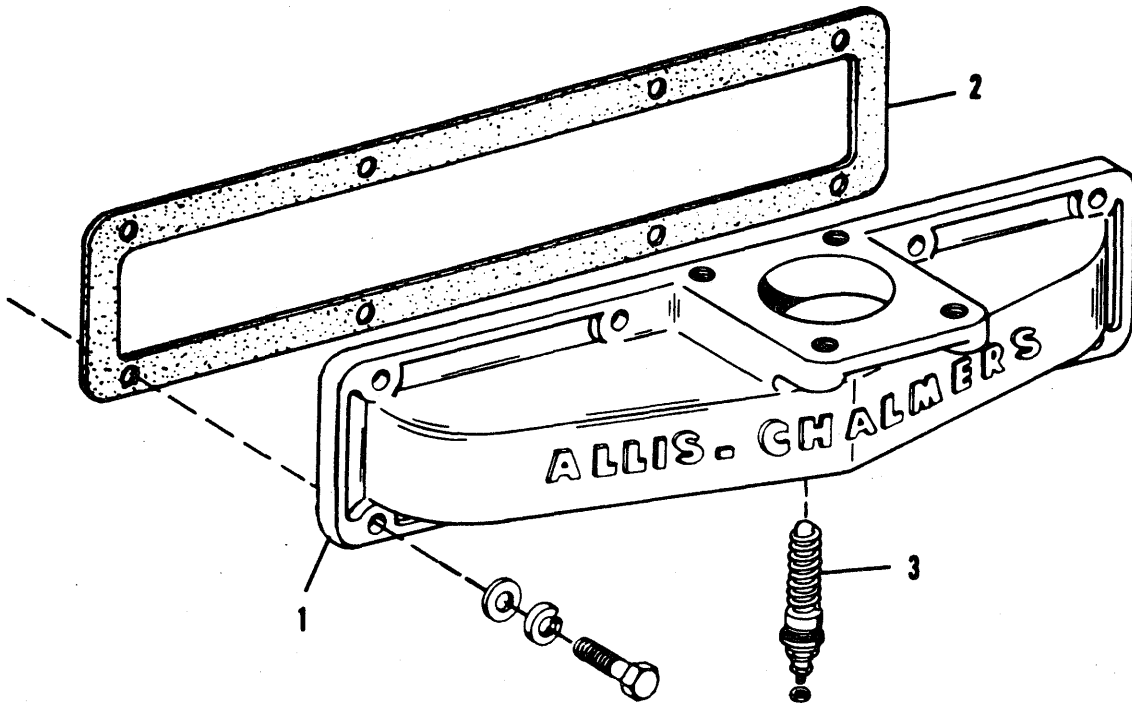
710C, 714C, 715C TRACTORS  
ENGINE

HYDRAULIC PUMP DRIVE

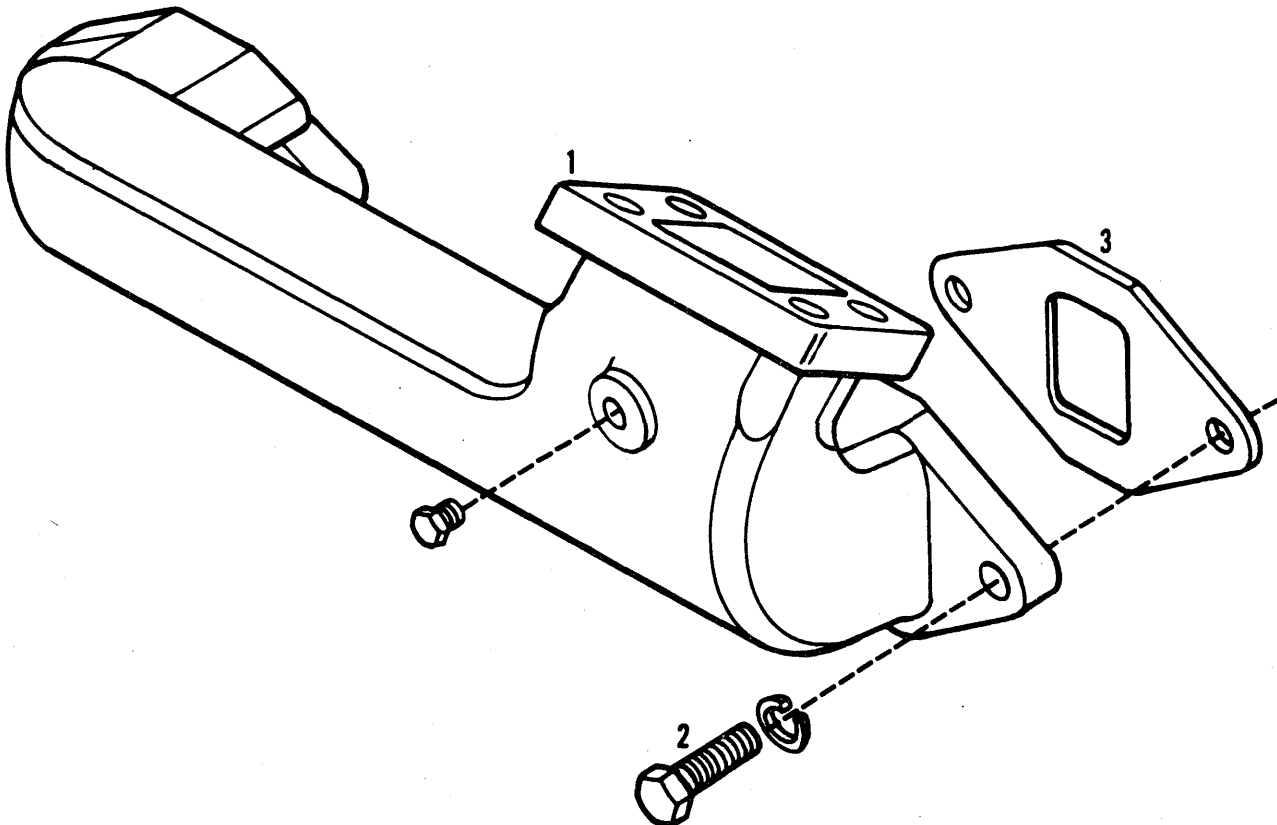
ITEM	NUMBER	QTY.	DESCRIPTION
1	4023818-0	1	GEAR, drive, hydraulic pump
2	4357289-0	1	BEARING
3	0930258-9	1	O-RING
4	4036305-3	1	HOUSING, hydraulic pump drive
	0923114-3	2	CAPSCREW, 1/2NF x 1-1/2
	0923291-9	2	LOCKWASHER, 1/2
	4330051-8	4	STUD
	0916602-8	4	NUT, 3/8NF
5	4023052-6	1	NUT, shaft retainer

710C, 714C, 715C TRACTORS  
AIR INTAKE & EXHAUST SYSTEM

MANIFOLD  
INTAKE



MANIFOLD  
EXHAUST



710C, 714C, 715C TRACTORS  
AIR INTAKE & EXHAUST SYSTEM

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MANIFOLD  
INTAKE

ITEM	NUMBER	QTY.	DESCRIPTION
1	4007832-1	1	MANIFOLD, intake
	0919134-7	1	PLUG, pipe, 1/8NPT (w/o ether start)
	0914392-6	8	CAPSCREW, 5/16NC x 1
	0930875-0	8	WASHER, hardened, 5/8 x 11/32 x 1/18
	4020880-3	1	PLUG
	4024554-0	1	GASKET
2	4021339-9	1	GASKET, manifold
3	4516760-8	1	ELEMENT, heater
	4020880-3	1	PLUG
	4024554-0	1	GASKET, heater element
	0919134-7	1	PLUP, pipe, 1/8NPT

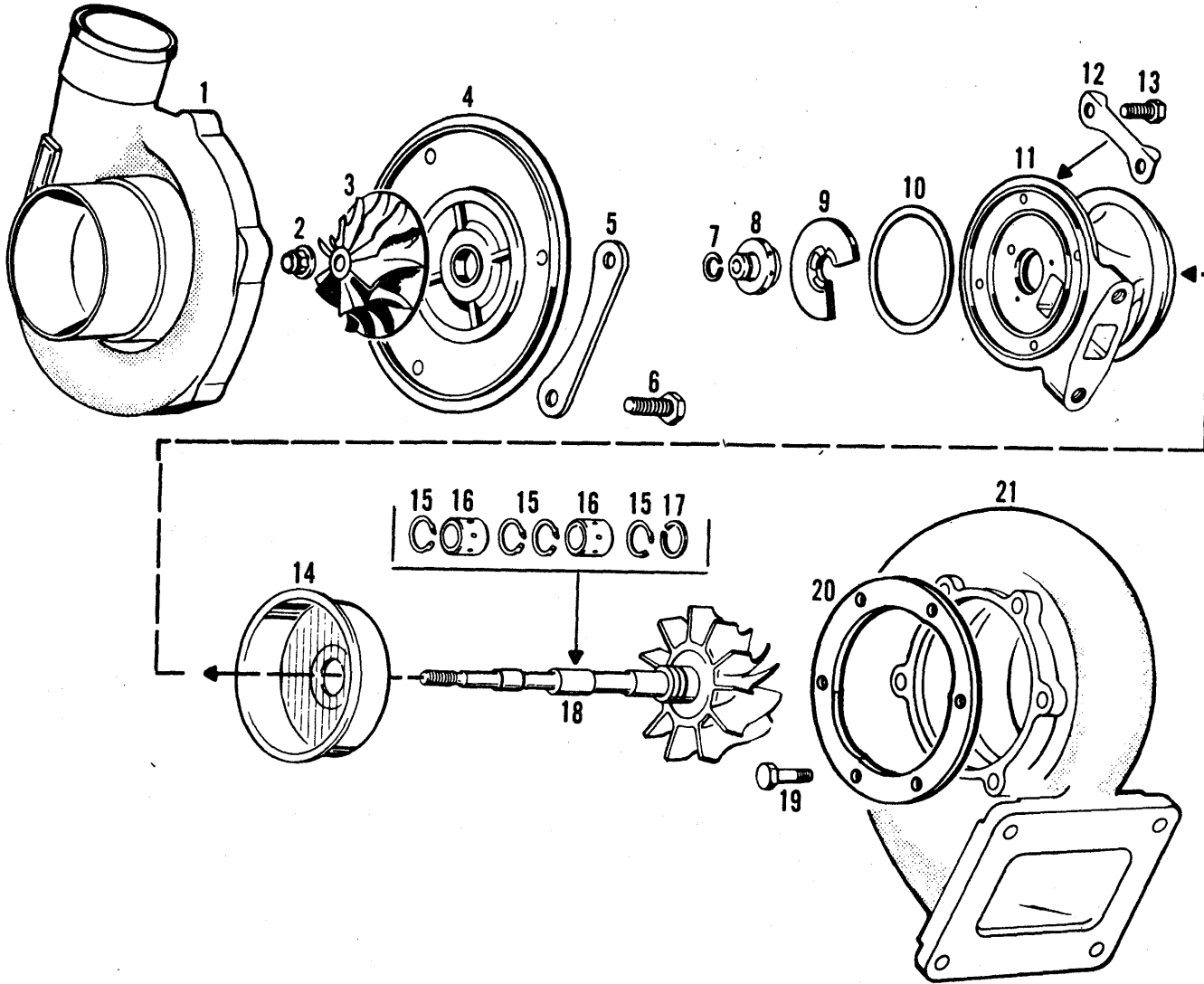
MANIFOLD  
EXHAUST

ITEM	NUMBER	QTY.	DESCRIPTION
1	4009026-8	1	MANIFOLD, exhaust
	0919840-9	1	PLUG, pipe, 1/4
2	4021803-4	4	CAPSCREW, 7/16NC x 1-3/8
	0914678-8	4	LOCKWASHER, 7/16
3	4020090-9	2	GASKET, exhaust manifold



710C, 714C, 715C TRACTORS  
AIR INTAKE & EXHAUST SYSTEM

TURBOCHARGER



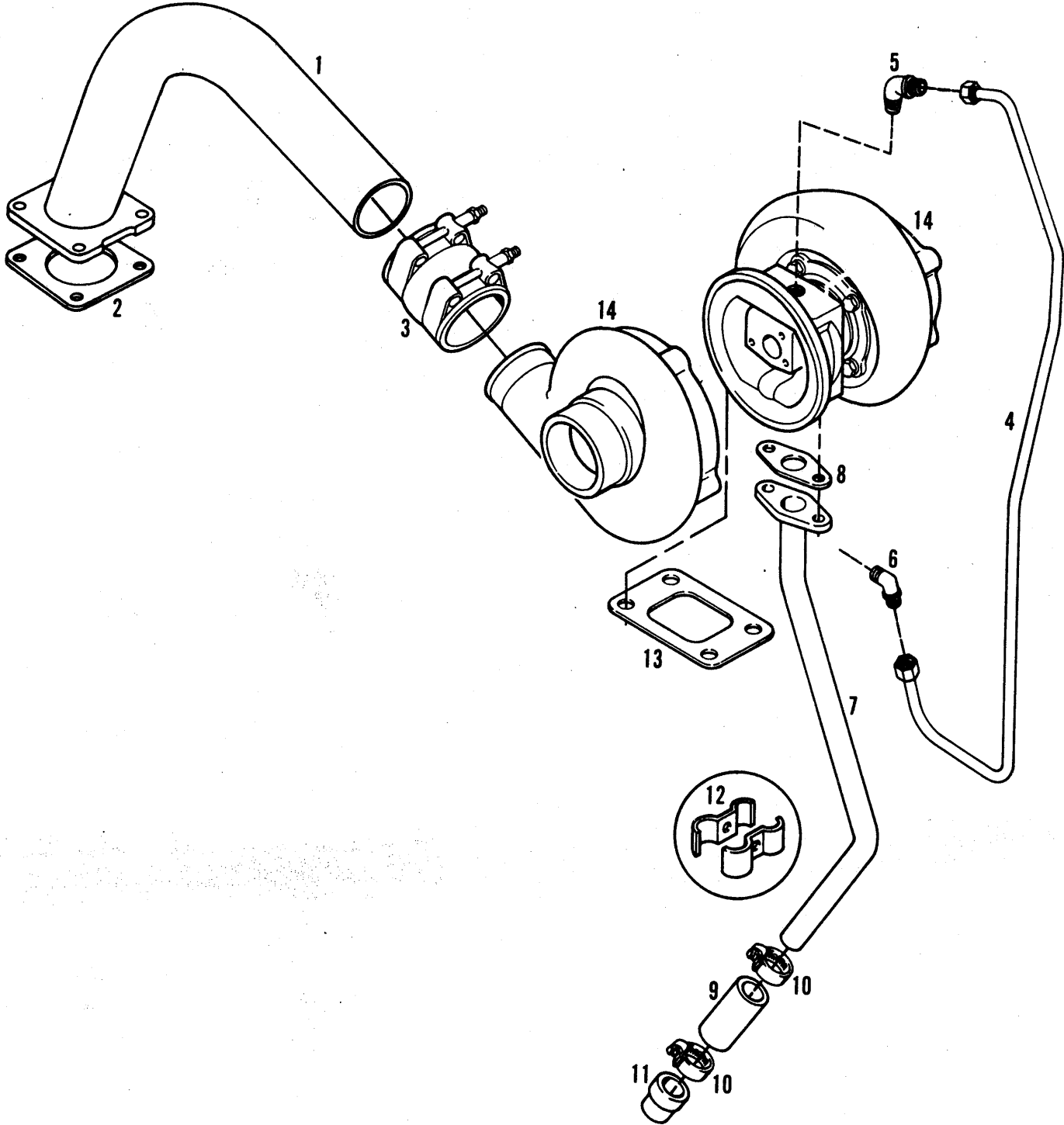
710C, 714C, 715C TRACTORS  
AIR INTAKE & EXHAUST SYSTEM

TURBOCHARGER

ITEM	NUMBER	QTY.	DESCRIPTION
-	4062759-8	1	TURBOCHARGER (Remanufactured)
-	4008891-6	1	TURBOCHARGER KIT (Incl. Items 1 thru 21)
	0921969-2	4	CAPSCREW, 3/8NC x1-1/2
	0900367-4	4	NUT, 3/8NC
1	-----	1	HOUSING, compressor (Not serviced)
2	-----	1	NUT, lock (Order CENTER HSG. & ROT. ASY. KIT)
3	-----	1	WHEEL, compressor
4	-----	1	BACKPLATE
5	-----	3	CLAMP (Order COMP. HSG. BOLT & CLAMP KIT)
6	-----	6	BOLT, M8 x 1.25 x .39" long (Order COMP. HSG. BOLT & CLAMP KIT)
7	-----	1	RING, piston (Order CENTER HSG. & ROT. ASY. KIT)
8	-----	1	COLLAR, thrust (Order THRUST COLLAR KIT)
9	-----	1	BEARING, thrust (Order THRUST COLLAR KIT)
10	-----	1	RING, sealing (Order CENTER HSG. & ROT. ASY. KIT)
11	-----	1	HOUSING, center
12	-----	2	LOCKPLATE
13	-----	4	BOLT, M6 x 1 x .55" long (Order CENTER HSG. & ROT. ASY. KIT)
14	-----	1	SHROUD
15	-----	4	RING, retaining (Order CENTER HSG. & ROT. ASY. KIT)
16	-----	2	BEARING (Order JOURNAL BEARING KIT)
17	-----	1	RING, piston (Order CENTER HSG. & ROT. ASY. KIT)
18	-----	1	WHEEL ASY., turbine
19	-----	6	BOLT, M8 x 1.25 x .63" long (Order TURBO HSG. BOLT & CLAMP KIT)
20	-----	1	RING, clamp
21	-----	1	HOUSING, turbine
-	4062799-4	1	COMP. HSG. BOLT & CLAMP KIT (Incl. Items 5 & 6)
-	4062800-0	1	TURBO HSG. BOLT & CLAMP KIT (Incl. Item 19)
-	4062789-5	1	THRUST COLLAR KIT (Incl. Items 8 & 9)
-	4062801-8	1	JOURNAL BEARING KIT (Incl. Item 16)
-	4062802-6	1	CENTER HSG. & ROT. ASY. KIT (Incl. Items 2, 7, 10, 13, 15 & 17)

710C, 714C, 715C TRACTORS  
AIR INTAKE & EXHAUST SYSTEM

TURBOCHARGER  
LINES



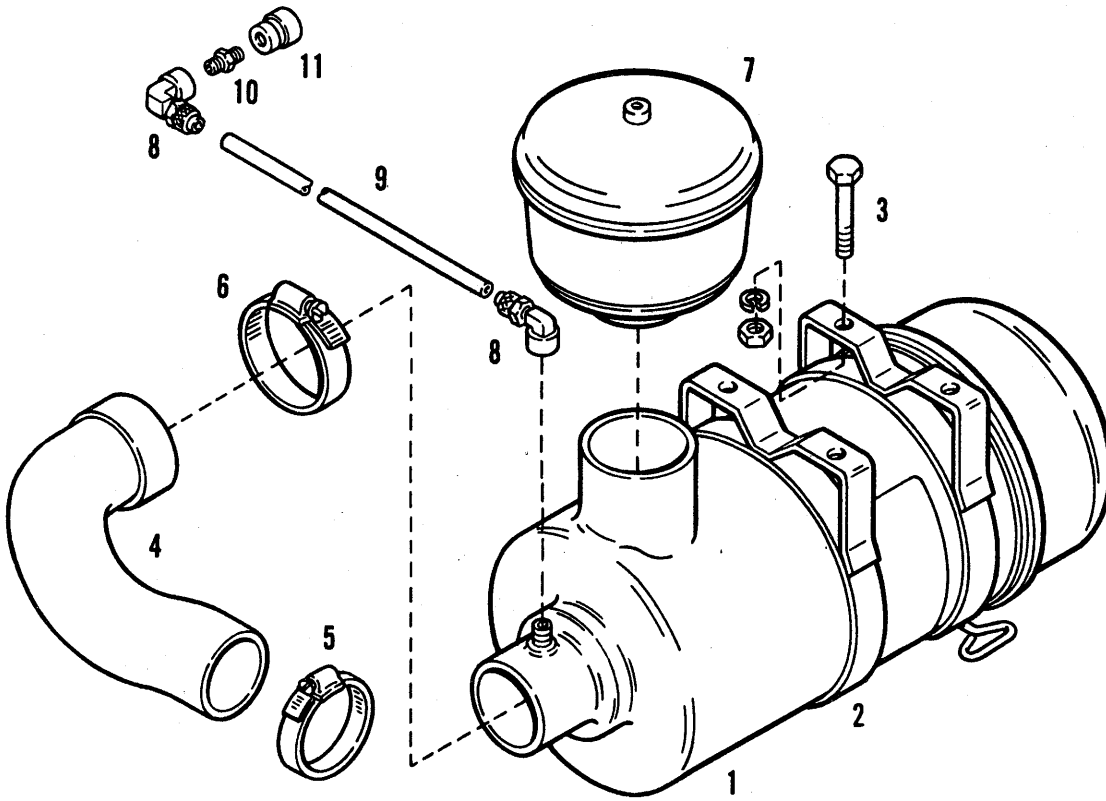
710C, 714C, 715C TRACTORS  
AIR INTAKE & EXHAUST SYSTEM

TURBOCHARGER  
LINES

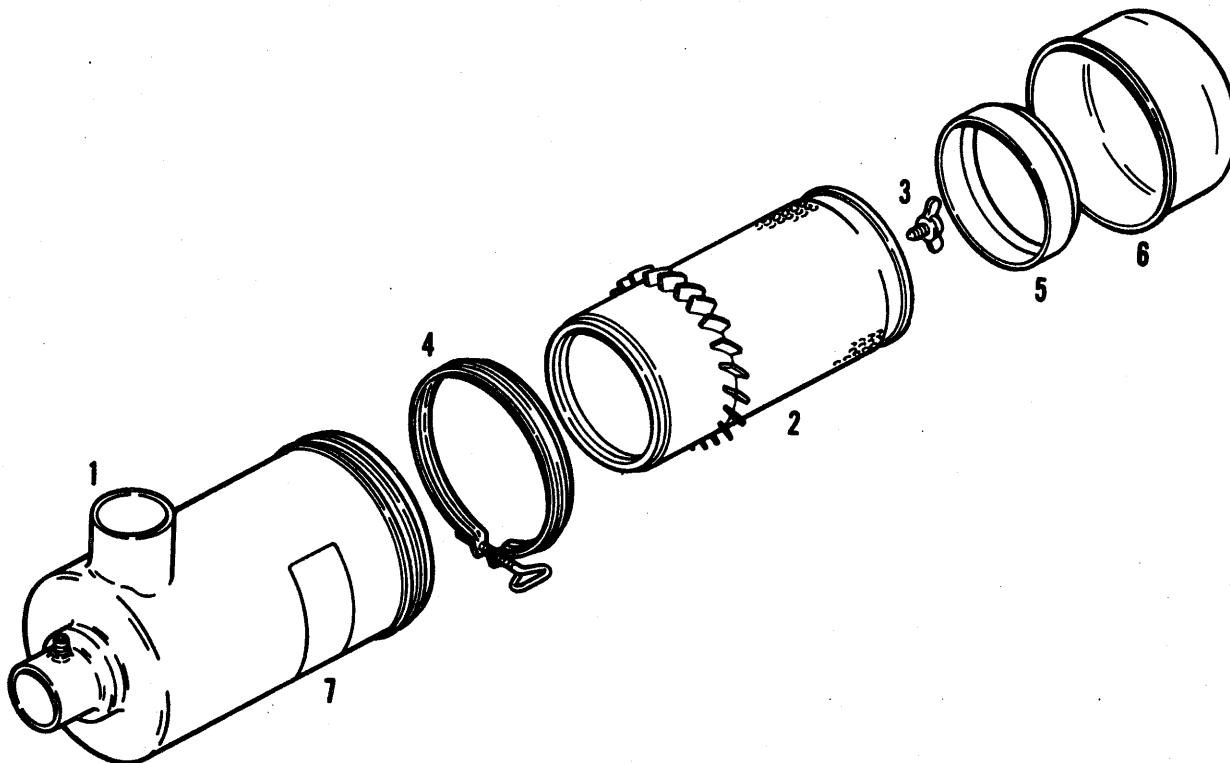
ITEM	NUMBER	QTY.	DESCRIPTION
1	4009138-1	1	TUBE ASY., air outlet
	0923325-5	4	CAPSCREW, 5/16NC x7/8
	0919311-1	4	LOCKWASHER, 5/16
2	4008569-8	1	GASKET, air heater housing
3	4027975-4	1	HOSE, turbocharger
	0927140-4	2	CLAMP, hose, 2-1/8" to 2-7/16"
4	4009227-2	1	TUBE ASY., oil feed
	4255983-1	2	SLEEVE, 3/8 tube
	0917810-4	2	NUT, 3/8 tube
5	0920280-5	1	ELBOW, 90°, 3/8 tube
6	0920790-3	1	ELBOW, 90°, 3/8 tube x 1/8
7	4009356-9	1	TUBE ASY., oil drain
	0950018-2	2	CAPSCREW, M8 x 1.25 x 20
	0919311-1	2	LOCKWASHER, 5/16
8	4008041-8	1	GASKET, oil drain
9	4036545-4	1	HOSE, drain
10	0922660-6	2	CLAMP, hose
11	4009350-2	1	ADAPTER, oil drain (Use w/1-4009366 Inst. Sheet)
12	4029238-5	2	CLAMP, feed & drain tubing
	0921958-5	1	CAPSCREW, 1/4NC x 1/2
	0916964-0	1	LOCKWASHER, 1/4
	0916622-4	1	NUT, 1/4NC
13	4007850-3	1	GASKET, turbocharger mounting
14	4008891-6	1	TURBOCHARGER KIT (Refer to TURBOCHARGER group for components)

710C, 714C, 715C TRACTORS  
AIR INTAKE & EXHAUST SYSTEM

AIR CLEANER GROUP



AIR CLEANER ASY.



**710C, 714C, 715C TRACTORS  
AIR INTAKE & EXHAUST SYSTEM**

**AIR CLEANER GROUP**

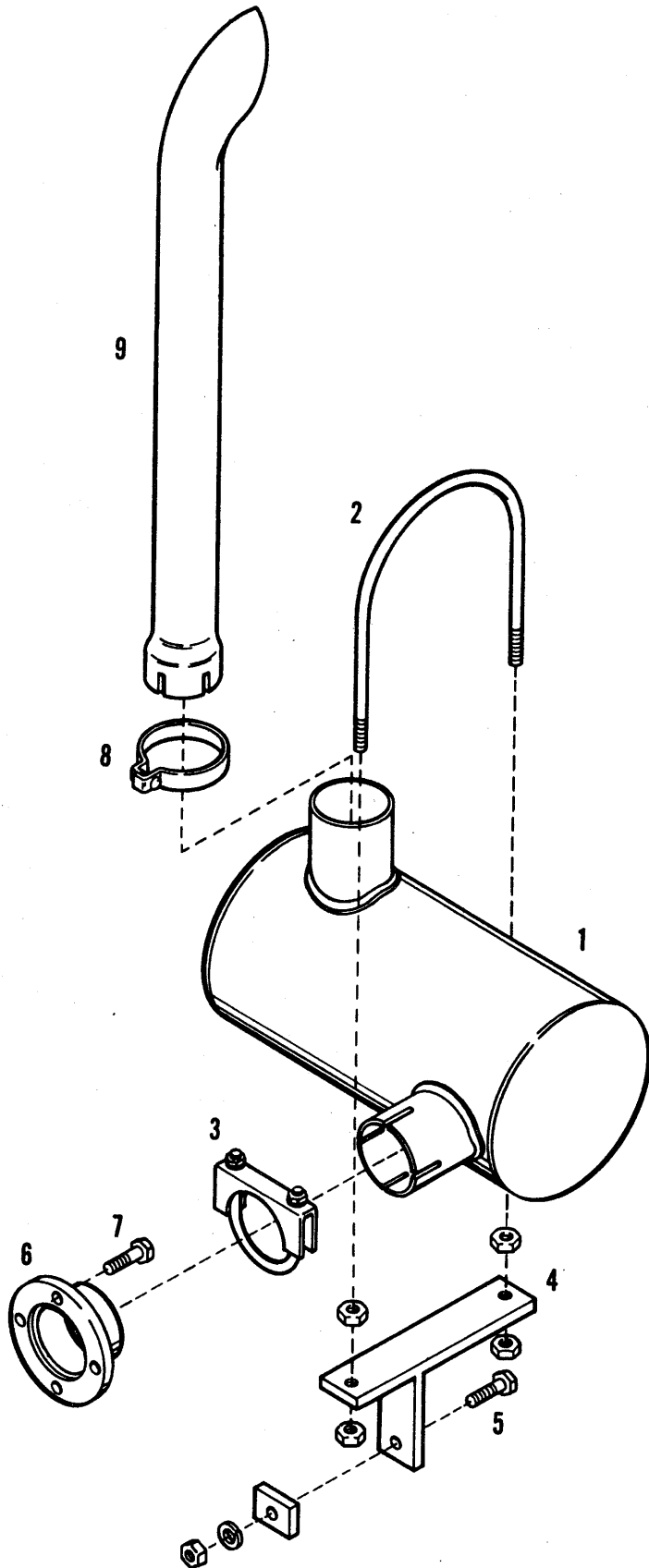
ITEM	NUMBER	QTY.	DESCRIPTION
1	1022526-6	1	AIR CLEANER (For finer dirt) (Refer to AIR CLEANER ASY. for components)
2	1004422-0	2	BAND ASY.
3	0921332-3	4	CAPSCREW, 5/16NC x3/4
	0917356-8	4	LOCKWASHER, 5/16
	0918266-8	2	WASHER
	0917372-5	4	NUT, 5/16NC
4	1022755-1	1	HOSE, air intake
5	0921914-8	1	CLAMP, hose (bottom)
6	0921915-5	1	CLAMP, hose (top)
7	1022766-8	1	CAP, pre-cleaner
	1125804-3	1	BOWL, plastic
8	1022946-6	1	ELBOW, 90°
9	1023231-2	1	TUBE (2 ft. long)
10	0241056-1	1	NIPPLE ASY
11	4021600-4	1	INDICATOR ASY.

**AIR CLEANER ASY.**

ITEM	NUMBER	QTY.	DESCRIPTION
—	1022526-6	1	AIR CLEANER ASY.
1	-----	1	BODY ASY. (Not serviced)
2	1023180-1	1	ELEMENT ASY.
3	0239517-6	1	BOLT ASY.
4	1004653-C	1	CLAMP ASY.
5	0638416-8	1	BAFFLE
6	4059256-0	1	CUP ASY.
7	-----	1	MARKING (Not serviced)
8	-----	1	CAP ASY. (Not serviced) (Not illustrated)

710C, 714C, 715C TRACTORS  
AIR INTAKE & EXHAUST SYSTEM

MUFFLER



710C, 714C, 715C TRACTORS  
AIR INTAKE & EXHAUST SYSTEM

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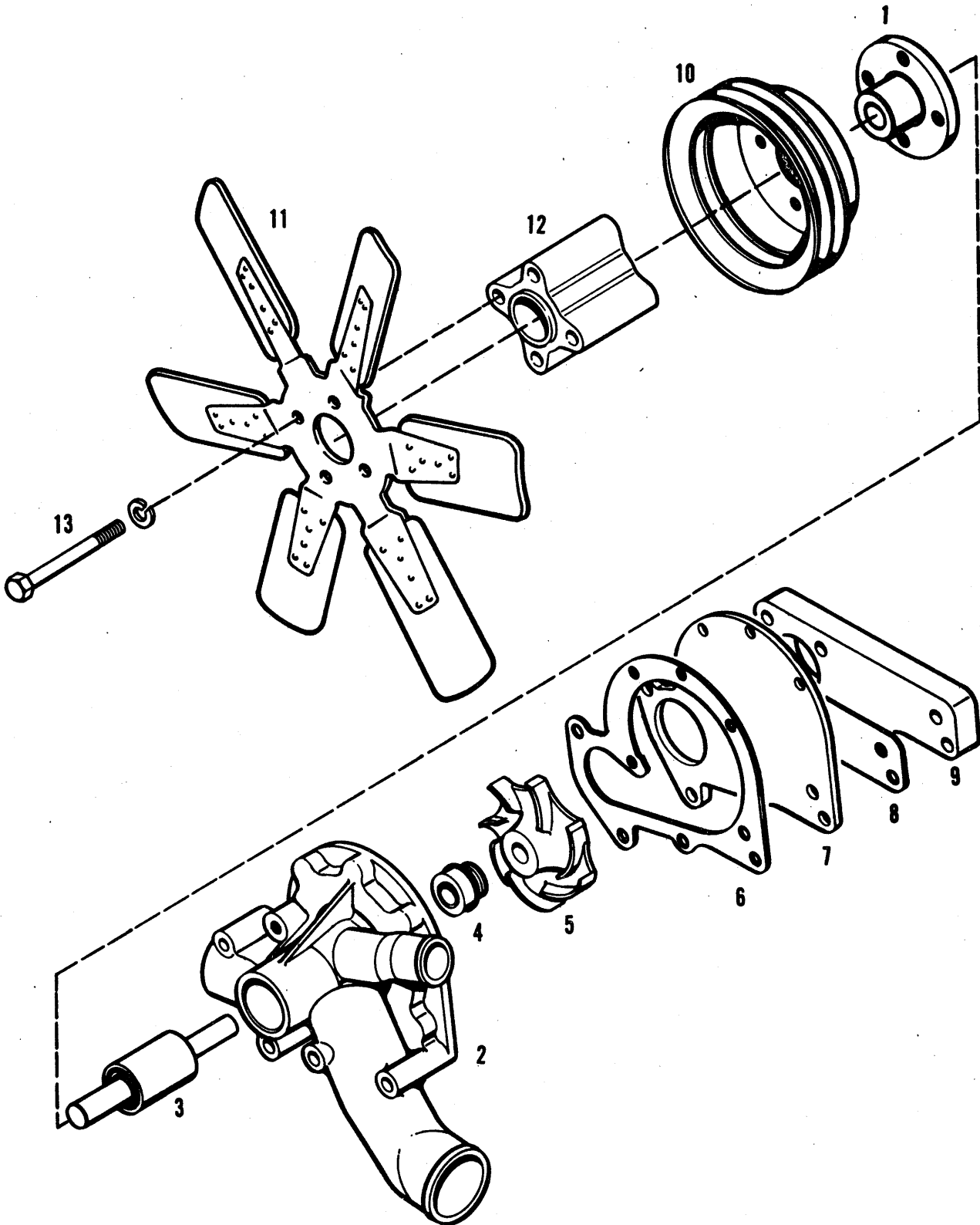
MUFFLER

ITEM	NUMBER	QTY.	DESCRIPTION
1	1022601-7	1	MUFFLER
2	1022025-9	1	U-BOLT
	0916950-9	4	NUT, 3/8NC
3	0930983-2	1	CLAMP, muffler
4	1022483-0	1	BRACKET ASY., muffler
5	0916272-8	1	CAPSCREW, 3/8NC x 1-1/4
	1022667-8	1	WASHER
	0916964-0	1	LOCKWASHER, 3/8
	0916950-9	1	NUT, 3/8NC
6	1022557-1	1	FLANGE, exhaust
7	0950018-2	4	CAPSCREW, M8-1.25 x 20
8	0252467-6	1	CLAMP
9	1023384-9	1	EXTENSION, exhaust



710C, 714C, 715C TRACTORS  
COOLING SYSTEM

WATER PUMP

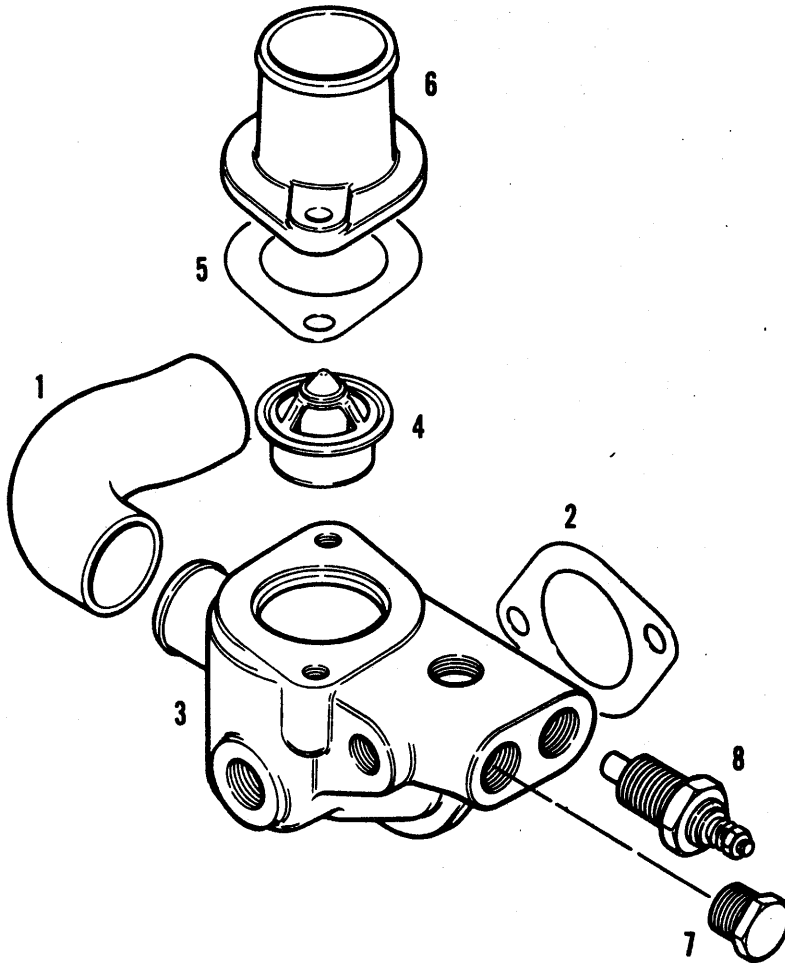


710C, 714C, 715C TRACTORS  
COOLING SYSTEM

WATER PUMP

ITEM	NUMBER	QTY.	DESCRIPTION
-	4009278-5	1	PUMPKIT, water (Incl. Items 1 thru 9)
-	4008786-8	1	PUMPKIT, repair (Incl. Items 3 thru 6, & 8)
1	4035849-1	1	HUB, pulley (Not serviced; order PUMPKIT)
2	-----	1	BODY, pump (Not serviced; order PUMPKIT)
	0922648-1	2	CAPSCREW, 3/8NC x 4
	0921324-0	1	CAPSCREW, 3/8NC x 3-1/4
	0915990-6	1	CAPSCREW, 3/8NC x 3-1/4
	0919312-9	4	LOCKWASHER, 3/8
	0920416-5	1	PLUG, 1/2NPT
3	4029319-3	1	SHAFT & BEARING ASY.
4	4008790-0	1	SEAL, unitized
5	4007236-5	1	IMPELLER
6	4023015-3	1	GASKET
7	4009386-6	1	PLATE
	0923864-3	1	O-RING
8	4023014-6	2	GASKET
9	4007928-1	1	SPACER
	0921332-3	3	SCREW, flat head, 5/16NC x 3/4
	0917356-8	3	LOCKWASHER
	0922405-6	2	SCREW, 5/16NC x 1, 12 pt.
10	4025058-1	1	PULLEY, water pump
	0921965-0	4	CAPSCREW, 3/8NC x 3/4
	0919312-9	4	LOCKWASHER, 3/8
11	1022461-6	1	BLADE, fan
12	1022486-3	1	SPACER
13	0922484-1	4	CAPSCREW, 3/8NF x 2-1/2
	0916965-7	4	LOCKWASHER, 3/8

THERMOSTAT



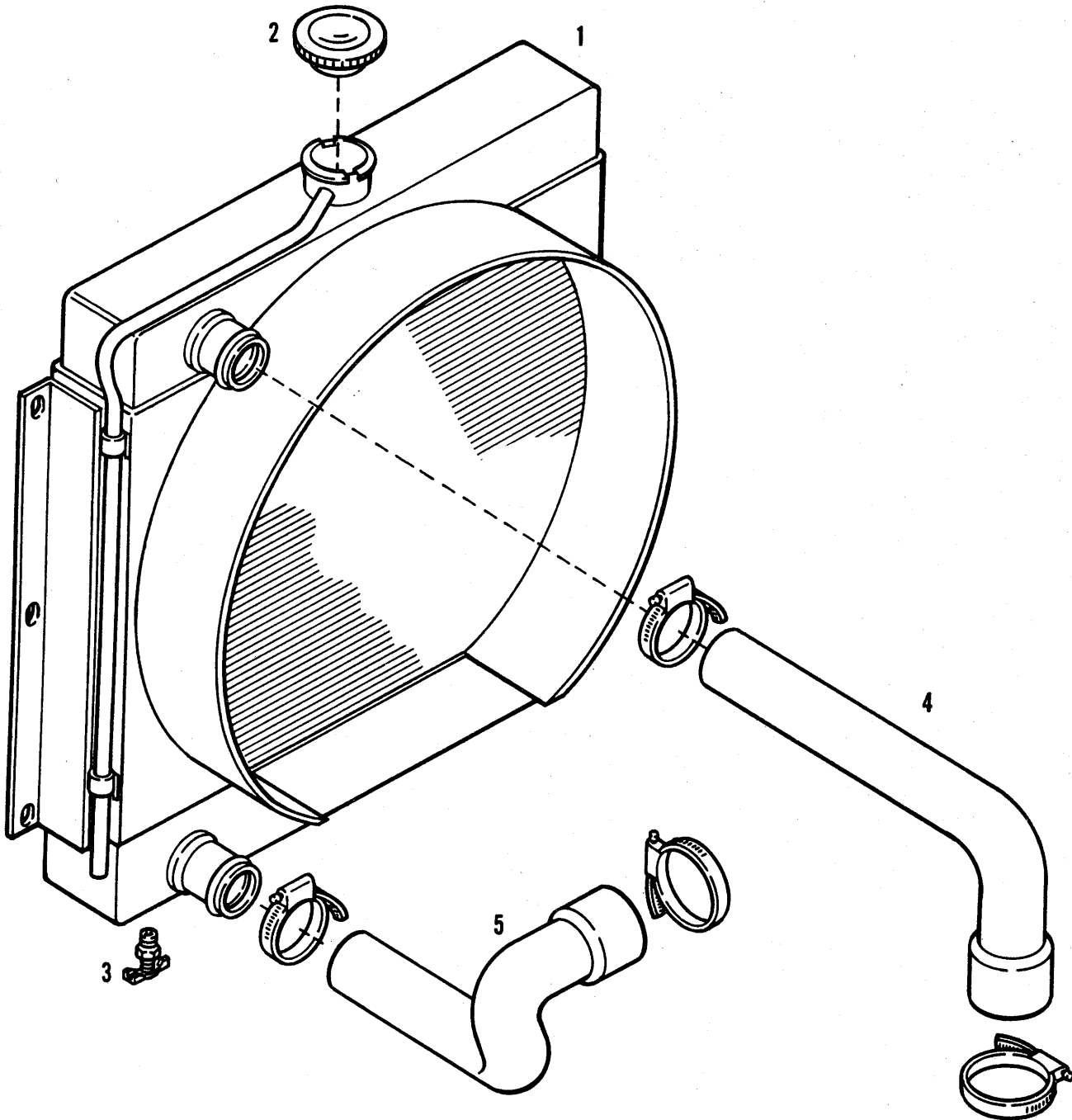
710C, 714C, 715C TRACTORS  
COOLING SYSTEM

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THERMOSTAT

ITEM	NUMBER	QTY.	DESCRIPTION
1	4022699-5	1	ELBOW, bypass
	0921912-2	2	CLAMP, hose, 1-1/16 to 2
2	4025101-9	2	GASKET, housing, thermostat
3	4035329-4	1	HOUSING, thermostat
	0919228-7	2	CAPSCREW, 7/16NC x 1-1/8, Gr. 5
	0914678-8	2	WASHER, 7/16
	0920333-2	1	PLUG, pipe, 3/8NPT
4	4025103-5	1	THERMOSTAT
5	4025101-9	1	GASKET, flange
6	4008129-1	1	FLANGE, water outlet
	0920677-2	2	CAPSCREW, 7/16NC x 1-1/4, Gr. 5
	0918199-1	2	LOCKWASHER, 7/16
	0924868-3	2	WASHER, plain, 3/4 x 15/32 x 20 Ga.
7	0920416-5	1	PLUG, pipe, 1/2NPT
8	4760149-7	1	SENDER, water temperature
	0906938-6	1	WASHER
	0917365-9	1	LOCKWASHER
	0916880-6	1	NUT

RADIATOR



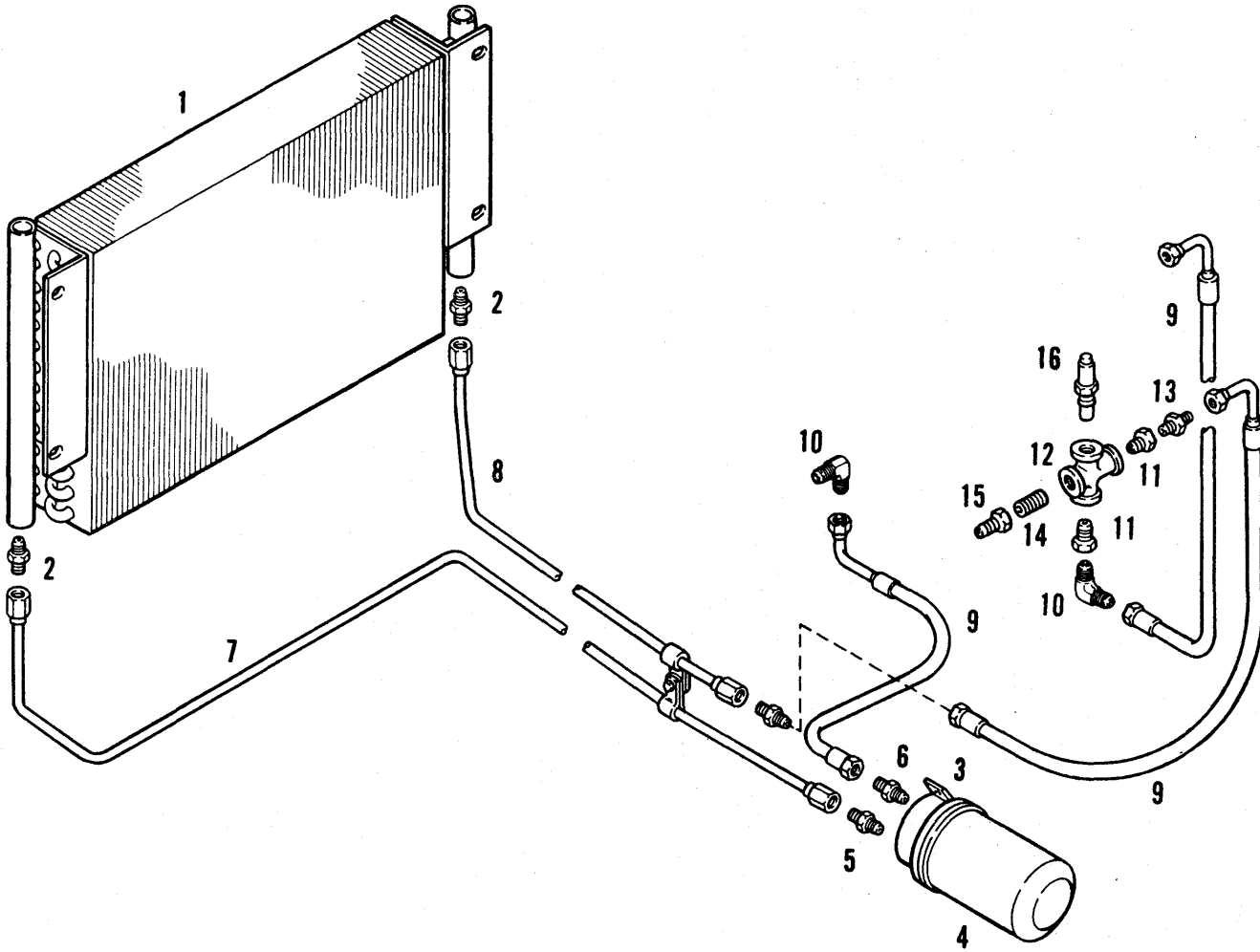
710C, 714C, 715C TRACTORS  
COOLING SYSTEM

RADIATOR

ITEM	NUMBER	QTY.	DESCRIPTION
1	1021464-1	1	RADIATOR
	0921210-1	4	CAPSCREW
	0918266-8	4	WASHER
	0916965-7	4	LOCKWASHER
	0916950-9	4	NUT
2	0254891-5	1	CAP, radiator
3	0912415-7	1	COCK, drain
4	1300361-1	1	HOSE, radiator, top
	0925758-5	1	CLAMP, hose
	0925881-5	1	CLAMP, hose
5	1022660-3	1	HOSE, radiator, bottom
	0925758-5	1	CLAMP, hose
	0925881-5	1	CLAMP, hose

710C, 714C, 715C TRACTORS  
COOLING SYSTEM

OIL COOLER & FILTER



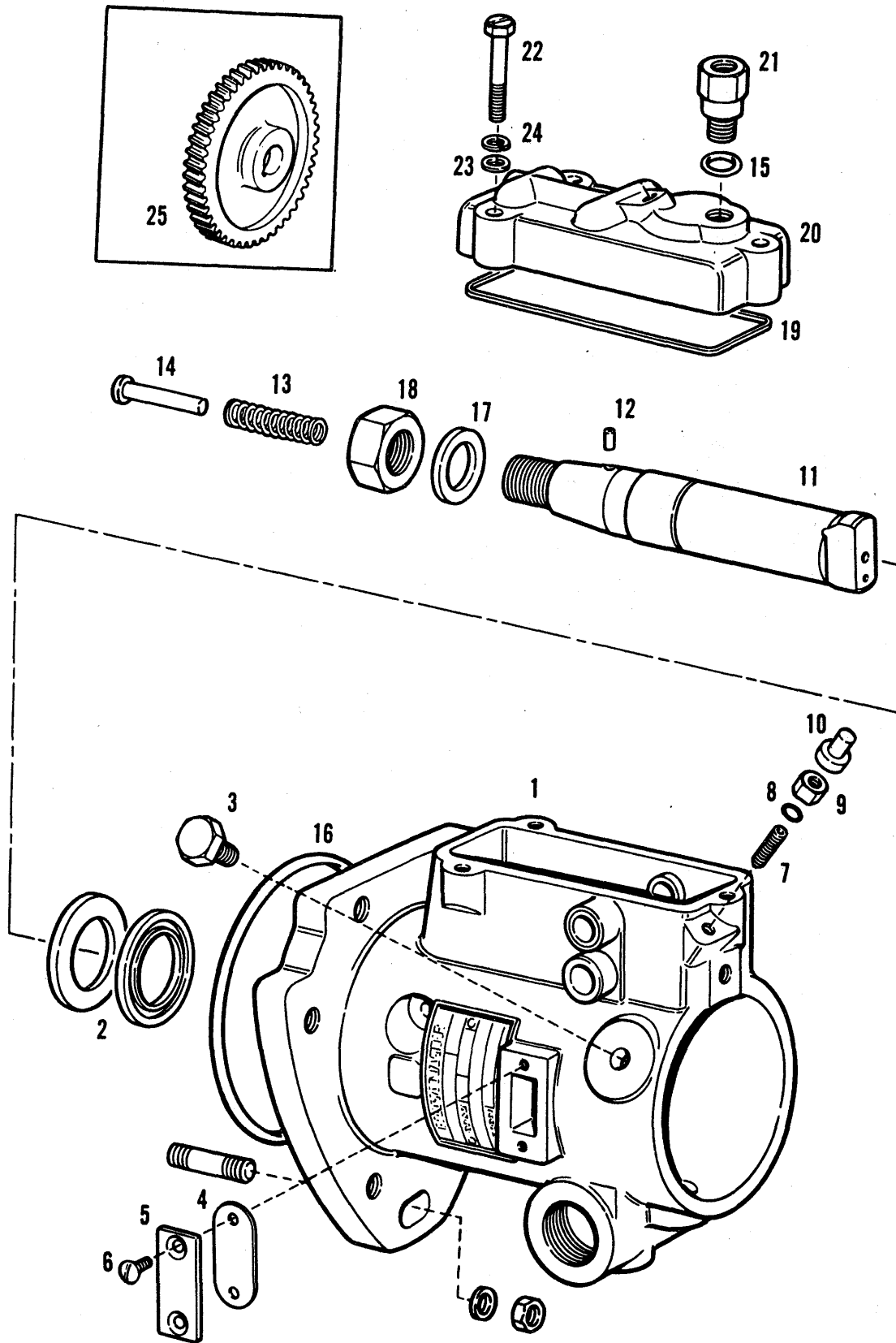
710C, 714C, 715C TRACTORS  
COOLING SYSTEM

OIL COOLER & FILTER

ITEM	NUMBER	QTY.	DESCRIPTION
1	1018979-3	1	COOLER, oil
	0916272-8	4	CAPSCREW
	0918266-8	4	WASHER
	0916965-7	4	LOCKWASHER
	0916950-9	4	NUT
2	0919063-8	2	CONNECTOR
3	0236236-6	1	BASE, oil filter
	0916272-8	2	CAPSCREW
	0916965-7	2	LOCKWASHER
	0916950-9	2	NUT
4	4511629-0	1	FILTER, element
5	0919066-1	1	CONNECTOR
6	0919205-5	1	CONNECTOR
7	1022365-9	1	TUBE ASY., oil cooler to filter
8	1022364-2	1	TUBE ASY., oil cooler to trans.
	0925617-3	2	CLAMP
	0921210-1	1	CAPSCREW
	0916965-7	1	LOCKWASHER
	0916950-9	1	NUT
9	1008728-6	3	HOSE ASY., filter to trans.
10	0919206-3	2	ELBOW
11	0923519-3	2	BUSHING, pipe
12	0901716-1	1	CROSS
13	0919063-8	1	CONNECTOR
14	0901500-9	1	NIPPLE
15	0901828-4	1	BUSHING, pipe
16	4760149-7	1	SWITCH, trans. oil temperature
	0917365-9	1	LOCKWASHER, No. 10
	0906938-6	1	WASHER, 3/16
	0916880-8	1	NUT, No. 10NF



FUEL INJECTION SYSTEM  
PUMP - HOUSING & DRIVE



710C, 714C, 715C TRACTORS  
FUEL SYSTEM

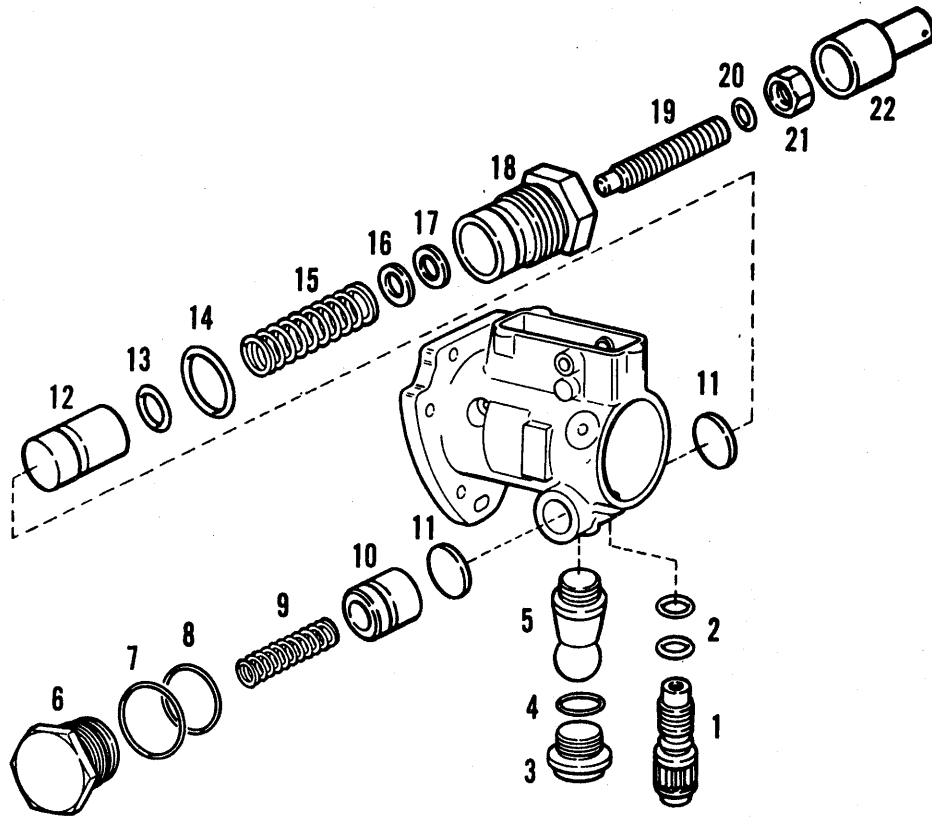
65

FUEL INJECTION SYSTEM  
PUMP - HOUSING & DRIVE

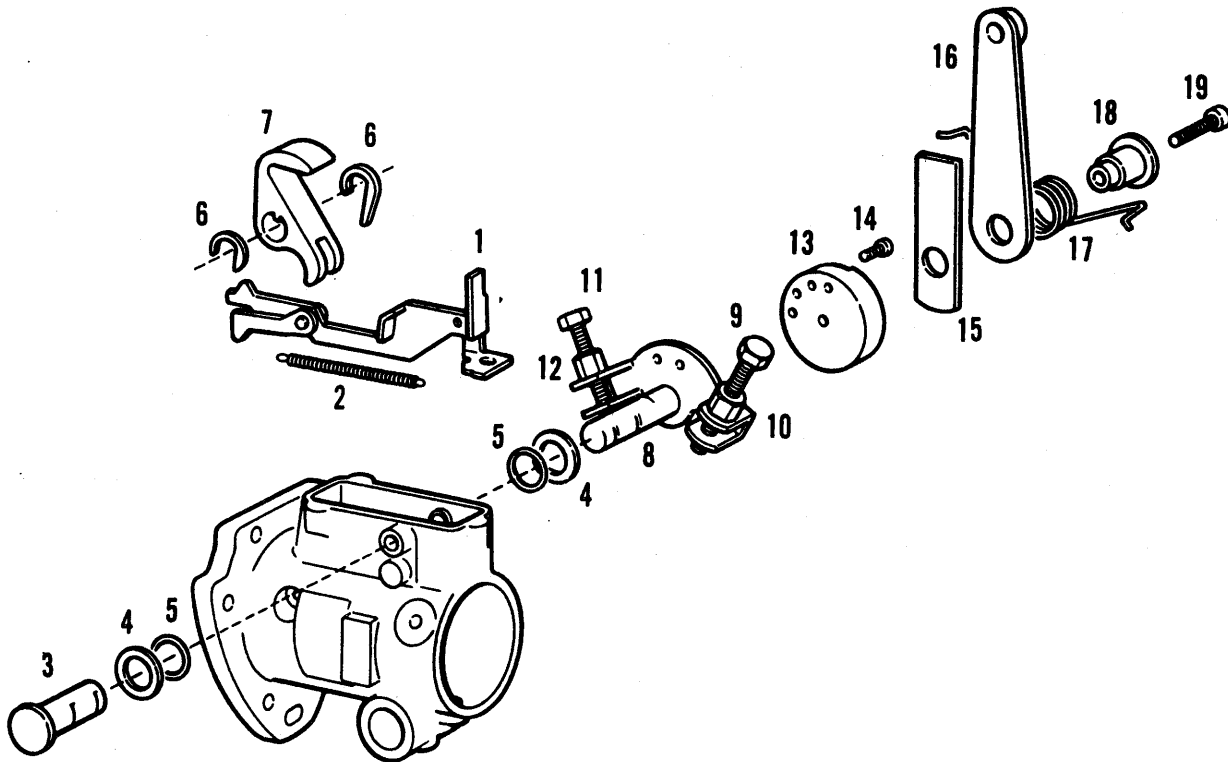
ITEM	NUMBER	QTY.	DESCRIPTION
-	4009424-5	1	PUMP ASY., fuel injection
1	4062639-2	1	HOUSING ASY., pump (Incl. Item 2)
2	4052540-4	2	SEAL, drive shaft
3	4059611-6	2	SCREW, head locking
	4062241-7	1	SCREW ASY., vent
	4062242-5	1	SCREW ASY., vent
	4062243-3	1	SCREW ASY., vent
	4062244-1	1	SCREW ASY., vent
	4062245-8	1	SCREW ASY., vent
	4062246-6	1	SCREW ASY., vent
4	4048604-5	1	GASKET, timing line cover
5	4048603-7	1	COVER, timing line
6	4061192-3	2	SCREW, timing line cover
7	4054582-4	1	SCREW, torque
8	4369878-6	1	SEAL, torque screw
9	4054583-2	1	NUT, torque screw
10	4052917-4	1	CAP, torque screw
11	4062640-0	1	SHAFT, drive
12	4061204-6	1	PIN, roll, drive shaft
13	4048600-3	1	SPRING, thrust button
14	4062642-6	1	BUTTON, thrust
15	4062239-1	1	SEAL, return line connector
16	4062641-8	1	SEAL, housing flange
17	4048598-9	1	WASHER, drive shaft
18	4048597-1	1	NUT, drive shaft
19	4048630-0	1	GASKET, governor cover
20	4062240-9	1	COVER, governor control
21	4062238-3	1	CONNECTOR ASY., return line
22	4053266-5	3	SCREW, cover hold-down
23	4053267-3	3	WASHER, cover screw
24	0906957-6	3	LOCKWASHER, cover screw
25	4022290-3	1	GEAR, drive
26	4371718-0	3	WASHER, stud nut
27	0916602-6	3	NUT, 3/8NC
28	4025250-4	3	STUD, 3/8NC x1-7/16

710C, 714C, 715C TRACTORS  
FUEL SYSTEM

FUEL INJECTION SYSTEM  
PUMP - ADVANCE



FUEL INJECTION SYSTEM  
PUMP - LINKAGE



710C, 714C, 715C TRACTORS  
FUEL SYSTEM

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FUEL INJECTION SYSTEM  
PUMP - ADVANCE

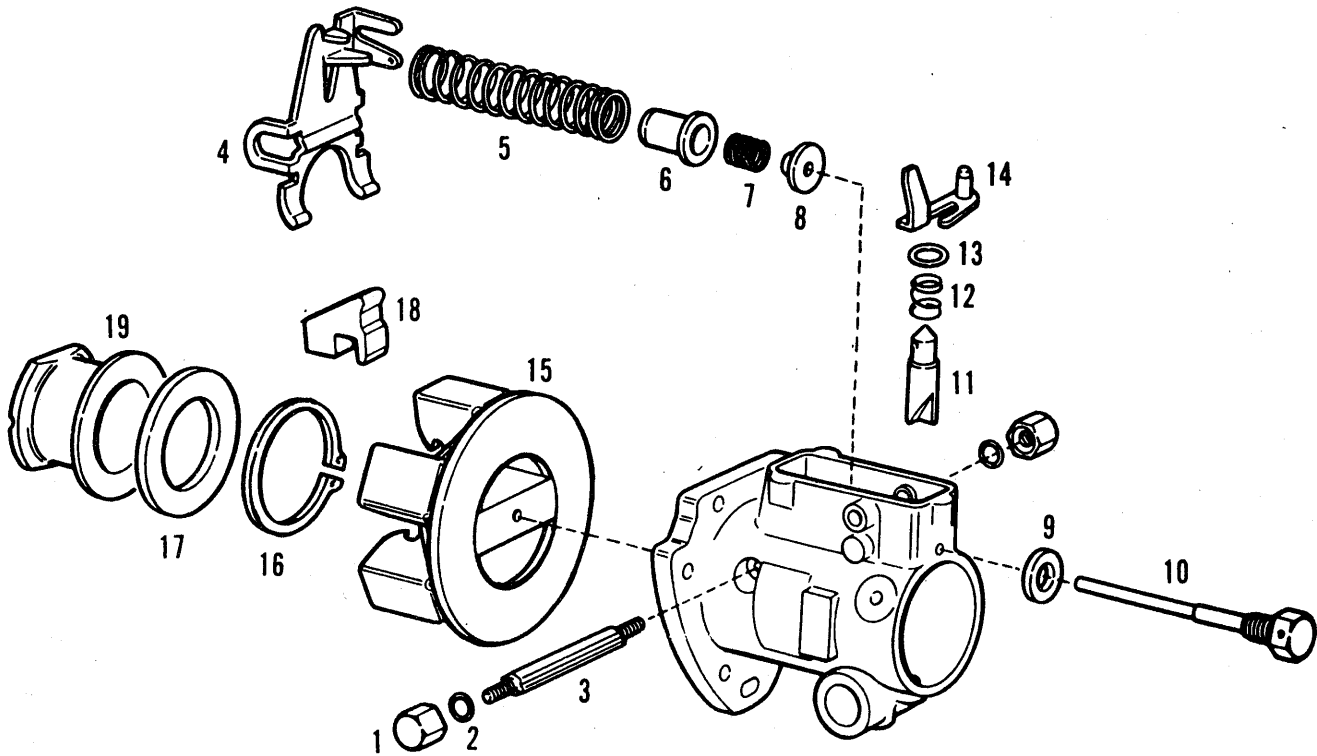
ITEM	NUMBER	QTY.	DESCRIPTION
1	4060065-2	1	SCREW ASY., head locating
2	4369595-6	2	SEAL, head locating screw
3	4054586-5	1	PLUG, advance screw hole
4	4054585-7	1	SEAL, advance screw hole plug
5	4062263-1	1	SCREW, cam advance
6	4055689-6	1	PLUG, piston hole (spring)
7	4061170-9	2	SEAL, piston hole plug
8	4054589-9	2	SEAL, piston hole plug
9	4059509-2	1	SPRING, advance
10	4062645-9	1	PISTON, spring
11	4051815-1	2	WASHER, slide
12	4062253-2	1	PISTON, power
13	4059064-8	1	SEAL, advance piston ring
14	4061128-7	1	RING, advance power piston
15	4055087-3	1	SPRING, advance trimmer
16	4059396-4	1	WASHER, advance spring
17	4059397-2	1	RING, retaining, advance spring
18	4062256-5	1	PLUG, piston hole, power
19	4062204-5	1	SCREW, advance adjusting
20	4369878-6	1	SEAL, advance adjusting screw
21	4054583-2	1	NUT, trimmer screw
22	4052917-4	1	CAP, advance adjusting screw

FUEL INJECTION SYSTEM  
PUMP - LINKAGE

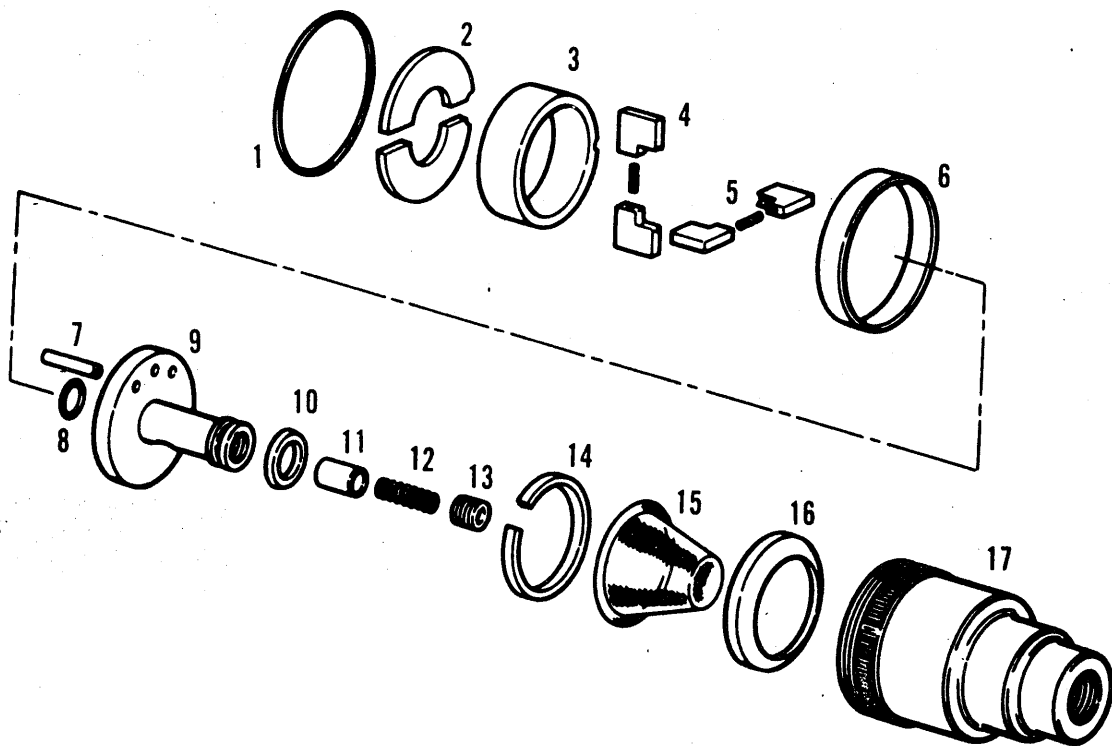
ITEM	NUMBER	QTY.	DESCRIPTION
1	4052156-9	1	HOOK ASY., governor linkage
	4059170-3	1	SCREW, governor linkage hook adjust
	4061206-1	1	WASHER, governor linkage hook adjust
	4059171-1	1	LINK ASY., governor linkage adjust
2	4048624-3	1	SPRING, governor linkage
3	4061283-0	1	SHAFT, shut-off
4	4053375-4	2	WASHER, throttle shaft seal
5	4369878-6	2	SEAL, throttle shaft
6	4051559-5	1	CLIP, shaft retaining
7	4049532-7	1	LEVER, throttle shaft
8	4056488-2	1	SHAFT ASY., throttle
9	4048645-8	1	SCREW, high idler adjusting
10	4051409-3	1	NUT, high idle adjusting
11	4056799-2	1	SCREW, low idle adjusting
12	4051409-3	1	NUT, low idle adjusting
13	4056484-1	1	SPACER, throttle lever adjust
14	4050913-5	1	SCREW, throttle lever position
15	4056486-6	1	ARM, adjusting spacer
16	4054594-9	1	LEVER ASY., throttle
17	4051413-5	1	SPRING, throttle lever
18	4051412-7	1	RETAINER, throttle lever spring
19	4061744-1	1	SCREW, throttle retainer spring

710C, 714C, 715C TRACTORS  
FUEL SYSTEM

FUEL INJECTION SYSTEM  
PUMP - GOVERNOR



FUEL INJECTION SYSTEM  
PUMP - TRANSFER



710C, 714C, 715C TRACTORS  
FUEL SYSTEM

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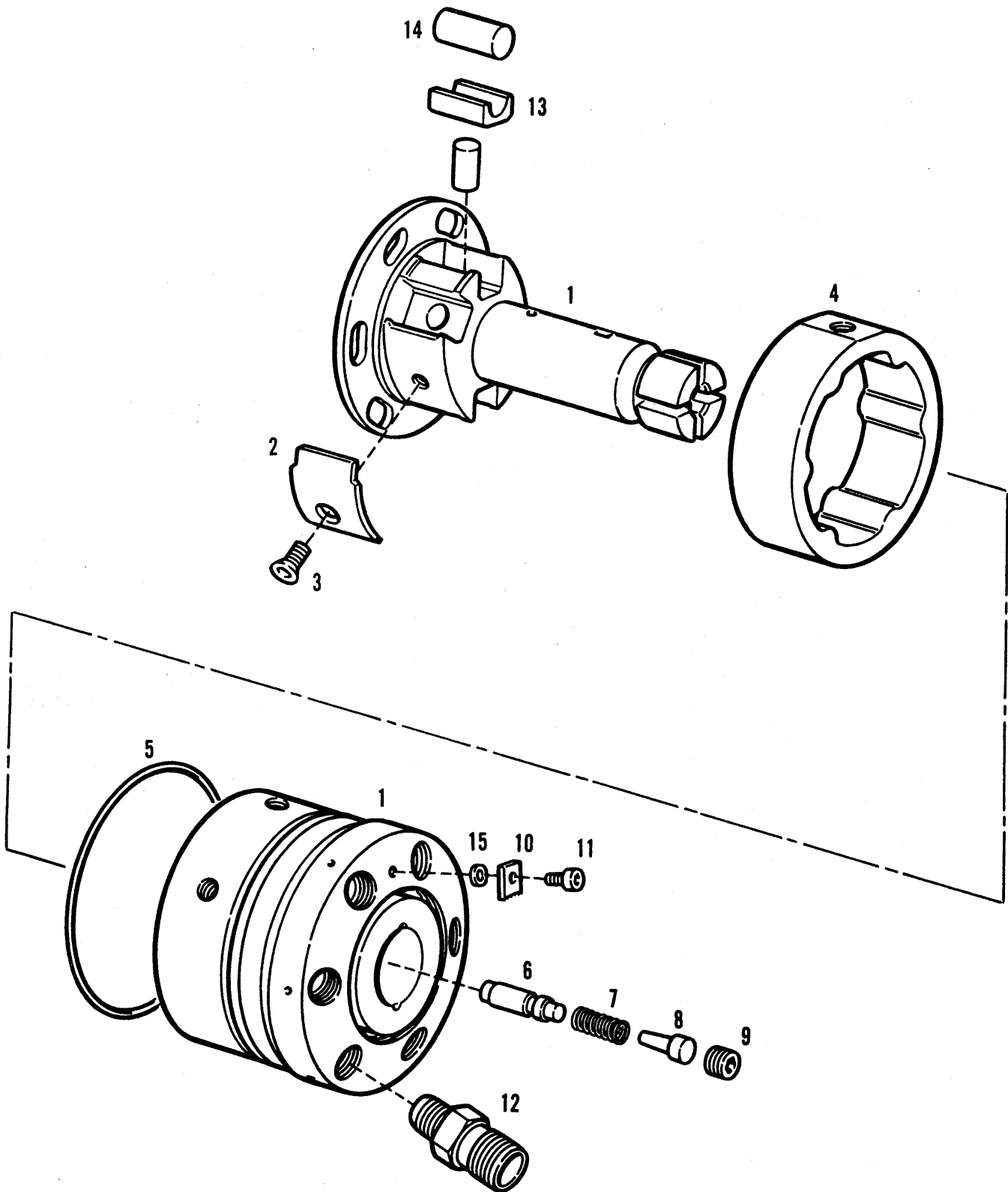
FUEL INJECTION SYSTEM  
PUMP - GOVERNOR

ITEM	NUMBER	QTY.	DESCRIPTION
1	4048642-5	2	NUT, pivot shaft
2	4050910-1	2	SEAL, pivot shaft
3	4048636-7	1	SHAFT, governor arm pivot
4	4053589-0	1	ARM, governor
5	4062288-8	1	SPRING, governor control
6	4048635-9	1	RETAINER, spring
7	4049533-5	1	SPRING, idling
8	4048627-6	1	GUIDE, idling spring
9	4048650-8	1	WASHER, guide stud
10	4051378-0	1	STUD, guide
11	4062257-3	1	VALVE, metering
	4062497-5	1	VALVE, metering (Per S.B. 336)
12	4051502-5	1	SPRING, metering valve
13	4052915-8	1	SHIM, metering valve
14	4054579-0	1	ARM ASY., metering valve
15	4062656-6	1	RETAINER ASY., gov. weight
	4061611-2	1	RETAINER ASY., gov. weight (basic)
	4062259-9	1	RETAINER, governor weight
	4062260-7	1	HUB ASY., governor weight
	4059575-3	1	RING, flexible retainer
16	4253433-9	1	RING, retaining, governor cage
17	4048620-1	1	WASHER, governor thrust sleeve
18	4053385-3	6	WEIGHT, governor
19	4062651-7	1	SLEEVE, governor thrust

FUEL INJECTION SYSTEM  
PUMP - TRANSFER

ITEM	NUMBER	QTY.	DESCRIPTION
1	4061661-7	1	SEAL, transfer pump
2	4061663-3	2	RETAINER, rotor
3	4061172-5	1	LINER, transfer pump
4	4061587-4	4	BLADE, thin
	4061588-2	4	BLADE, thick
5	4055958-5	2	SPRING, transfer pump blade
6	4061665-8	1	RING, liner locating
7	4061162-6	1	PIN, roll
8	4061163-4	1	SEAL, regulating piston
9	4061174-1	1	REGULATOR ASY., transfer pump
10	4061164-2	1	SEAL, inlet filter screen
11	4061165-9	1	PISTON, regulating
12	4062255-7	1	SPRING, regulating
13	4055960-1	1	PLUG ASY., end plate adjust
14	4061666-6	1	RING, retainer, screen
15	4061662-5	1	SCREEN, inlet filter
16	4061664-1	1	PLATE, pressure, transfer pump
17	4061660-9	1	CAP, end, transfer pump

FUEL INJECTION SYSTEM  
PUMP - HYDRAULIC HEAD & ROTOR



710C, 714C, 715C TRACTORS  
FUEL SYSTEM

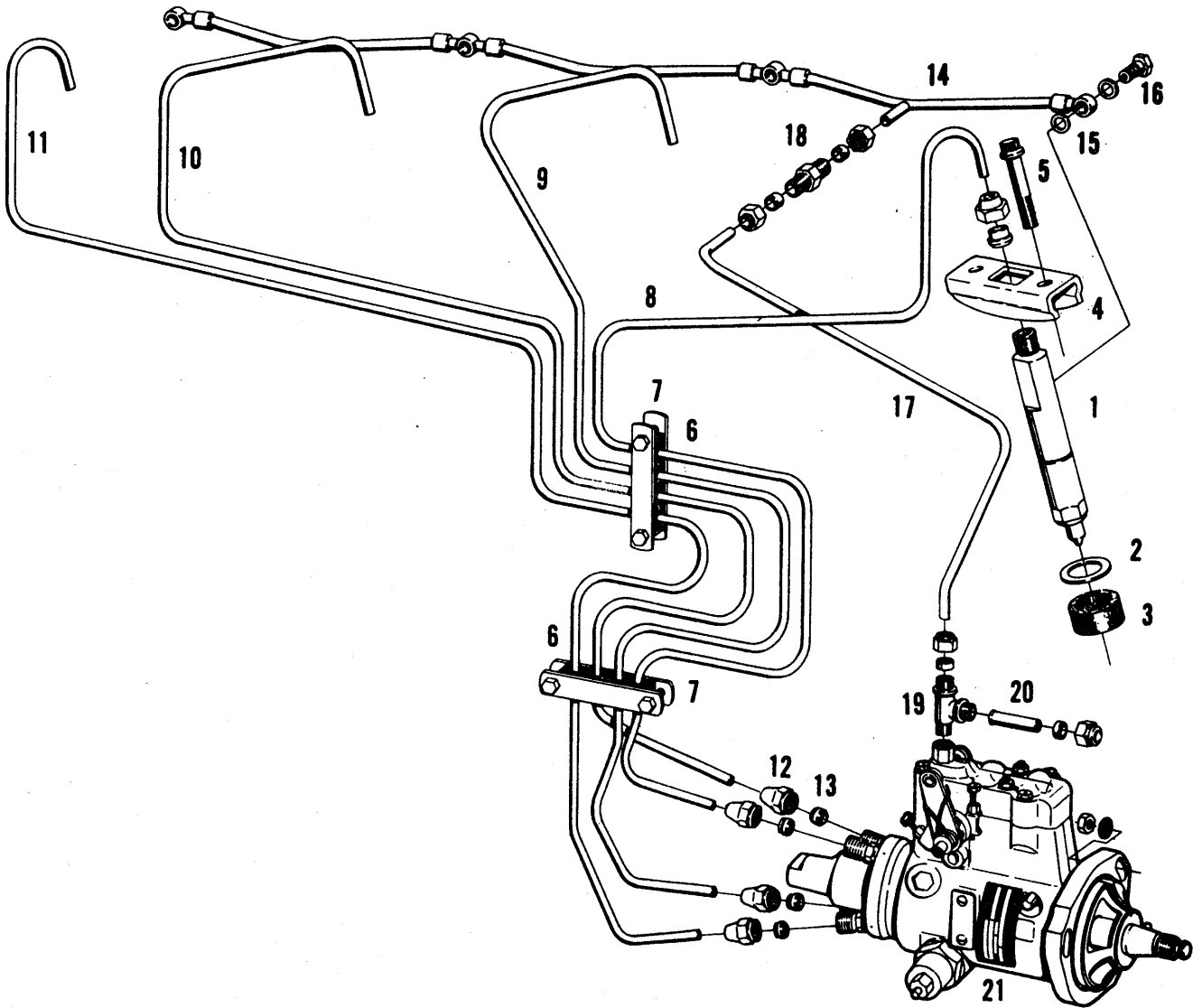
71

FUEL INJECTION SYSTEM  
PUMP - HYDRAULIC HEAD & ROTOR

ITEM	NUMBER	QTY.	DESCRIPTION
1	4062249-0	1	HEAD & ROTOR ASY., hydraulic
	4056461-9	1	SCREW, head plug
	4051388-9	1	SCREW, head plug
2	4051372-3	1	SPRING, leaf
3	4053362-2	1	SCREW, leaf spring
4	4062237-5	1	CAM, ring
5	4369444-7	1	SEAL, hydraulic head
6	4053451-3	1	VALVE, delivery
	4059678-5	1	VALVE, delivery (oversize)
7	4051379-8	1	SPRING, delivery valve
8	4056590-5	1	STOP, delivery valve
9	4052538-8	1	SCREW, delivery valve
10	4062251-6	1	PLATE, locking
11	4062250-8	1	SCREW, locking plate
12	4061195-6	4	CONNECTOR, fuel line
13	4061569-2	2	SHOE, cam roller
14	4369436-3	2	ROLLER, cam
15	4051365-7	1	WASHER, locking plate



FUEL INJECTION SYSTEM  
LINES



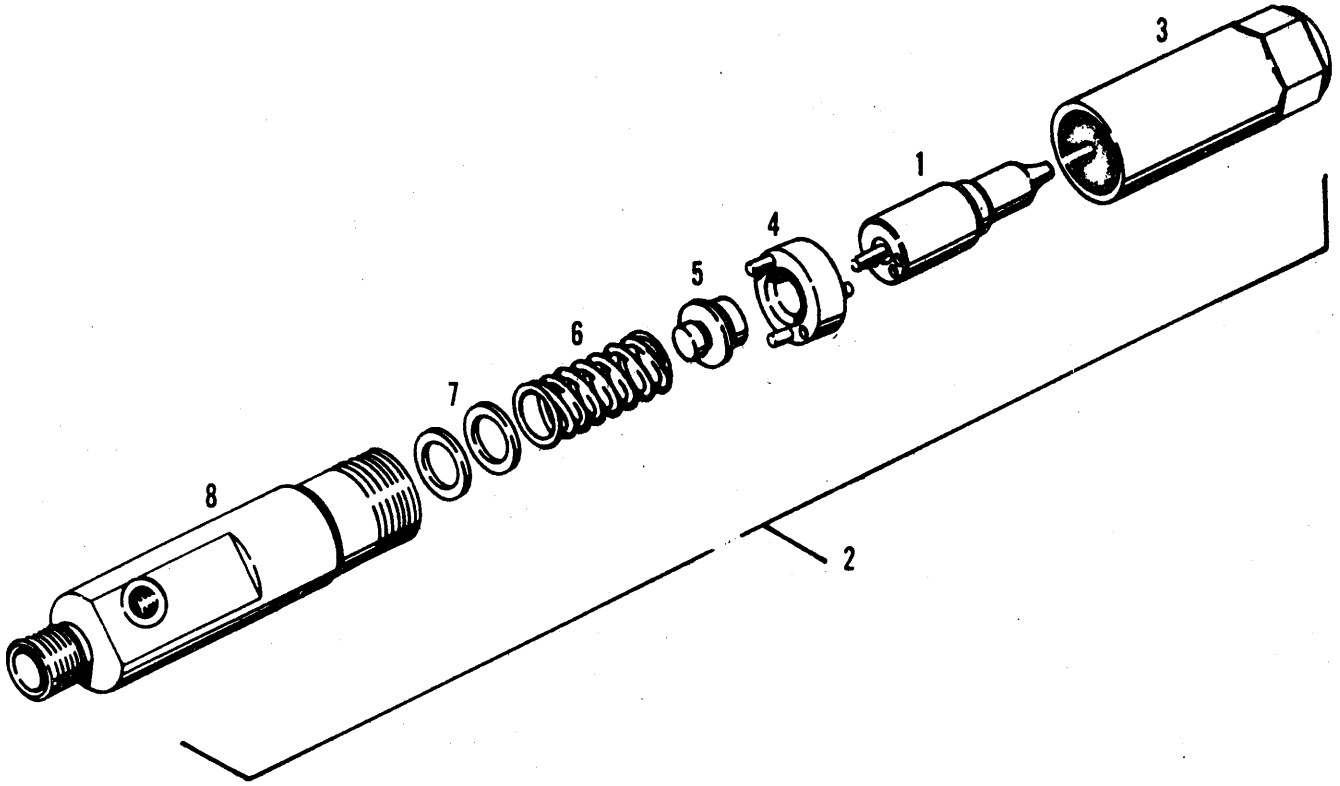
710C, 714C, 715C TRACTORS  
FUEL SYSTEM

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FUEL INJECTION SYSTEM  
LINES

ITEM	NUMBER	QTY.	DESCRIPTION
1	4009013-6	4	NOZZLE & HOLDER ASY. (Refer to FUEL INJECTOR group for components)
2	4009035-9	4	WASHER
3	4009040-9	4	SHIELD, dust
4	4322293-4	4	FLANGE, mounting nozzle holder
5	4009199-3	8	CAPSCREW, 5/16NC x 1-3/8, 12 pt.
6	4507360-8	4	SPACER, rubber
7	4507416-8	4	PLATE, clamp, line bracket
	0918237-9	4	CAPSCREW, 1/4NC x 1-1/4
	0916964-0	4	LOCKWASHER, 1/4
	0916622-4	4	NUT, 1/4NC
8	4009036-7	1	TUBE, injector (No. 1 Cylinder)
9	4009037-5	1	TUBE, injector (No. 2 Cylinder)
10	4009038-3	1	TUBE, injector (No. 3 Cylinder)
11	4009039-1	1	TUBE, injector (No. 4 Cylinder)
12	4504409-6	8	NUT
13	4501149-1	8	SLEEVE
14	4009034-2	1	TUBE ASY., drip manifold
	0917806-2	1	SLEEVE
	0917809-6	1	NUT
15	4322189-4	8	GASKET, banjo fitting
16	4322188-6	4	SCREW, banjo drip line connection
17	4009119-1	1	TUBE, drip return
	0917806-2	2	SLEEVE
	0917809-6	2	NUT
18	0921534-4	1	UNION, 1/4
19	0920411-6	1	TEE, service, 1/8 x 1/4 tube
20	4009236-3	1	TUBE, return
	0917806-2	1	SLEEVE
	0917809-6	1	NUT
21	-----	1	PUMP ASY., fuel injection (Refer to PUMP ASY. for component parts)

FUEL INJECTION SYSTEM  
FUEL INJECTOR



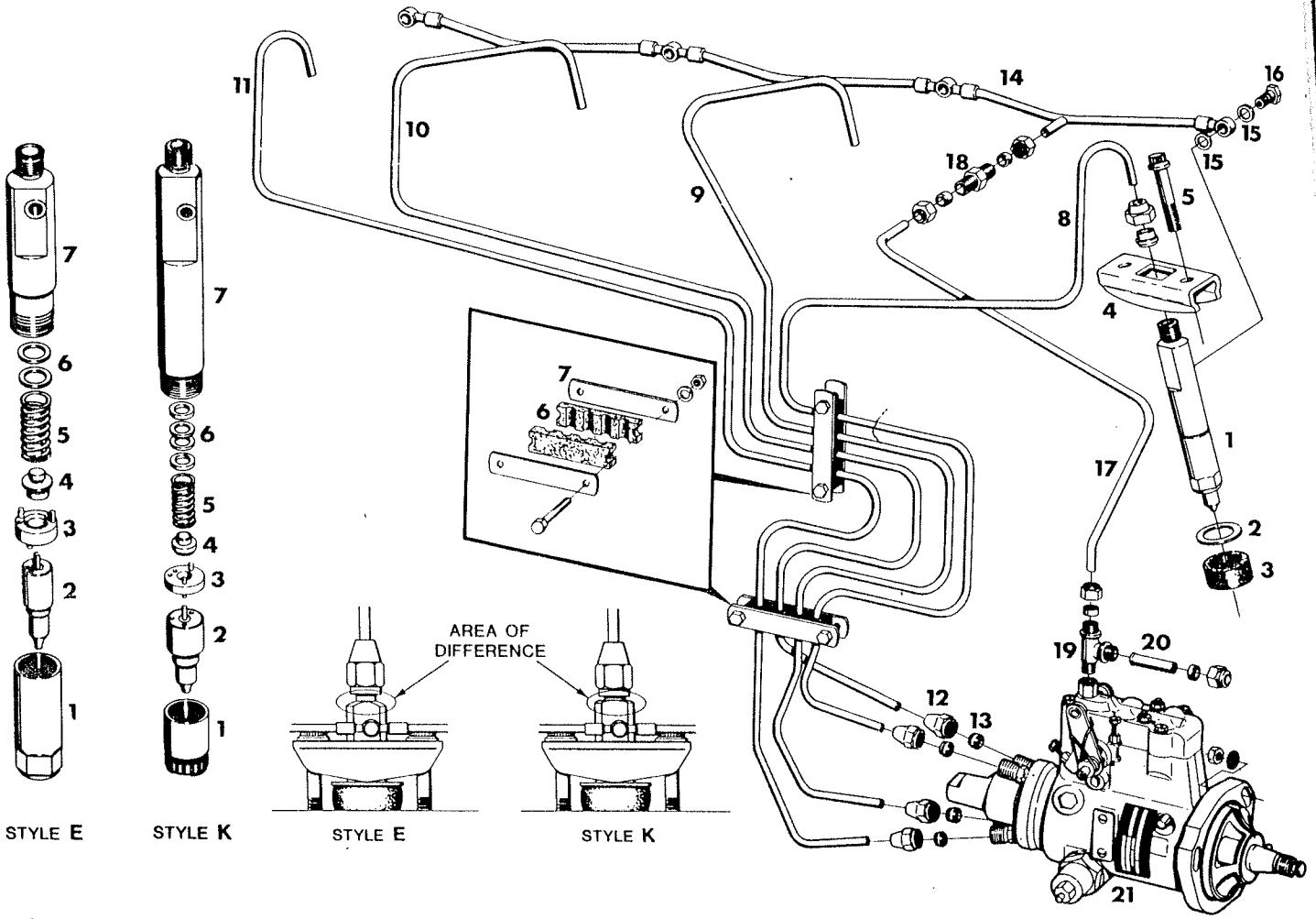
710C, 714C, 715C TRACTORS  
FUEL SYSTEM

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FUEL INJECTION SYSTEM  
FUEL INJECTOR

ITEM	NUMBER	QTY.	DESCRIPTION
—	4063329-9	1	HOLDER & NOZZLE ASY. (Incl. Items 1 thru 8)
1	-----	1	NOZZLE ASY. (Use 4063329)
2	-----	1	HOLDER ASY. (Incl. Items 3 thru 8) (Not serviced separately; order HOLDER & NOZZLE ASY.)
3	4062667-3	1	NUT
4	4062666-5	1	SPACER
5	4062664-0	1	SEAT
6	4062665-7	1	SPRING
7	4062809-1	1	SHIM KIT
8	-----	1	BODY, holder (Not serviced separately; order HOLDER & NOZZLE ASY.)

FUEL INJECTION SYSTEM



STYLE E

STYLE K

STYLE E

STYLE K

AREA OF DIFFERENCE

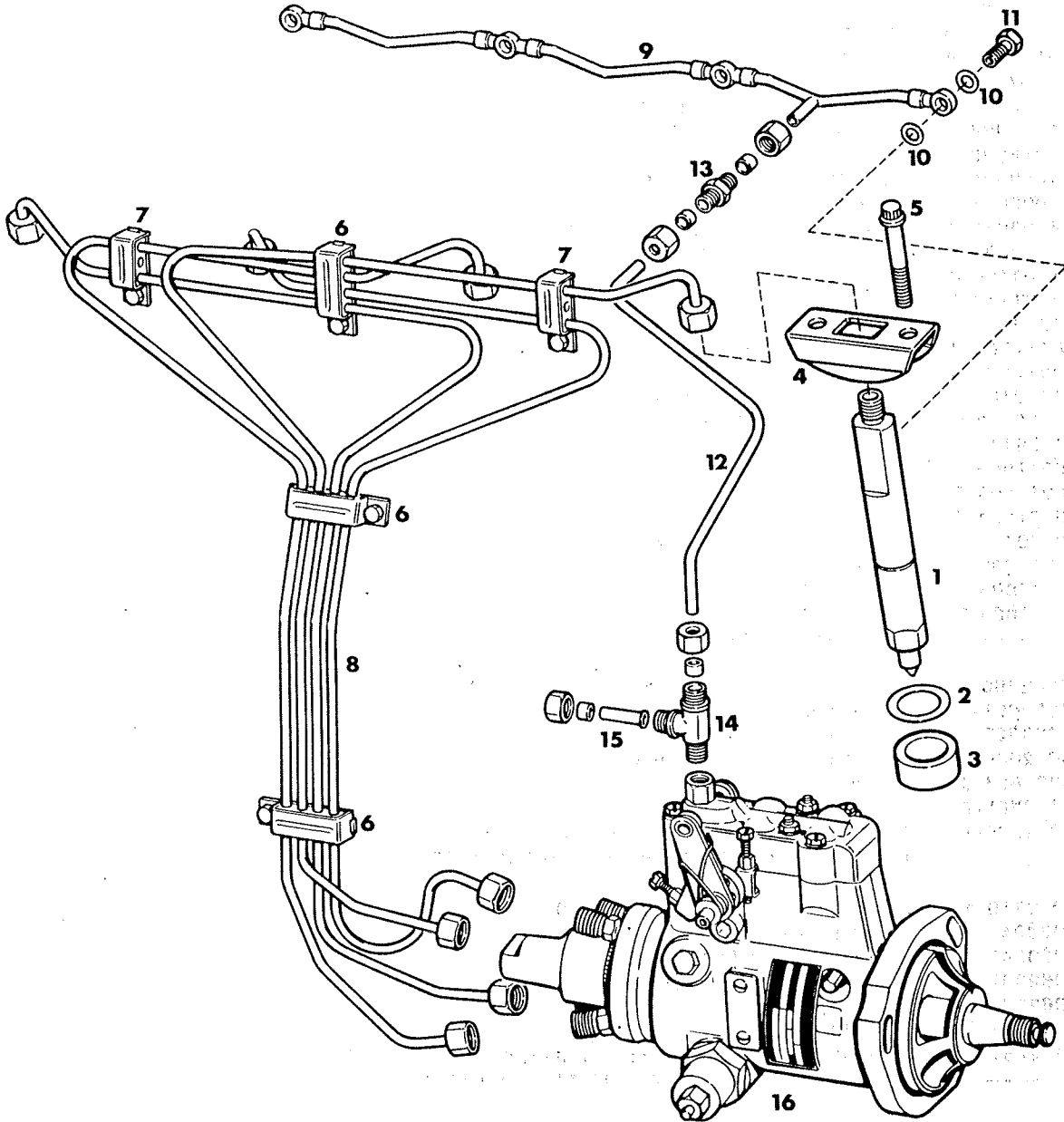
## FUEL INJECTION SYSTEM

ITEM	NUMBER	QTY.	DESCRIPTION
1	-----	4	NOZZLE & HOLDER ASY. (Use 4063270 or 4063266)
2	4009035-9	4	WASHER
3	4009040-9	4	SHIELD, dust
4	4322293-4	4	FLANGE, mounting, nozzle holder
5	4009199-3	8	CAPSCREW, 5/16NC x 1-3/8, 12 pt.
6	4507360-8	4	SPACER, rubber
7	4507416-8	4	PLATE, clamp, line bracket
	0918237-9	4	CAPSCREW, 1/4NC x 1-1/4
	0916964-0	4	LOCKWASHER, 1/4
	0916622-4	4	NUT, 1/4NC
8	4009036-7	1	TUBE, injector (No. 1 Cylinder)
9	4009037-5	1	TUBE, injector (No. 2 Cylinder)
10	4009038-3	1	TUBE, injector (No. 3 Cylinder)
11	4009039-1	1	TUBE, injector (No. 4 Cylinder)
12	4504409-6	8	NUT
13	4501149-1	8	SLEEVE
14	4009034-2	1	TUBE ASY., drip manifold
	0917806-2	1	SLEEVE
	0917809-6	1	NUT
15	4322189-4	8	GASKET, banjo fitting
16	4322188-6	4	SCREW, banjo drip line connection
17	4009119-1	1	TUBE, drip return
	0917806-2	3	SLEEVE
	0917809-6	3	NUT
18	0921534-4	1	UNION, 1/4
19	0920411-6	1	TEE, service, 1/8 x 1/4 tube
20	4009236-3	1	TUBE, return
	0917806-2	1	SLEEVE
	0917809-6	1	NUT
21	-----	1	PUMP ASY., fuel injection
<del>---</del>	<del>4063266-3</del>	<del>1</del>	<del>NOZZLE &amp; HOLDER ASY. (Type E)</del>
1	4062667-3	1	NUT, nozzle retaining
2	4063329-9	1	NOZZLE ASY. (.32mm orifice)
3	4062666-5	1	SPACER ASY., valve stop
4	4062664-0	1	SEAT, spring
5	4062665-7	1	SPRING, pressure
6	4062809-1	2	SHIM KIT, pressure adjusting (Not serviced individually)
7	-----	1	HOLDER, body (Order NOZZLE & HOLDER ASY.)
<del>---</del>	<del>4063270-5</del>	<del>1</del>	<del>NOZZLE &amp; HOLDER ASY. (Type K)</del>
1	4063244-0	1	NUT, nozzle retaining
2	4063245-7	1	NOZZLE ASY. (.33mm orifice)
3	4062807-5	1	SPACER ASY., valve stop
4	4062806-7	1	SEAT, spring
5	4062805-9	1	SPRING, pressure
6	4062761-4	2	SHIM KIT, pressure adjusting (Not serviced individually)
7	-----	1	HOLDER, body (Order NOZZLE & HOLDER ASY.)

1st type, prior to S/N 33K-20381  
Refer to page 42 for late type.

*Robt.*

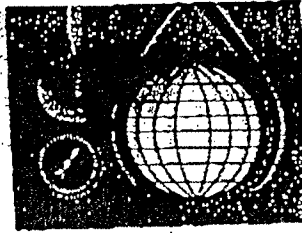
FUEL INJECTION SYSTEM



## FUEL INJECTION SYSTEM

ITEM	NUMBER	QTY.	DESCRIPTION
1	-----	4	Nozzle & Holder Asy. (Refer to page 39)
2	4009035	4	Washer
3	4009040	4	Shield, Dust
4	4322293	4	Flange, Mounting, Nozzle holder
5	4009199	8	Capscrew, 5/16 NC X 1 3/8, 12 pt.
6	4063556	3	Clamp Asy. (4 lines)
7	4063555	2	Clamp Asy. (3 lines)
8	4009934	1	Fuel Line Cluster (4 cyl.) Effective S/N 33K-20381 (includes items 6 & 7 clamp asy.)
9	4009034	1	Tube Asy. Drip Manifold
	0917806	1	Sleeve
	0917809	1	Nut
10	4322189	8	Gasket, Banjo fitting
11	4322188	4	Screw, Banjo Drip Line Connection
12	4009119	1	Tube, Drip return
	0917806	2	Sleeve
	0917809	2	Nut
13	0921534	1	Union, 1/4
14	0920411	1	Tee, Service, 1/8 X 1/4 Tube
15	4009236	1	Tube, Return
	0917806	1	Sleeve
	0917809	1	Nut
16	-----	1	Pump Asy., Fuel Injection





ENGINE DIVISION  
Bulletin No. 1500  
Revised  
File: 433T & I-2000  
2800-2900-  
MKII 649  
SERIES

# ALLIS-CHALMERS SERVICE

SUBJECT: E STYLE AND K STYLE INJECTOR ASSEMBLIES

MODELS: 433-649-SERIES ENGINES 2800-2900 WITH NOZZLE CHANGEOVER KITS INSTALLED

PURPOSE: TO ADVISE THE FIELD THAT E STYLE AND K STYLE INJECTOR ASSEMBLIES CANNOT BE INTER-MIXED IN ENGINE ASSEMBLIES.

SPECIFICS:

1. ALL ENGINES WITH SERIAL NOS. WITH NO LETTER IN ITS SEQUENCE HAVE STYLE E INJECTORS.
2. ALL ENGINES WITH THE LETTER E IN ITS SERIAL NO. SEQUENCE HAVE STYLE E INJECTORS.
3. ALL ENGINES WITH THE LETTER K IN ITS SERIAL NO. SEQUENCE HAVE STYLE K INJECTORS.
4. E INJECTORS ARE MANUFACTURED BY ROBERT BOSCH. K INJECTORS ARE MANUFACTURED BY UNITED TECH (AMERICAN BOSCH).
5. POOR ENGINE PERFORMANCE WILL OCCUR IF THESE INJECTORS ARE INTER-MIXED IN ONE ENGINE ASSEMBLY.
6. DO NOT INTER-MIX THESE INJECTOR ASSEMBLIES IN AN ENGINE. ALL K STYLE OR E STYLE HAVE TO BE USED IN ALL CYLINDERS. ILLUSTRATION BELOW SHOWS HOW TO DETERMINE THE DIFFERENCES BETWEEN THE TWO STYLES OF INJECTORS.

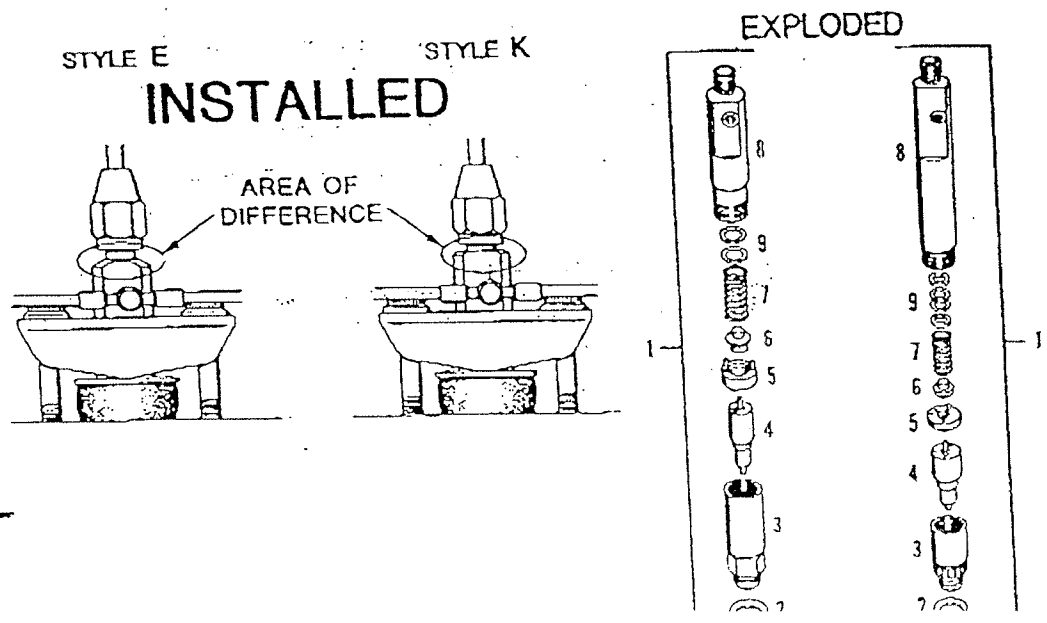
FAX MEMO  
BATAVIA, ILLINOIS

# PAGES  
1

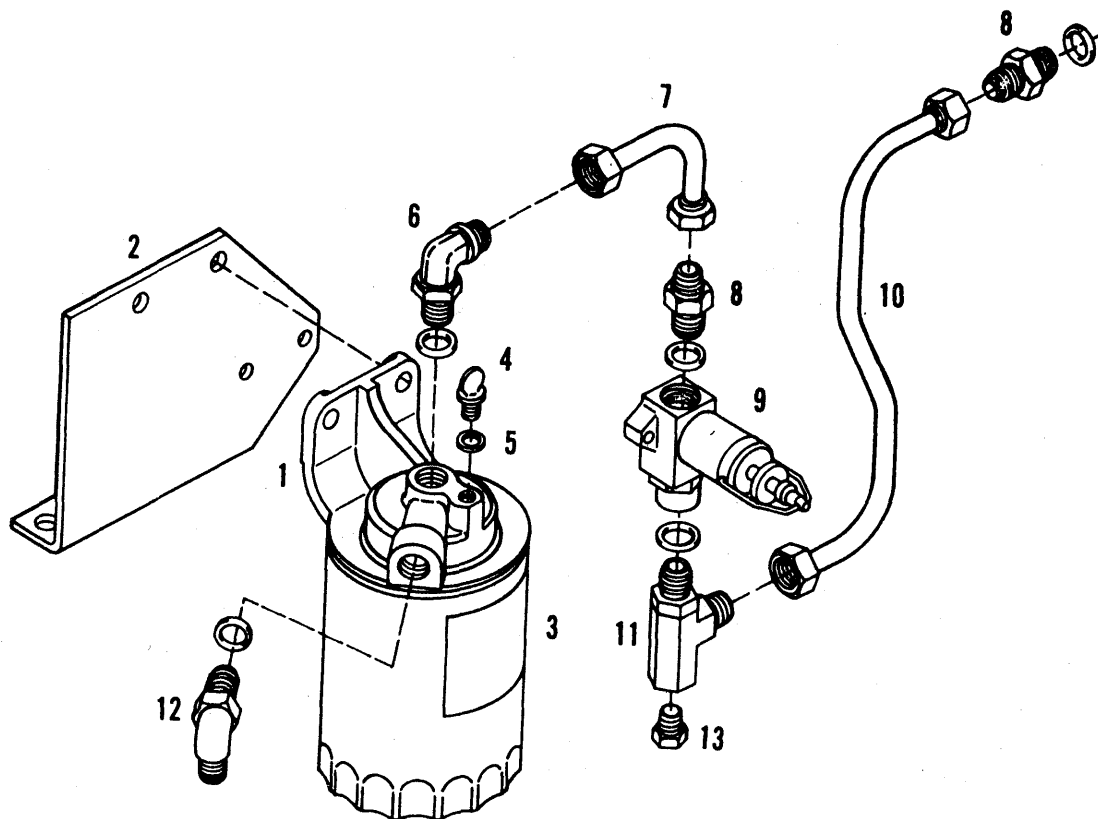
TO: *J. Schultzy*  
CO: *minn-par*  
FAX: \_\_\_\_\_  
FROM: \_\_\_\_\_  
PHONE: 708/406-\_\_\_\_\_  
FAX: 708/879-2319  
D: *2/14/97*



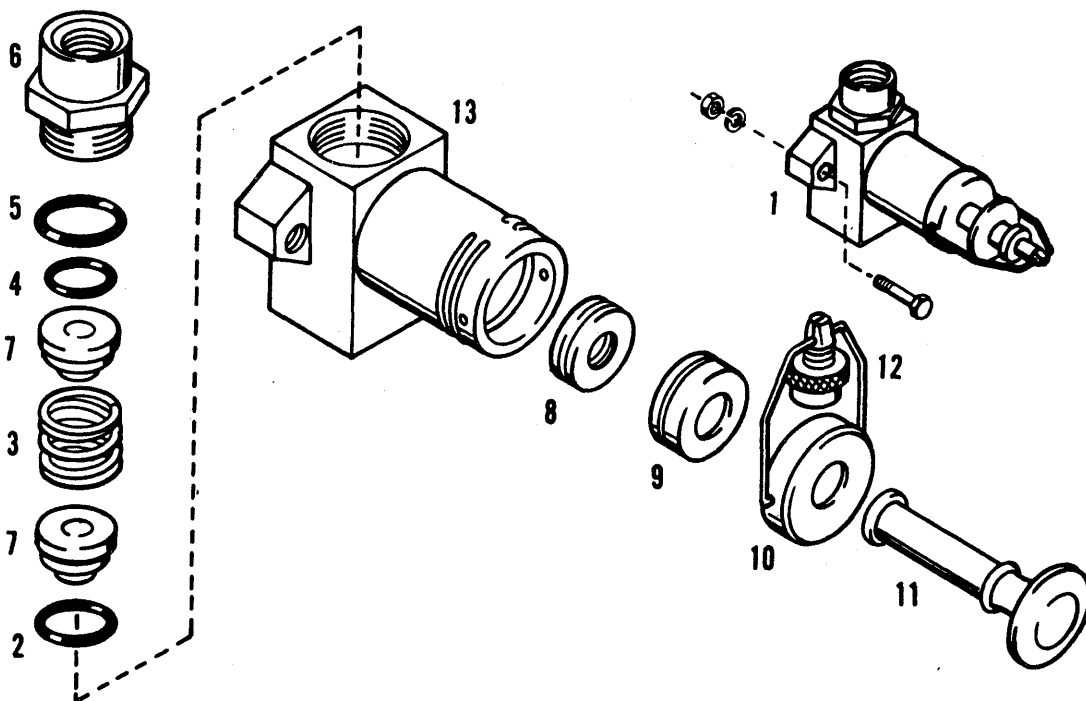
BT-304



FUEL INJECTION SYSTEM  
FUEL FILTER & LINES



FUEL INJECTION SYSTEM  
HAND PRIMER PUMP



710C, 714C, 715C TRACTORS  
FUEL SYSTEM

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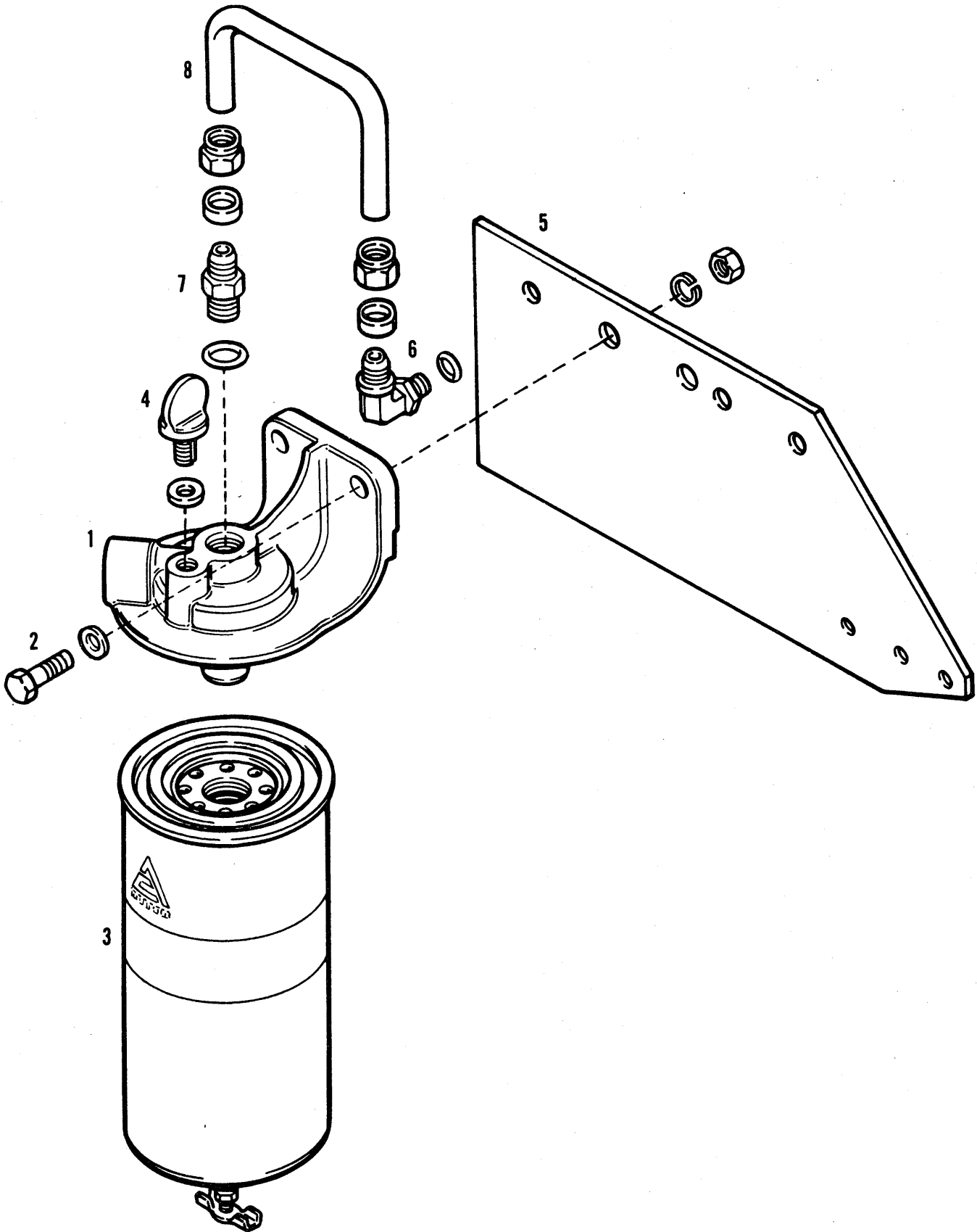
FUEL INJECTION SYSTEM  
FUEL FILTER & LINES

ITEM	NUMBER	QTY.	DESCRIPTION
1	4036098-4	1	BASE ASY.
	0920677-2	2	CAPSCREW, 7/16NC x 1-1/4
	0929934-8	2	WASHER, plain
	0914678-8	2	LOCKWASHER, 7/16
	0918213-0	2	NUT, 7/16NC
2	4007626-7	1	BRACKET
	0921977-5	2	CAPSCREW, 5/16NC x 1-1/4 (oil pan rail)
3	4028945-6	1	ELEMENT, filter (w/o drain)
4	4036540-5	1	SCREW, thumb
5	4254873-5	1	WASHER
6	4023721-6	1	ELBOW (at filter base)
	0921885-0	1	O-RING
7	4007627-5	1	TUBE, filter to hand primer pump
	0917810-4	2	NUT, 3/8 tube O.D.
	0917807-0	2	SLEEVE, 3/8 tube O.D.
8	4023556-6	2	CONNECTOR, at hand primer pump (Incl. O-RING)
	0921884-3	2	O-RING
9	4024229-9	1	PUMP, hand primer
10	4009188-6	1	TUBE, hand primer to fuel injecton pump
	0917810-4	2	NUT, 3/8 tube O.D.
	0917807-0	2	SLEEVE, 3/8 tube O.D.
11	4007628-3	1	TEE (Incl. O-RING)
	0921884-3	1	O-RING
12	0936051-2	1	ELBOW
13	0919134-7	1	PLUG, pipe

FUEL INJECTION SYSTEM  
HAND PRIMER PUMP

ITEM	NUMBER	QTY.	DESCRIPTION
1	4024229-9	1	PUMP ASY., hand primer
	0910539-6	2	SCREW, No. 10NC x 1-1/4
	0917365-9	2	LOCKWASHER, No. 10
	0916621-6	2	NUT, No. 10NC
2	4060695-6	1	O-RING, valve
3	4050638-8	1	SPRING, valve retaining
4	4048649-0	1	SEAL
5	4050645-3	1	RING
6	4060956-2	1	NUT
7	4050637-0	2	VALVE
8	4053035-4	1	SEAL, piston (Use PLUNGER 4063231)
9	4053037-0	1	GUIDE, plunger (Use PLUNGER 4063231)
10	4059620-7	1	CAP (Use PLUNGER 4063231)
11	4053036-2	1	PLUNGER (Use PLUNGER 4063231)
12	4050646-1	1	CLAMP ASY.
13	-----	1	BODY (Not serviced; order complete ASY.)

FUEL INJECTION SYSTEM  
WATER SEPARATOR



710C, 714C, 715C TRACTORS  
FUEL SYSTEM

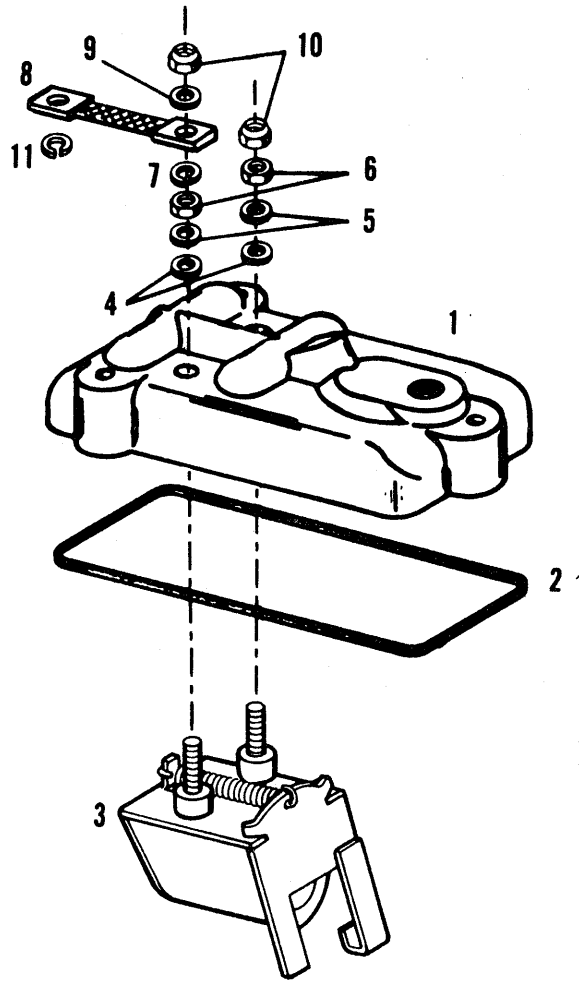
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FUEL INJECTION SYSTEM  
WATER SEPARATOR

ITEM	NUMBER	QTY.	DESCRIPTION
1	4395419-7	1	BASE ASY., water separator
2	0916197-7	2	CAPSCREW, 7/16NC x1-1/4
	0929934-8	2	WASHER, 7/16
	0914678-8	2	LOCKWASHER, 7/16
	0912201-1	2	NUT, 7/16NC
3	4394407-3	1	ELEMENT, filter (with O-Ring)
4	4036540-5	1	SCREW, thumb
	4254873-5	1	WASHER
5	4008488-1	1	BRACKET, filter mount
6	4023721-6	1	ELBOW, 90° (with O-RING)
	0921885-0	1	O-RING
7	4359776-4	1	CONNECTOR (with O-RING)
	0921885-0	1	O-RING
8	4008489-9	1	TUBE, water separator to fuel filter
	0917807-0	2	SLEEVE
	0917810-4	2	NUT

710C, 714C, 715C TRACTORS  
FUEL SYSTEM

FUEL INJECTION SYSTEM  
ELECTRIC SHUT-OFF



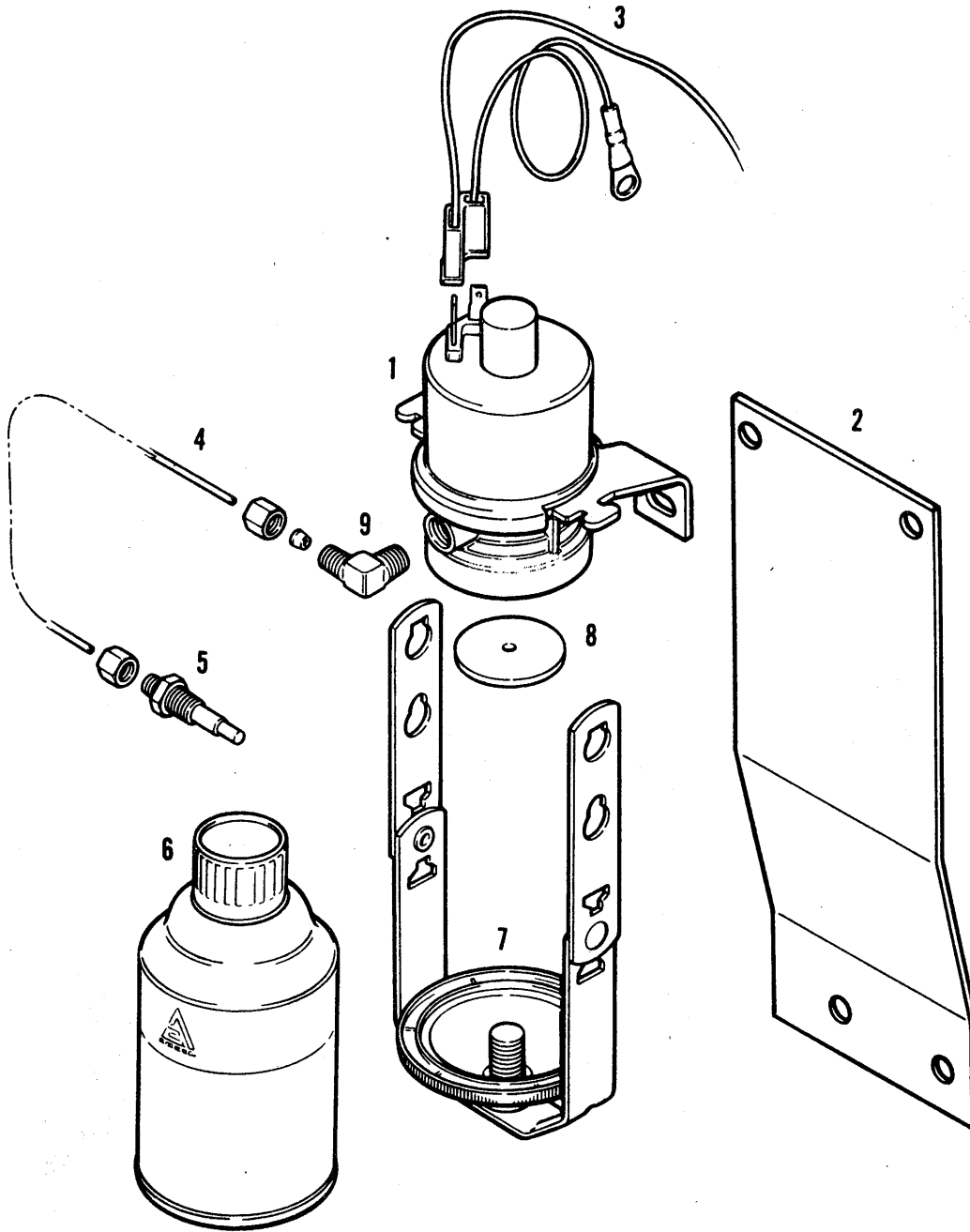
710C, 714C, 715C TRACTORS  
FUEL SYSTEM

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FUEL INJECTION SYSTEM  
ELECTRIC SHUT-OFF

ITEM	NUMBER	QTY.	DESCRIPTION
1	4062240-9	1	COVER, governor
2	4048630-0	1	GASKET, cover
	4062190-6	1	PLUNGER, solenoid
3	4062841-4	1	SOLENOID FRAME & ARM ASY.
4	4051383-0	2	WASHER, terminal insulating
5	4060067-8	2	WASHER, terminal control
6	4049437-9	2	NUT, terminal contact
7	0912739-0	1	LOCKWASHER, terminal contact
8	4062188-0	1	STRAP, terminal grounding
9	4060067-8	1	WASHER, terminal grounding
10	4053829-0	2	LOCKNUT, terminal contact
11	4061205-3	1	LOCKWASHER, cover screw

ETHER STARTING SYSTEM



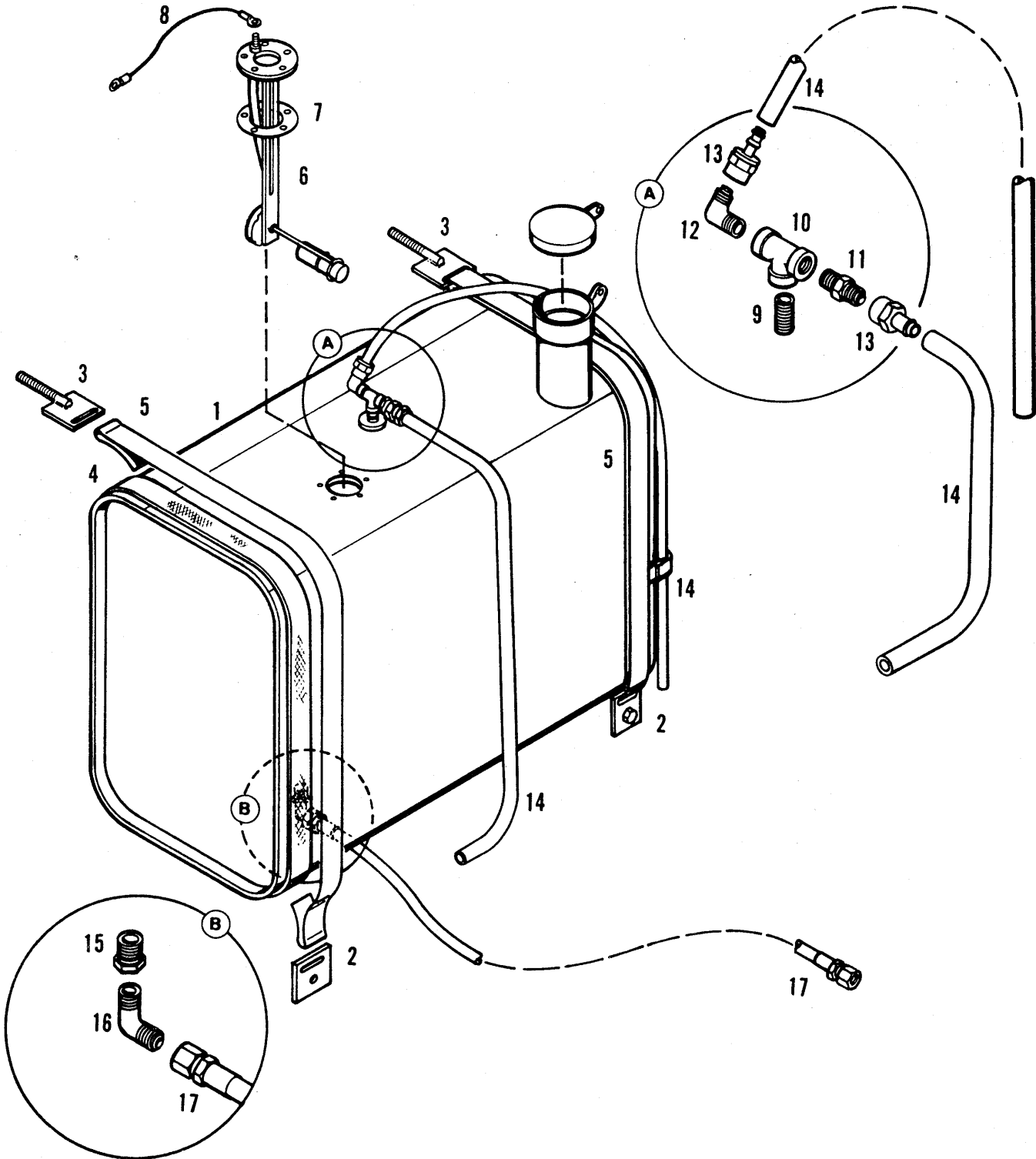


710C, 714C, 715C TRACTORS  
FUEL SYSTEM

ETHER STARTING SYSTEM

ITEM	NUMBER	QTY.	DESCRIPTION
1	0256751-9	1	SOLENOID ASY., (Incl. Items 7, 8 & 9)
	0921333-1	2	CAPSCREW, 5/16NC x 1
	0917356-8	2	LOCKWASHER, 5/16
	0917372-5	2	NUT, 5/16NC
2	1022498-8	1	BRACKET, mounting
	0921333-1	2	CAPSCREW, 5/16NC x 1
	0917356-8	2	LOCKWASHER, 5/16
	0917372-5	2	NUT, 5/16NC
3	0256639-6	1	WIRE ASY., cable
	0253320-6	1	SWITCH, push button (on Instrument Panel)
4	1022731-2	1	TUBE, coil
5	4024482-4	1	ATOMIZER ASY.
6	9001737-7	1	CAN, starting ether (11 oz.)
7	0256824-4	1	BAIL ASY.
8	0256825-1	1	GASKET
9	0256823-6	1	ELBOW, male (Incl. NUT & SLEEVE)

FUEL TANK & LINES

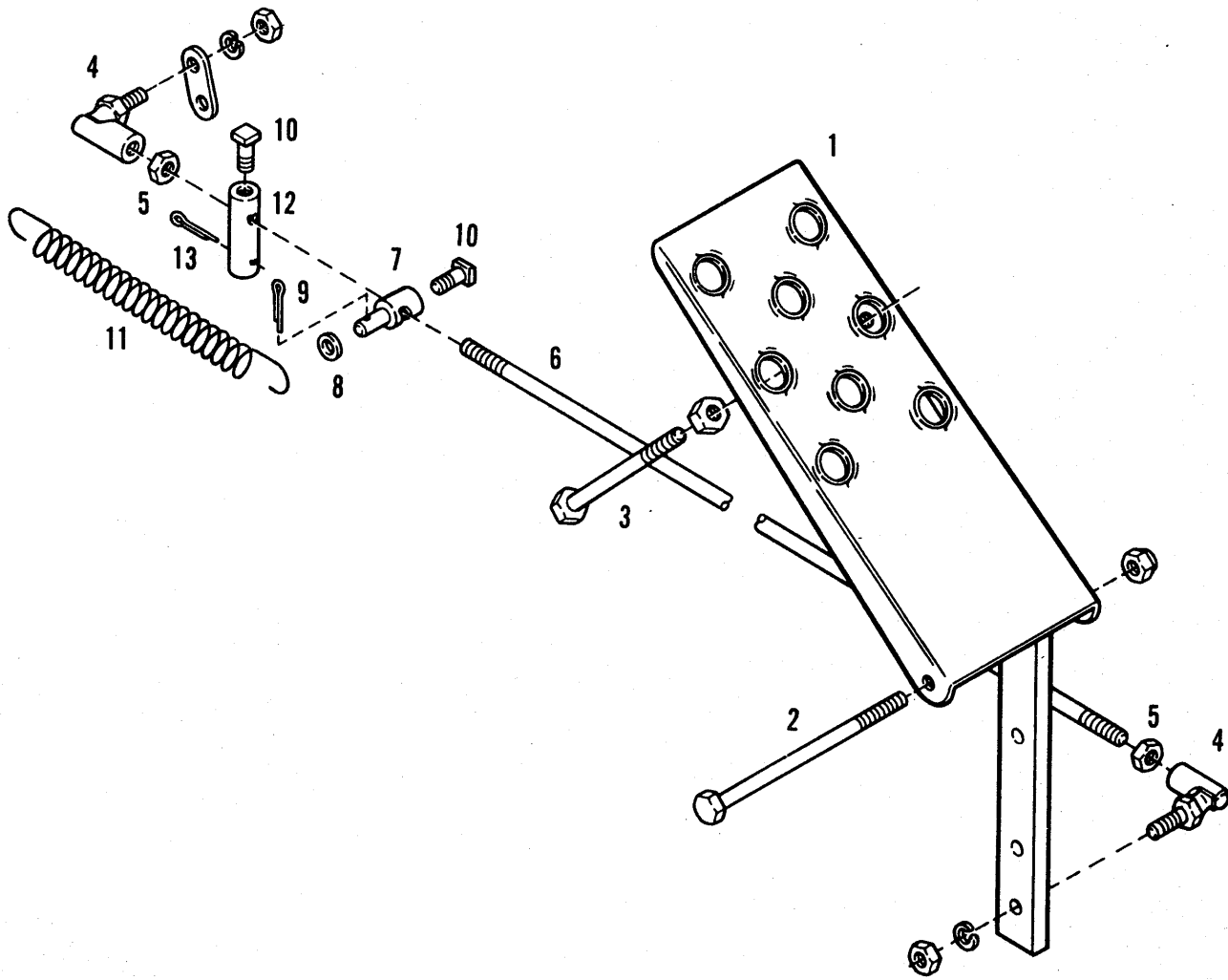


710C, 714C, 715C TRACTORS  
FUEL SYSTEM

FUEL TANK & LINES

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023043-1	1	TANK, fuel (& cap)
	1018021-4	1	CAP, fuel tank
	1015145-4	1	DECAL, diesel
2	1016924-1	2	CLIP
	0921210-1	2	CAPSCREW
	0917378-2	2	LOCKWASHER
	0916950-9	2	NUT
3	1004292-7	2	CLIP, adjust
	0917378-2	2	LOCKWASHER
	0916950-9	2	NUT
4	0934657-8	—	TAPE, cushion (Not serviced)
5	1016925-8	2	STRAP
6	1018032-1	1	SENDING UNIT
	0917452-5	6	SCREW, No. 10NF
	0917365-9	6	LOCKWASHER, No. 10
7	0241522-2	1	GASKET
8	1007863-2	1	WIRE, ground
	0921210-1	1	CAPSCREW
	0916803-0	1	WASHER (shakeproof)
	0916950-9	1	NUT
9	0901467-1	1	NIPPLE
10	0901702-1	1	TEE
11	0910141-1	1	CONNECTOR
12	0910161-9	1	ELBOW
13	0920805-9	2	FITTING, hose barb
14	1023631-3	2	HOSE, vent
	0921910-6	2	CLAMP, vent hose
15	0901826-8	2	BUSHING, pipe
16	0910279-9	1	ELBOW
17	1016926-6	1	HOSE ASY.

ENGINE FUEL CONTROLS



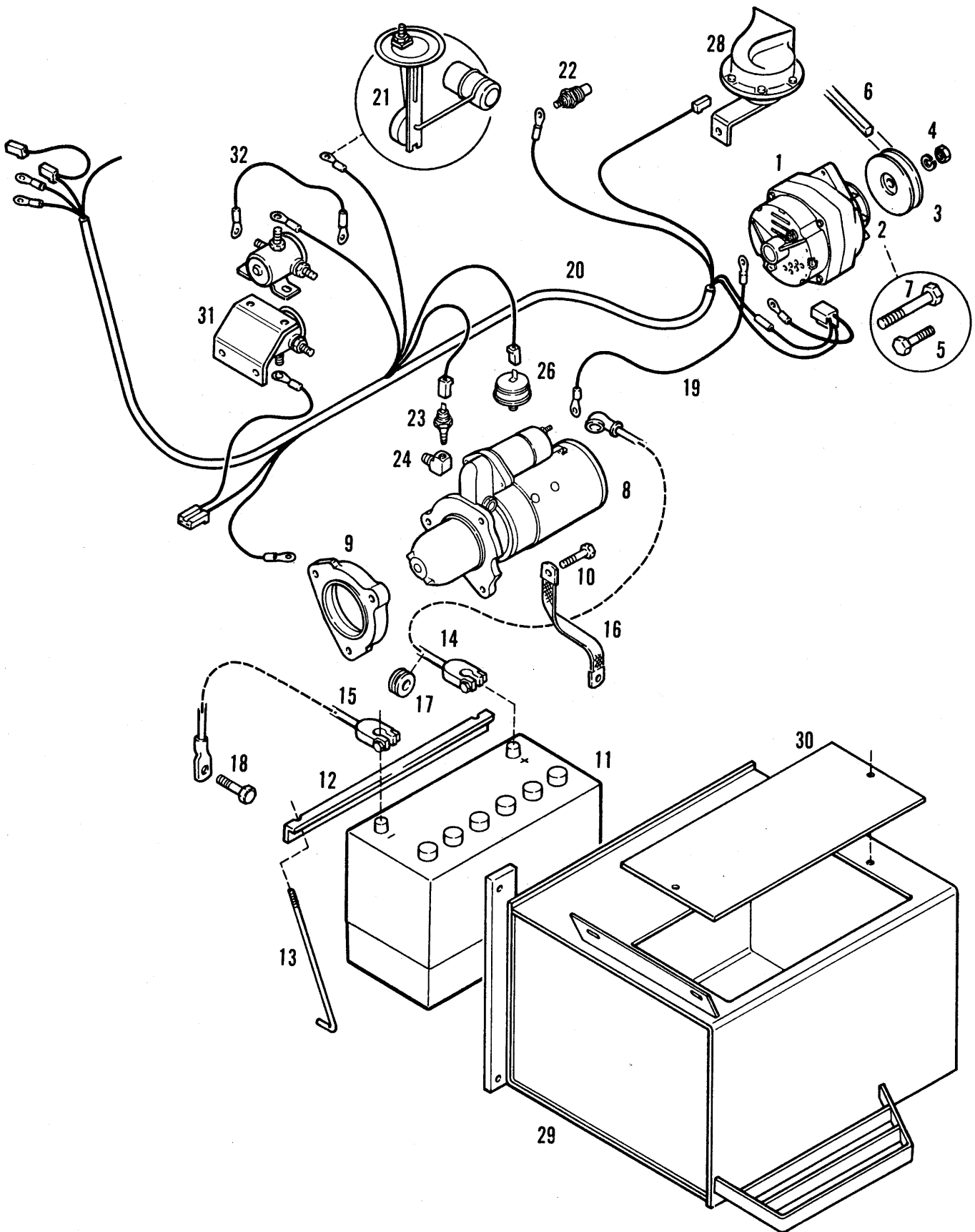
710C, 714C, 715C TRACTORS  
FUEL SYSTEM

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ENGINE FUEL CONTROLS

ITEM	NUMBER	QTY.	DESCRIPTION
1	1022723-9	1	PEDAL ASY., throttle
2	0931645-6	1	CAPSCREW, 1/4NC x 3-3/4
	0920397-7	1	NUT, lock, 1/4NC
3	0923903-9	1	CAPSCREW, 3/8NC x 3
	0923428-7	1	NUT, lock, 3/8NC
4	0925040-8	2	JOINT, ball (Use 1 ea. of 930435, 929045, 918264 & 262983)
	0916964-0	2	LOCKWASHER, 1/4
	0914192-0	2	NUT, 1/4NF
5	0914192-0	2	NUT, jam, 1/4NF
6	1022750-2	1	ROD, throttle
7	0229902-2	1	PIN, governor rod spring
8	0918264-3	1	WASHER
9	0904020-5	1	PIN, cotter
10	0903807-6	2	SETSCREW, 1/4NC x 3/8
11	3014226-9	1	SPRING
12	1023273-4	1	PIN, guide
13	0918448-2	1	PIN, cotter

ELECTRICAL GROUP



710C, 714C, 715C TRACTORS  
ELECTRICAL & INSTRUMENTS

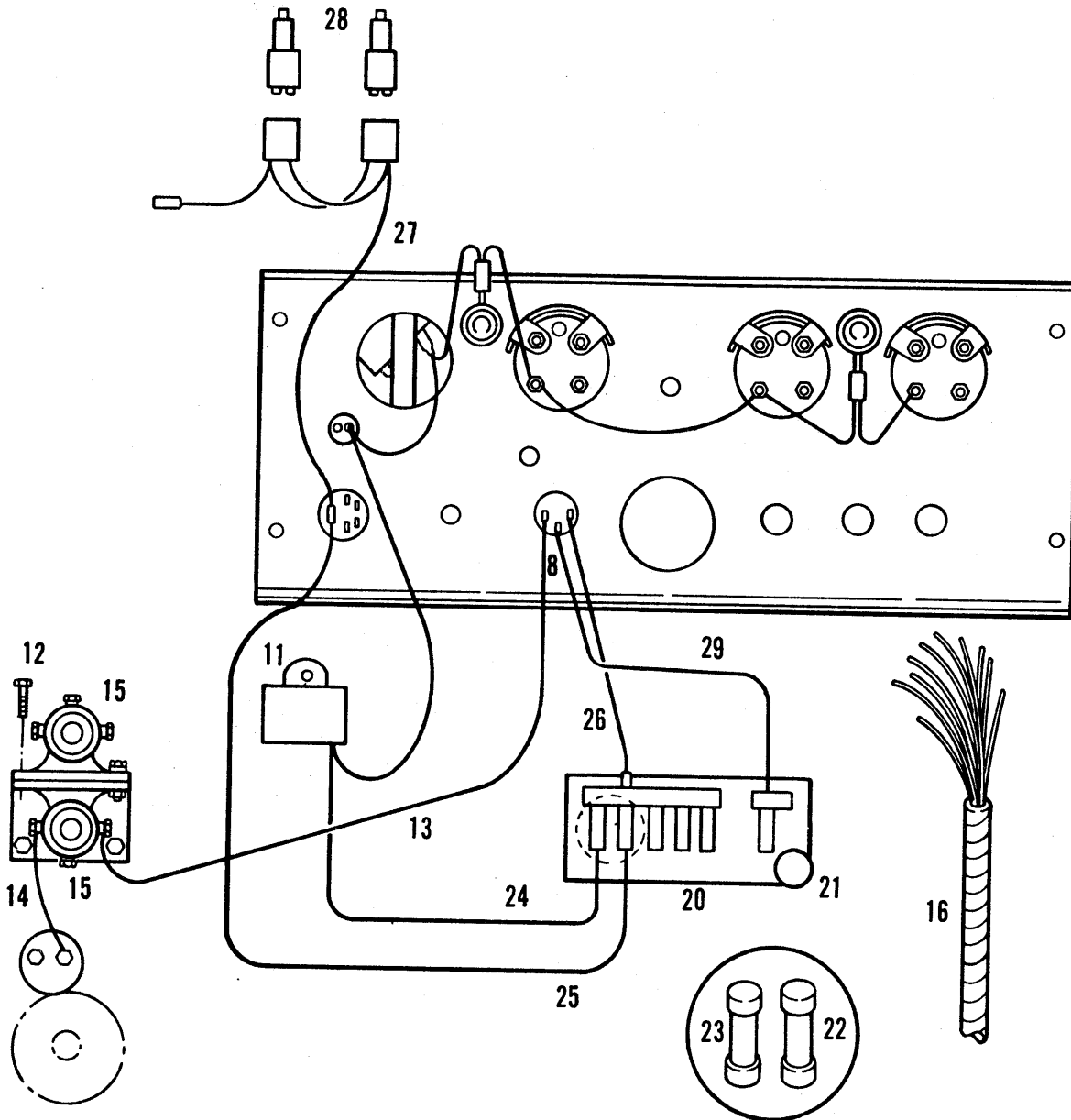
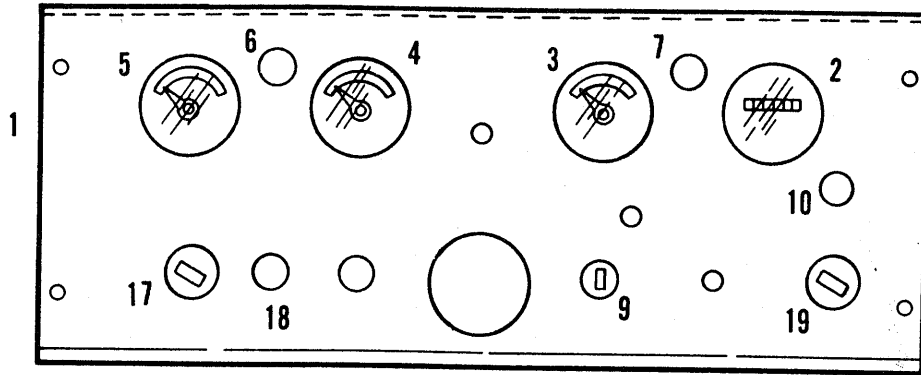
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ELECTRICAL GROUP

ITEM	NUMBER	QTY.	DESCRIPTION
1	1019028-8	1	ALTERNATOR ASY. (Refer to ALTERNATOR ASY. group for component parts)
2	0256650-3	1	FAN, alternator
3	0249693-3	1	PULLEY, alternator
4	4054799-4	1	NUT, shaft
	0237006-2	1	LOCKWASHER
5	0950019-0	1	CAPSCREW, M8-1.25 x 25 mm
	0918265-0	1	WASHER, 5/16
	0917356-8	1	LOCKWASHER, 5/16
6	1011335-5	1	V-BELT
7	0922648-1	1	CAPSCREW, 3/8NC x 4
	0918266-8	1	WASHER, 3/8
	0916965-7	1	LOCKWASHER, 3/8
8	1185417-1	1	MOTOR ASY., starting (Refer to STARTING MOTOR ASY. for component parts)
9	4021190-6	1	SPACER, starter motor
10	0923701-7	3	CAPSCREW, 3/8NC x 2
	0916965-7	3	LOCKWASHER, 3/8
11	0243473-6	1	BATTERY
12	1009244-3	1	CLAMP, battery hold-down
13	0249788-1	2	ROD, battery hold-down
	0918264-3	2	WASHER, 1/4
	0920397-7	2	NUT, lock, 1/4NC
14	1023177-7	1	CABLE, battery to starter
15	1007707-1	1	CABLE, battery
16	1016054-7	1	CABLE, ground, battery box
	0916803-0	1	WASHER, 3/8
17	1009171-8	1	GROMMET
18	0927187-5	1	CAPSCREW, 3/8NC x 1
	0916803-0	1	WASHER, 3/8
	0916950-9	1	NUT, 3/8NC
19	1009277-3	1	WIRE, alternator to starter solenoid
	0917389-9	1	LOCKWASHER, No. 12
	0917376-6	1	NUT, No. 10NC
20	1023069-6	1	HARNESS, wire to engine
21	1018032-1	1	SENDING UNIT, fuel
	0917365-9	1	LOCKWASHER, No. 10
	0916880-8	1	NUT, No. 10NF
22	4760149-7	2	SENDING UNIT, temperature
	0906938-6	2	WASHER, 3/16
	0917365-9	2	LOCKWASHER, No. 10
	0916880-8	2	NUT, No. 10NF
23	4021445-4	1	SWITCH, oil pressure
24	0923690-2	1	ELBOW, st.
25	0925094-5	3	TIE (Not illustrated)
26	0246171-3	1	SWITCH, hourmeter pressure
27	1017947-1	1	WIRE ASY., stop light switch (Not illustrated)
28	1015044-9	1	HORN
29	1023097-7	1	BOX ASY., battery
	0920328-2	4	CAPSCREW, 1/2NC x 1-1/2
	0916951-7	4	NUT, 1/2NC
	0916966-5	4	LOCKWASHER, 1/2
30	1023096-9	1	COVER, battery, box
31	1022788-2	1	BRACKET, solenoid mounting
32	1023136-3	1	WIRE, air heater

710C, 714C, 715C TRACTORS  
ELECTRICAL & INSTRUMENTS

INSTRUMENT PANEL





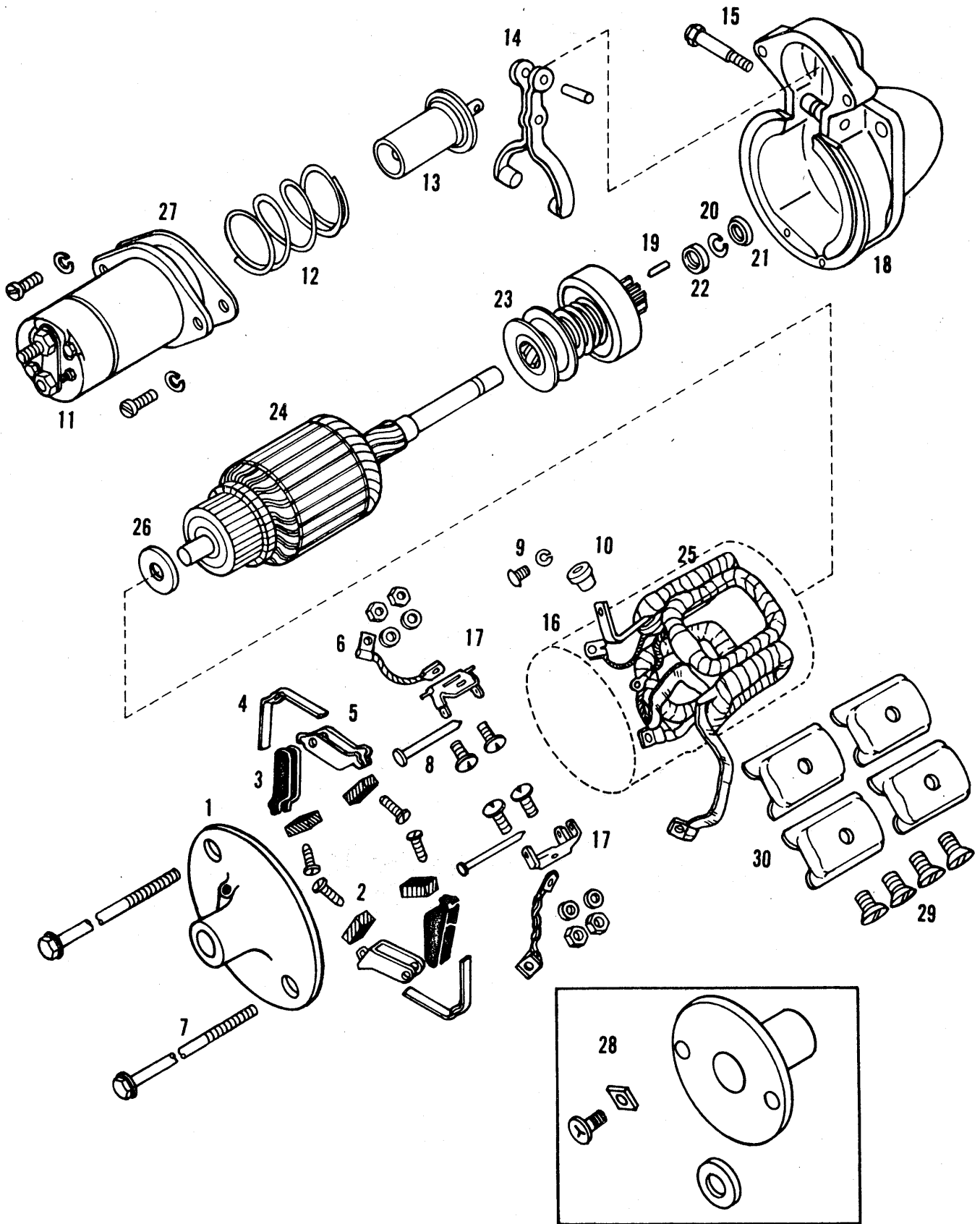
710C, 714C, 715C TRACTORS  
ELECTRICAL & INSTRUMENTS

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INSTRUMENT PANEL

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023125-6	1	PANEL ASY., instrument
	0916532-5	4	CAPSCREW, 1/4NC x 3/4, rd. hd.
	0926018-3	4	NUT, 1/4NC
2	1014664-5	1	METER, hour
3	1003305-8	1	GAUGE, oil temperature
	0920240-9	2	WASHER, int. tooth, No. 6
	0900996-0	2	NUT, No. 6NC
4	4818262-0	1	GAUGE, water temperature
	0920240-9	2	WASHER, int. tooth, No. 6
	0900996-0	2	NUT, No. 6NC
5	4818261-2	1	GAUGE, fuel
	0920240-9	2	WASHER, int. tooth, No. 6
	0900996-0	2	NUT, No. 6NC
6	1008023-2	1	LAMP, warning, engine oil pressure
	-----	1	LAMP, trade No. 1895A
7	1007824-4	1	LAMP, warning, discharge
	-----	1	LAMP, trade No. 1895R
8	0230170-3	1	ADAPTER, terminal
9	0241965-3	1	SWITCH, key
	0246282-8	1	NUT
	0241977-8	1	KEY
10	0253320-6	1	SWITCH, horn
	0253321-4	1	CAP & NUT ASY.
11	1013306-4	1	RESISTOR
12	0923341-2	3	CAPSCREW, 1/4NC x 3/4
	0921880-1	3	WASHER, ext., 1/4
	0916622-4	3	NUT, 1/4NC
13	1009278-1	1	WIRE, jumper (ST to Key)
14	1014662-9	1	WIRE, jumper (Sol. to St.)
15	0261441-0	2	SWITCH, solenoid
16	1023069-6	1	HARNESS, wire to engine
17	1006605-8	1	SWITCH, turn signal
18	1023206-4	1	CABLE ASY., fuel shut off
	1023672-7	1	HANDLE, T (Morse)
	1023673-5	1	HANDLE, T (Cable Craft)
19	1007858-2	1	SWITCH, light
20	1007828-5	1	BLOCK ASY., fuse
	0917448-3	2	SCREW, mach., No. 10NC x 2, rd. hd.
	0923212-5	2	WASHER, No. 10
	0917365-9	2	LOCKWASHER, No. 10
	0916621-6	2	NUT, No. 10NC
21	0248109-1	1	FLASHER
22	-----	2	FUSE, 10 amp (Obtain locally)
23	-----	1	FUSE, 25 amp (Obtain locally)
24	1023135-5	1	WIRE, jumper supply
25	1009283-1	1	WIRE, fuse blk. - WL - SW
26	1009877-0	1	WIRE, jumper, switch to solenoid
	-----	1	FUSE, 10 amp (Obtain locally)
27	1017947-1	1	WIRE ASY., inst. panel to stop light switches
28	1017922-4	2	SWITCH, stop light
29	1012502-9	1	WIRE, KS to fuse

STARTING MOTOR



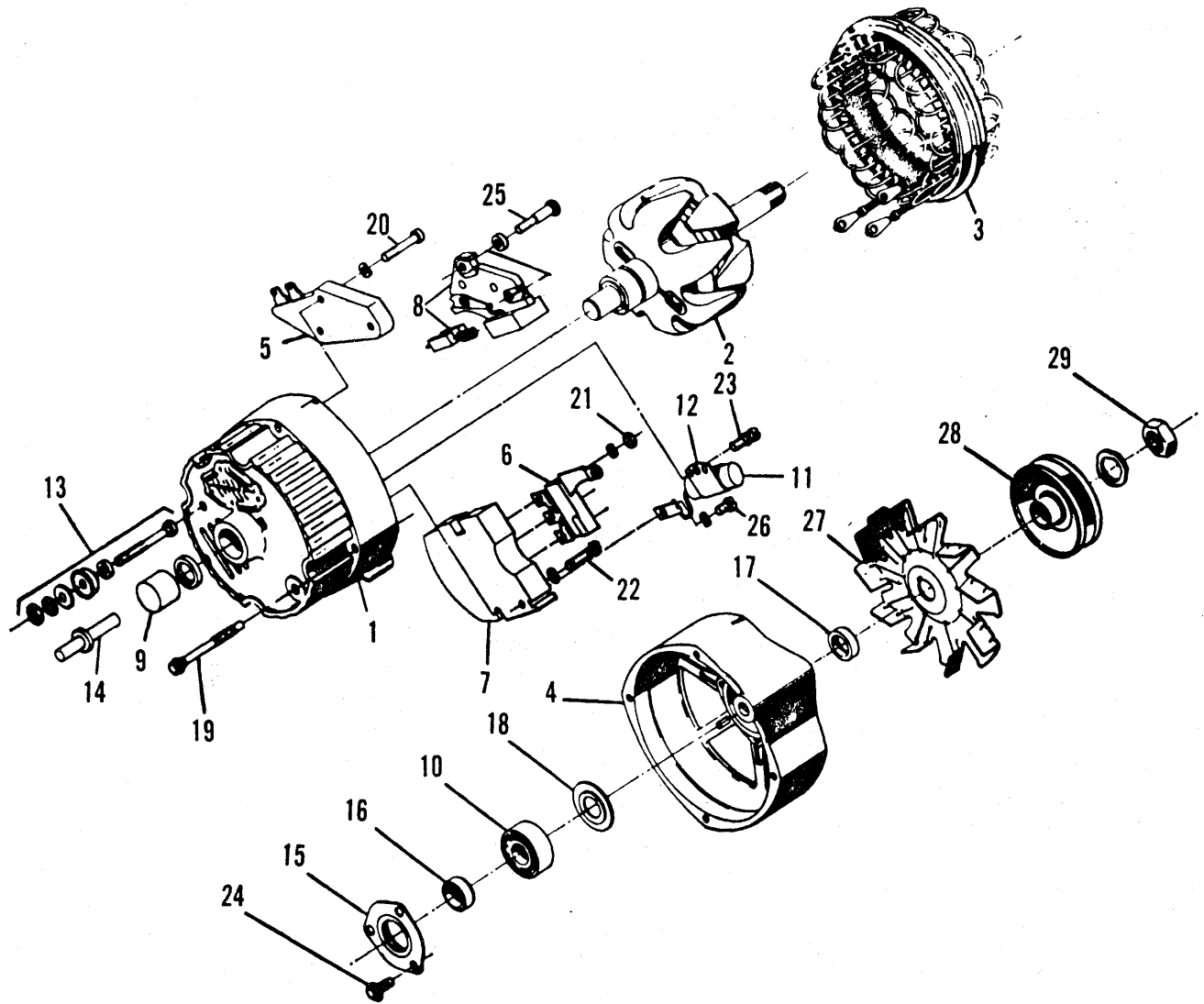
710C, 714C, 715C TRACTORS  
ELECTRICAL & INSTRUMENTS

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STARTING MOTOR

ITEM	NUMBER	QTY.	DESCRIPTION
-	1185417-1	1	MOTOR ASY. (Delco-Remy #1109255)
1	1186983-1	1	FRAME ASY. (Incl. PLUG & WICK)
	4050068-8	1	PLUG, pipe
	0246076-4	1	WICK, frame
2	0236387-7	4	BRUSH
3	0236337-2	2	HOLDER, brush, insulated
	4997165-8	2	SCREW, insulated
4	0236336-4	4	SPRING, brush
5	1186985-6	2	HOLDER, brush, ground
	0930712-5	2	SCREW, thread forming
6	1186984-9	2	LEAD, brush, ground
7	0246100-2	2	BOLT, thru
8	0231315-3	2	PIN, support
9	4997184-9	1	SCREW, connector to switch
10	0246075-6	1	GROMMET, field frame
11	1186987-2	1	SWITCH, solenoid
	0925497-0	2	SCREW, mach., 1/4NC x 1/2
	0916964-0	2	LOCKWASHER, 1/4
12	0243849-7	1	SPRING, plunger
13	0246077-2	1	PLUNGER
14	4998851-2	1	LEVER, shift
	0246078-0	1	PIN, plunger & lever
15	0243848-9	1	STUD, shift lever
	0917356-8	1	LOCKWASHER, 5/16
	0920161-7	1	NUT, jam, 5/16NC
16	1187132-4	1	CONNECTOR, field
17	1186986-4	2	SUPPORT ASY., brush holder (Incl. Items 6, 7, 8 & attaching hardware)
	0916080-5	4	SCREW, rd. hd., No. 10NC x 1/2
	0910533-9	4	LOCKWASHER, No. 10
	0916621-6	4	NUT, No. 10NC
18	1186991-4	1	HOUSING ASY., drive (Incl. BUSHING, PLUG & WICK)
	0243846-3	1	BUSHING
	4050068-8	1	PLUG, pipe
	0241335-9	1	WICK
19	0231239-5	1	PIN, dowel
20	0231329-4	1	RING, retaining
21	1186993-0	1	COLLAR, thrust
22	0231238-7	1	COLLAR, stop
23	1015412-8	1	DRIVE ASY.
24	1186995-5	1	ARMATURE
25	1186997-1	1	COIL ASY., field
26	4055869-4	1	WASHER, brake
27	0243854-7	1	GASKET, solenoid
28	0231258-5	1	BEARING ASY., center
	0231288-2	2	SCREW
	0243844-8	2	LOCKWASHER
	0231260-1	1	WASHER
29	1186996-3	4	SCREW, pole shoe
30	0235837-2	4	SHOE, pole

ALTERNATOR  
42 AMP

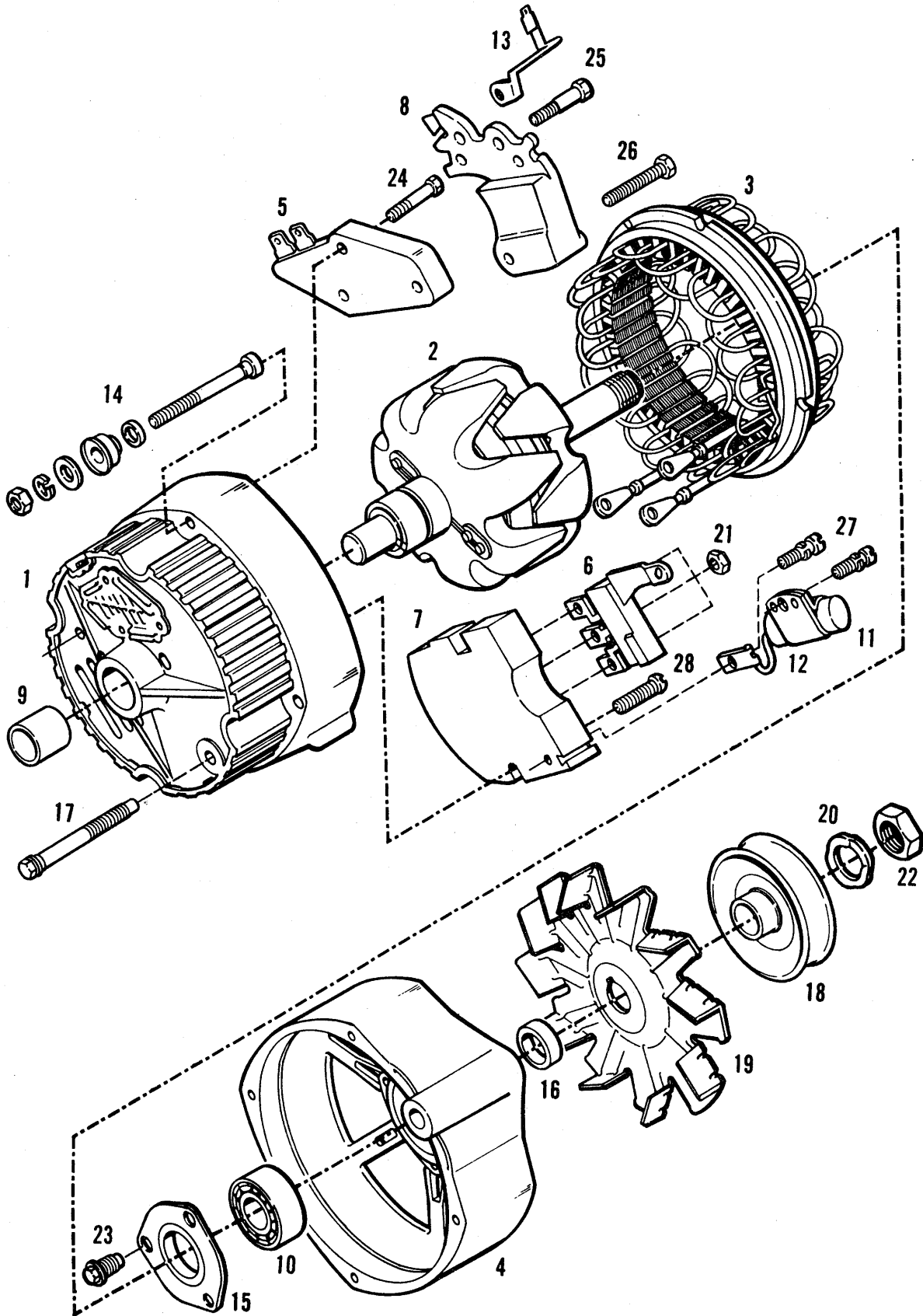


710C, 714C, 715C TRACTORS  
ELECTRICAL & INSTRUMENTS

ALTERNATOR  
42 AMP

ITEM	NUMBER	QTY.	DESCRIPTION
—	1019028-8	1	ALTERNATOR ASY. (42 amp)
1	0262753-7	1	FRAME, slip ring end (Incl. Item 9)
2	1186999-7	1	ROTOR ASY.
3	1017345-8	1	STATOR ASY.
4	0262756-0	1	FRAME, drive end
5	1308106-2	1	REGULATOR
6	1172891-2	1	DIODE, trio
7	1193807-3	1	RECTIFIER, bridge
8	0262167-0	1	BRUSH & HOLDER ASY.
9	0262754-5	1	BEARING, slip rod end
10	0262757-8	1	BEARING, drive end
11	1172896-1	1	CAPACITOR
12	4054848-9	1	BRACKET, capacitor
13	0262755-2	1	TERMINAL PKG., battery
14	0262170-4	1	TERMINAL PKG., relay
15	0242826-6	1	RETAINER ASY., bearing
16	0242828-2	1	COLLAR, inside
17	0262758-6	1	COLLAR, outside
18	1172899-5	1	SLINGER, grease
19	0242838-1	4	BOLT, thru
20	0917385-7	3	NUT, rectifier bridge
	0242831-6	3	LOCKWASHER
21	1173330-0	1	SCREW, rectifier bridge
	0242831-6	1	LOCKWASHER
22	1173329-2	1	SCREW, w/ lockwasher, capacitor
23	0243792-9	3	SCREW, retainer, ball bearing
24	1173328-4	2	SCREW, brush holder
	0262168-8	1	SCREW, brush holder, ground
	0262169-6	1	SCREW, brush holder, pivot
25	1173329-2	1	SCREW, capacitor lead
	0242831-6	1	LOCKWASHER
26	-----	1	FAN, alternator (Refer to ALTERNATOR & STARTER group for components)
27	-----	1	PULLEY, alternator (Refer to ALTERNATOR & STARTER group for components)
28	4054799-4	1	NUT, shaft
	0237006-2	1	LOCKWASHER

ALTERNATOR  
61 AMP



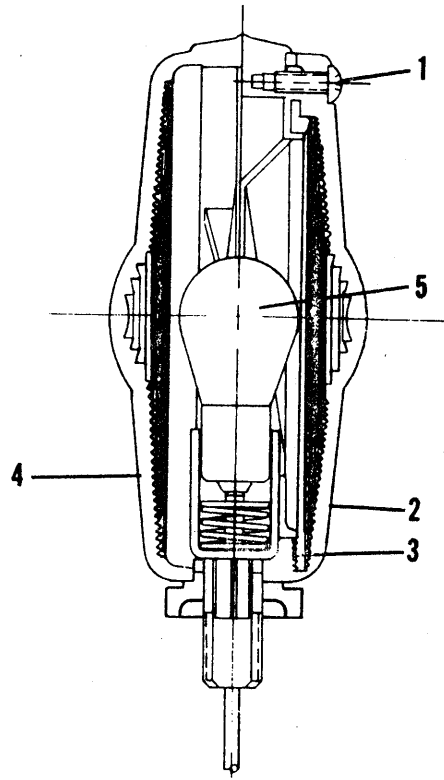
710C, 714C, 715C TRACTORS  
ELECTRICAL & INSTRUMENTS

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ALTERNATOR  
61 AMP

ITEM	NUMBER	QTY.	DESCRIPTION
—	4062308-4	1	ALTERNATOR ASY. (61 amp)
1	0262753-7	1	FRAME, slip ring end (Incl. Items 9 thru 14)
2	1305665-0	1	ROTOR ASY.
3	0262165-4	1	STATOR ASY.
4	0262756-0	1	FRAME, drive end
5	1308106-2	1	REGULATOR
6	1172891-2	1	DIODE, trio
7	1193807-3	1	RECTIFIER, bridge
8	0262167-0	1	BRUSH & HOLDER ASY.
9	0262754-5	1	BEARING, slip rod end
10	0262757-8	1	BEARING, drive end
11	1023851-7	1	CAPACITOR
12	4054848-9	1	BRACKET, capacitor
13	0262170-4	1	TERMINAL PKG., relay
14	0262755-2	1	TERMINAL PKG., battery
15	0242826-6	1	RETAINER ASY., bearing
16	0262758-6	1	COLLAR, outside
17	0242838-1	4	BOLT, thru
18	-----	1	PULLEY (Refer to ALTERNATOR & STARTER Group)
19	-----	1	FAN (Refer to ALTERNATOR & STARTER Group)
20	0237006-2	1	LOCKWASHER, shaft nut
21	0917385-7	3	NUT, rectifier bridge
22	4054799-4	1	NUT, shaft
23	0243792-9	3	SCREW, ball bearing, retainer
24	0262168-8	3	SCREW & LOCKWASHER, regulator attach., ground
25	1173328-4	2	SCREW, brush holder (Insul.)
26	0262169-6	1	SCREW, brush holder (Pivot)
27	1173329-2	2	SCREW & LOCKWASHER, capacitor bracket
28	1173330-0	1	SCREW & WASHER, rectifier bridge, attach.
29	4911672-6	1	BRUSH & ARM (Not illustrated)

LAMP ASSEMBLY, WARNING





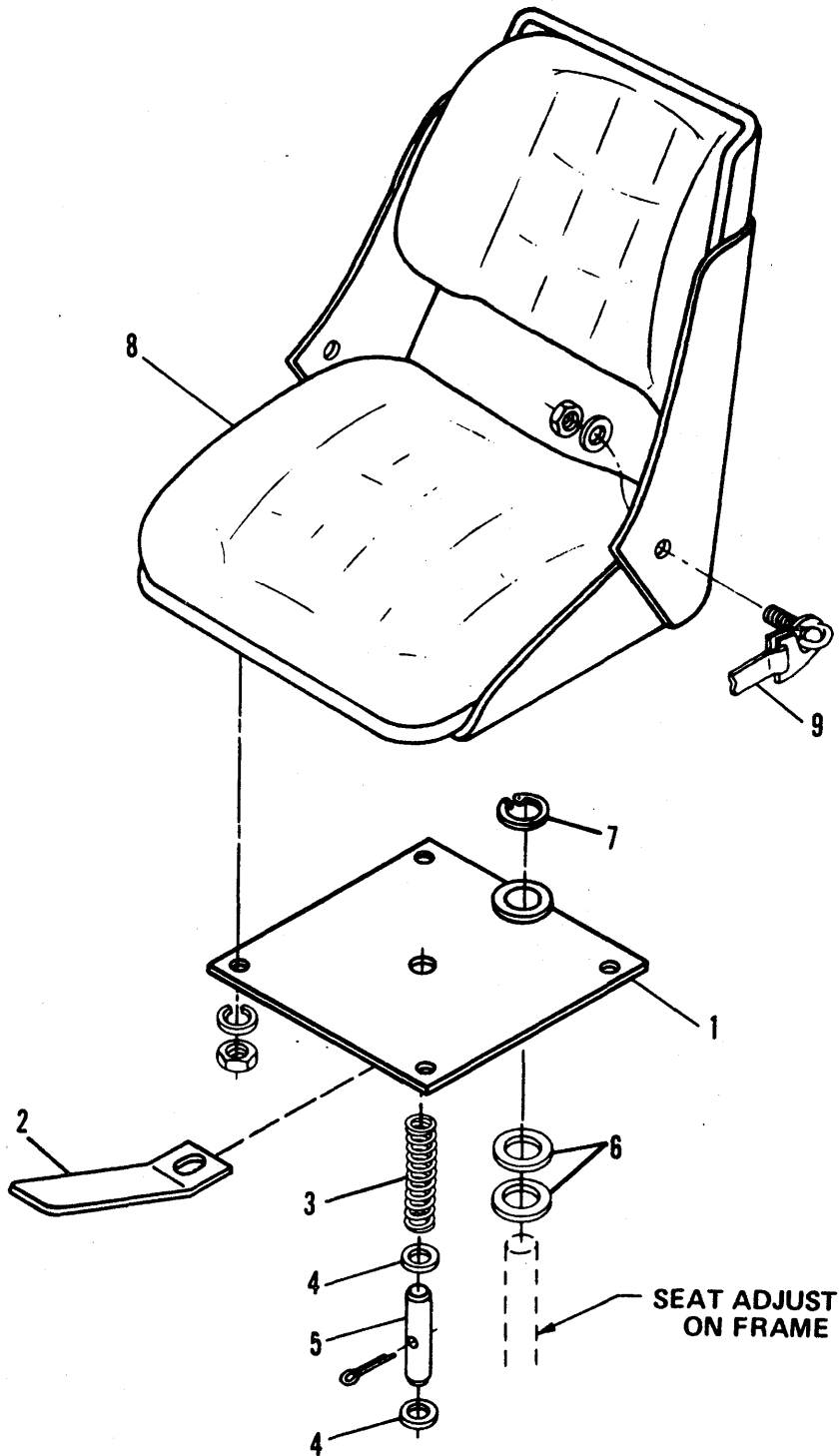
710C, 714C, 715C TRACTORS  
ELECTRICAL & INSTRUMENTS

99

LAMP ASSEMBLY, WARNING

ITEM	NUMBER	QTY.	DESCRIPTION
-	1006649-6	2	LAMP ASY., warning
1	-----	3	SCREW
2	-----	1	LENS, amber
3	-----	1	GASKET
4	-----	1	BODY ASY.
5	-----	1	BULB

SEAT & SEAT SUPPORT



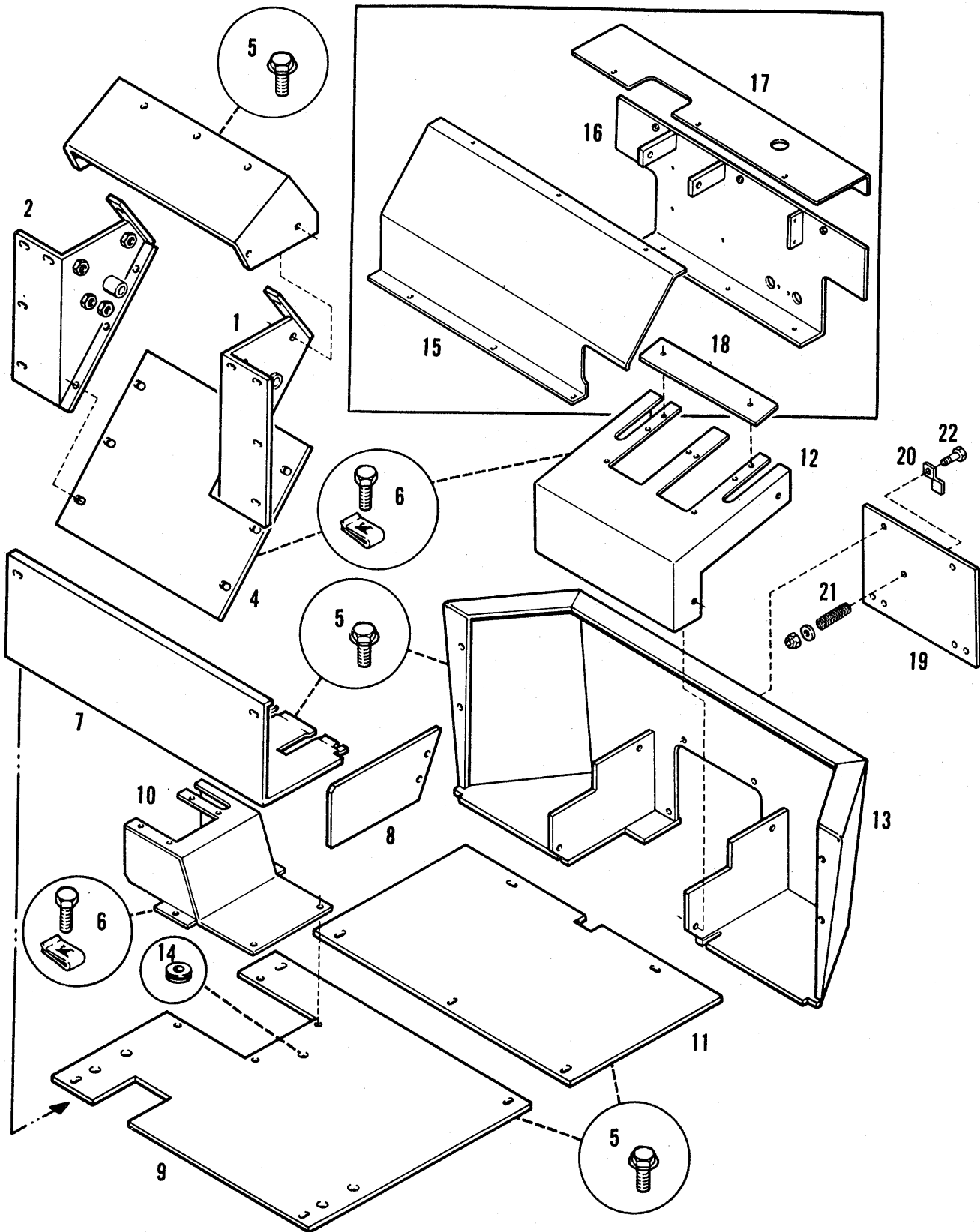
710C, 714C, 715C TRACTORS  
SHEET METAL, FRAME & SEAT

101

SEAT & SEAT SUPPORT

ITEM	NUMBER	QTY.	DESCRIPTION
1	1015976-2	1	SUPPORT ASY., seat
2	1016196-6	1	LEVER, seat
3	1008964-7	1	SPRING
4	0918268-4	2	WASHER, 21/32 x 1-5/16 x 5/8
5	1008961-3	1	PIN, lock, seat
	0925719-7	1	PIN, cotter, 1/8 x 2
6	1008970-4	2	BUSHING, thrust
	0922679-6	2	WASHER, flat, 17/32 x 2-1/2 x No. 12
7	0928179-1	1	RING, snap
8	1008024-0	1	SEAT ASY.
	0269925-4	1	CUSHION, seat
	0269926-2	1	BACKREST
	1015965-5	1	RAIL, L.H.
	1015964-8	1	RAIL, R.H.
	1015968-9	1	ADJUSTER, R.H.
	1015967-1	1	ADJUSTER, L.H.
	1015969-7	1	ROD
	0925205-7	14	CAPSCREW, 5/16NC x 5/8
	0917356-8	10	LOCKWASHER, 5/16
	0917372-5	10	NUT, 5/16NC
9	1014427-7	1	SEAT BELT ASY.

PLATFORM



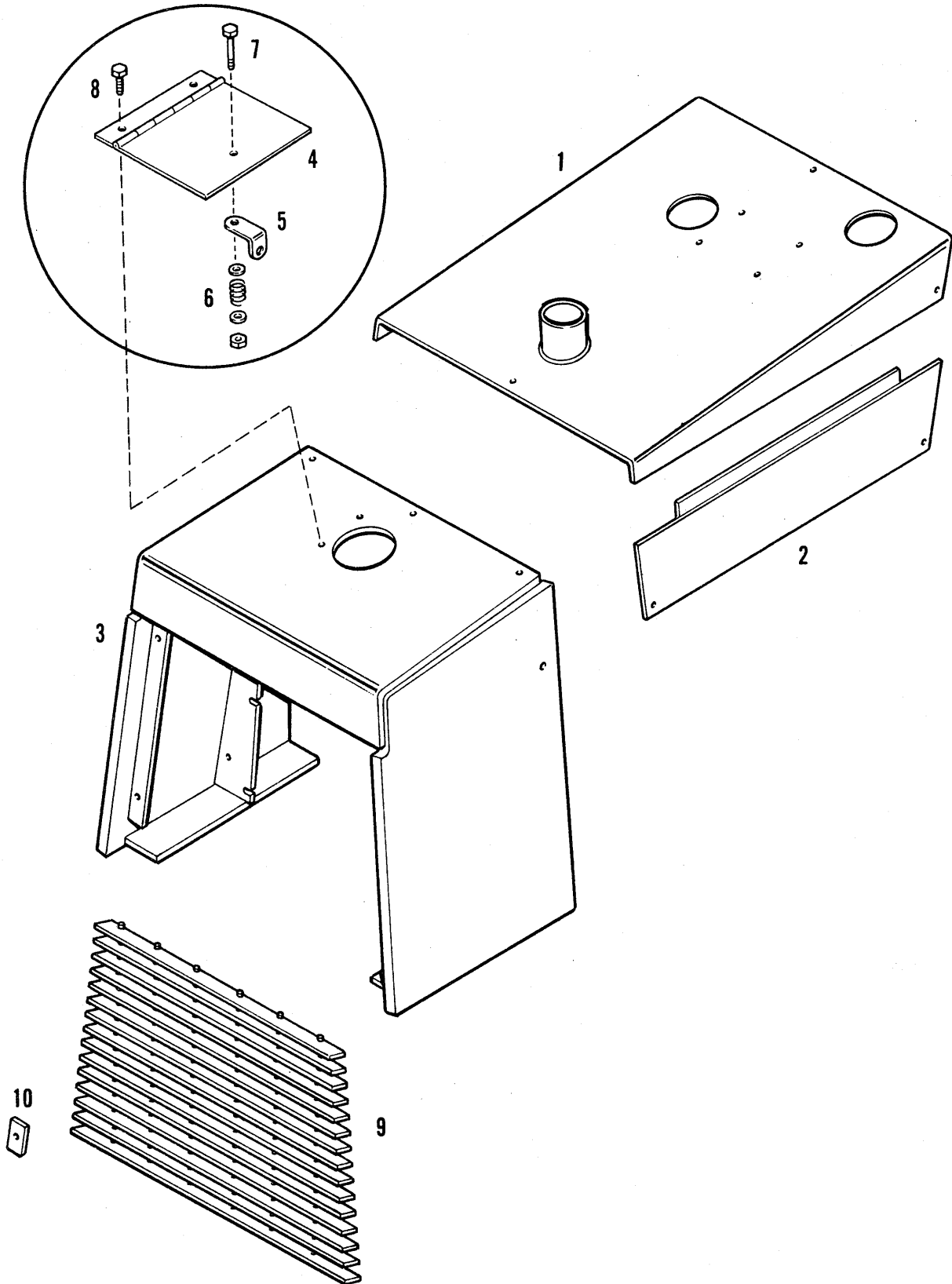
710C, 714C, 715C TRACTORS  
SHEET METAL, FRAME & SEAT

103

PLATFORM

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023308-8	1	PANEL ASY., L.H.
2	1016812-8	1	PANEL ASY., R.H.
3	1016807-8	1	COVER, console, upper
4	1016808-6	1	COVER, console, lower
5	0927187-5	28	CAPSCREW, 3/8NC x 1 (30 for 710C)
6	0923341-2	14	CAPSCREW, 1/4NC x 3/4 (10 for 710C)
	0926018-3	14	NUT, 1/4NC (10 for 710C)
7	1017945-5	1	PLATE, floor, front
8	1017954-7	2	COVER, side
	0921332-3	4	CAPSCREW, 5/16NC x 3/4, pltd.
	0917356-8	4	LOCKWASHER, 5/16
	0917372-5	4	NUT, 5/16NC
9	1023312-0	1	PLATE, floor, center
10	1023398-9	1	COVER ASY.
11	1014497-0	1	PLATE, floor, rear (714C-715C)
12	1023386-4	1	COVER, BH console (714C-715C)
13	1023389-8	1	WRAPPER ASY., rear (714C-715C)
	0918266-8	4	WASHER, flat, 3/8
	0916965-7	4	LOCKWASHER, 3/8
	0916950-9	4	NUT, 3/8NC
14	0929810-0	1	GROMMET
15	1022860-9	1	COVER (710C)
16	1023390-6	1	WRAPPER ASY., rear (710C)
	0918266-8	4	WASHER, flat, 3/8
	0916965-7	4	LOCKWASHER, 3/8NC
	0916950-9	4	NUT, 3/8NC
17	1022834-4	1	COVER (710C)
18	1023360-9	1	COVER, 714C, 715C
	0930714-1	2	CAPSCREW, No. 10 x 3/4
	0920299-5	2	NUT, No. 10
19	1023388-0	1	COVER, 714C, 715C
	0923341-2	4	CAPSCREW, 1/4NC x 3/4
	0926018-3	4	NUT, speed, 1/4NC
20	1023784-0	1	LATCH
21	1017243-5	1	SPRING
22	0921971-8	1	CAPSCREW, 3/8NC x 1-3/4
	0918266-8	1	FLATWASHER, 3/8
	0919439-0	1	NUT, lock, 3/8NC

HOOD & GRILLE

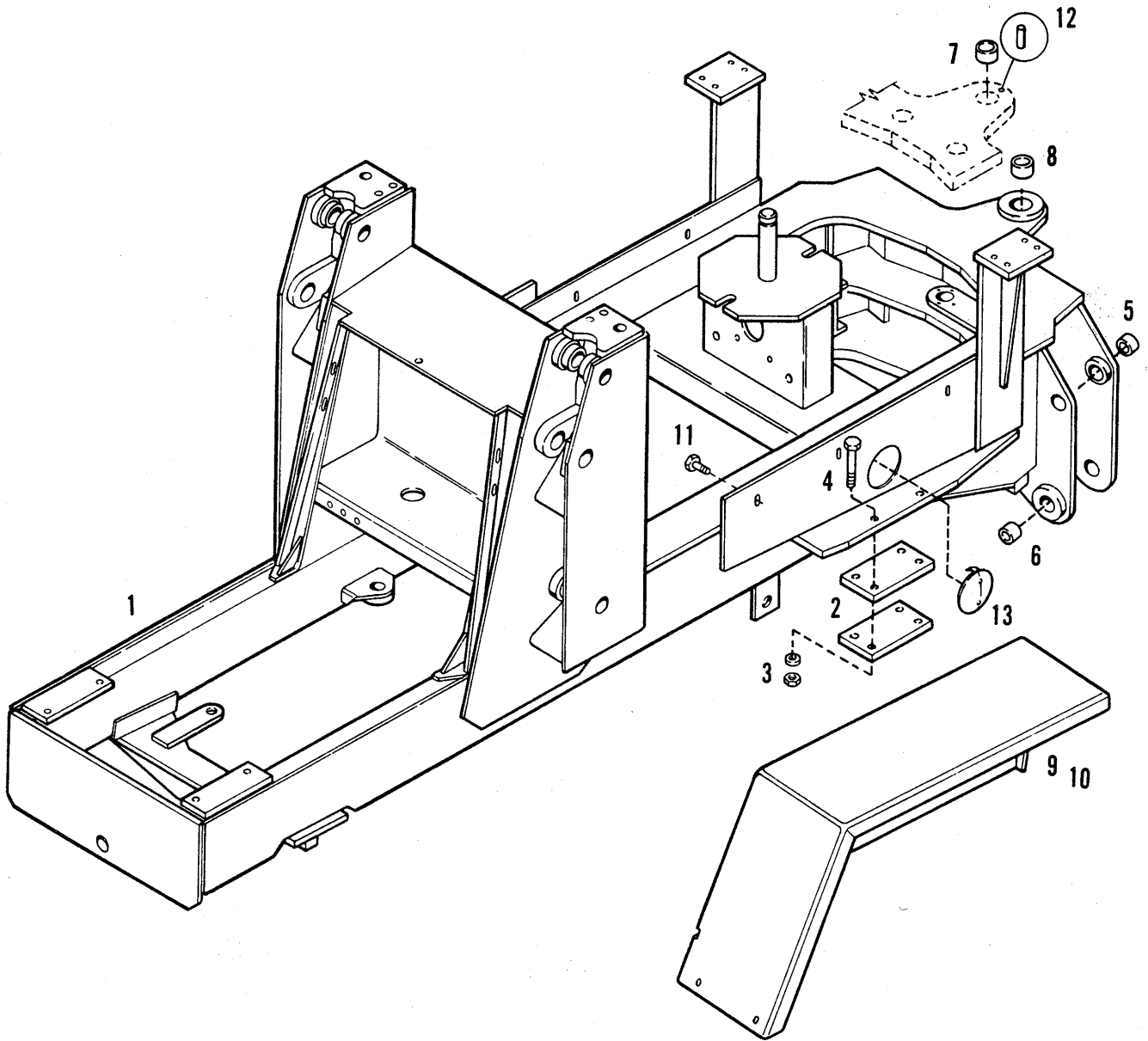


710C, 714C, 715C TRACTORS  
SHEET METAL, FRAME & SEAT

HOOD & GRILLE

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023077-9	1	HOOD
	-----	1	TAPE, cushion (Not serviced)
	0921210-1	5	CAPSCREW, 3/8NC x 1
	0918266-8	5	WASHER, plain, 3/8 SAE
	0916965-7	5	LOCKWASHER, 3/8
	0916950-9	5	NUT, 3/8NC
2	1022817-9	1	EXTENSION, hood - air cleaner access
	0927187-5	2	CAPSCREW
	0918266-8	2	WASHER, plain, 3/8 SAE
3	1022247-9	1	SHEEL ASY., front (714C - 715C)
	1022263-6	1	SHELL ASY., front 710C)
	0919089-3	4	CAPSCREW, 1/2NC x 1-3/4
	0917379-0	4	WASHER, flat, 1/2
	0916966-5	4	LOCKWASHER, 1/2
	0916951-7	4	NUT, 1/2NC
4	1023038-1	1	COVER, hinged
5	1003417-1	1	HASP
6	1017243-5	1	SPRING, comp.
7	0921971-8	1	CAPSCREW, 3/8NC x 1-3/4
	0918266-8	2	WASHER, flat, 3/8
	0919439-0	1	LOCKNUT, 3/8NC
8	0921210-1	2	CAPSCREW, 3/8NC x 1
	0919439-0	2	LOCKNUT, 3/8NC
9	1022861-7	1	GRILLE
10	1009085-0	4	RETAINER, grille
	0923701-7	4	CAPSCREW, 3/8NC x 2
	0916965-7	4	LOCKWASHER, 3/8

FRAME, FENDERS & MOUNTING





710C, 714C, 715C TRACTORS  
SHEET METAL, FRAME & SEAT

107

FRAME, FENDERS & MOUNTING

ITEM	NUMBER	QTY.	DESCRIPTION
1	1022200-8	1	FRAME, main (714C, 715C)
	1022250-3	1	FRAME, main (710C)
2	1022215-6	4	SEAT ASY., rear axle
3	1003219-1	16	WASHER
4	0929141-0	8	CAPSCREW, 3/4NF x10
	1010930-4	8	NUT, 3/4NF
5	1001137-7	4	BUSHING, 1-1/2 I.D. x1-1/2 long (714C, 715C)
6	1001115-3	6	BUSHING, 2 I.D. x 15/32 long (714C, 715C)
7	1004080-6	2	BUSHING, 2 I.D. x 2 long (714C, 715C)
8	1008020-8	2	BUSHING, 2-1/4 I.D. x1-1/16 long (714C, 715C)
9	1016672-6	1	FENDER ASY., R.H.
10	1016673-4	1	FENDER ASY., L.H.
11	0921210-1	16	CAPSCREW, 3/8NC x1
	0918266-8	16	WASHER, plain, 3/8 SAE
	0916965-7	16	LOCKWASHER, 3/8
	0916950-9	16	NUT, 3/8NC
12	0930917-0	1	PIN, dowel
13	0253537-5	2	COVER, rear axle bolt

DECALS

**⚠ DANGER**

1. STAY CLEAR OF P.T.O. WHEN ENGINE IS RUNNING.
2. SHUT OFF ENGINE BEFORE HOOKING UP IMPLEMENTS OR MAKING REPAIRS.
3. P.T.O. SHIELD MUST BE IN PLACE AT ALL TIMES.

29

28

POWER TAKE-OFF

21

FLOAT  
LOWER  
LOAD DUMP  
RAISE

7

**⚠ WARNING**

No Riders

17

**⚠ WARNING**

STAY CLEAR OF FAN AND BELTS WHILE ENGINE IS RUNNING

27

**POWER TAKE-OFF**

MAXIMUM OUTPUT 25 H.P.

P.T.O. SHAFT SPEED - 540 R.P.M.  
AT ENGINE SPEED OF 2100 R.P.M.

P.T.O. SPEED IS CONTROLLED BY ENGINE SPEED. SHUT OFF ENGINE BEFORE SERVICING P.T.O. DRIVEN EQUIPMENT.

23

**⚠ CAUTION**

PRESSURIZED COOLING SYSTEM  
REMOVE CAP SLOWLY

13

**⚠ WARNING**

Do not service or repair this equipment with attachments in raised position unless they are securely blocked.

8

**⚠ WARNING**

BEFORE DISMOUNTING MACHINE

1. Lower all attachments to ground.
2. Place all controls in neutral position.
3. Engage parking brake.
4. Shut off engine.

16

**⚠ DANGER**

DO NOT OPERATE THIS MACHINE WITHOUT SEAT BELT FASTENED

9

**⚠ WARNING**

DO NOT TOW

Towing or coasting this vehicle at speeds in excess of its normal road speed may damage the power train.

10

**714**

18

ALLIS-CHALMERS

22

POWER SHUTTLE AND TORQUE CONVERTER OIL LEVEL

ADD FULL

Check oil level at operating temperature with machine parked on a level surface, four-speed box in neutral and parking brake engaged. Checking procedure:

1. With engine idling, shift direction control lever to forward and reverse, then to neutral.
2. Withdraw dipstick and wipe dry.
3. Shut off engine and immediately insert dipstick fully into tube and withdraw to check oil level.
4. Maintain oil level between "add" and "full" marks with Dexron automatic transmission fluid. Oil levels outside these marks may cause erratic operation.

19

**⚠ WARNING**

Do not mount or dismount backhoe from the rear. Keep away from swing area when engine is running.

24 **TURBO**

3

GLOW PLUG

1. 15 SEC
2. START

25

14 **DIESEL FUEL**

26

12 **HYDRAULIC OIL**

4

LIGHTS

5

1

LEFT RIGHT

2

OFF RUN START

6 **ALLIS-CHALMERS**

710C, 714C, 715C TRACTORS  
SHEET METAL, FRAME & SEAT

DECALS

ITEM	NUMBER	QTY.	DESCRIPTION
-	1023688-3	1	DECAL KIT
1	1016934-0	1	DECAL, turn signals
2	1016935-7	1	DECAL, key switch
3	1016938-1	1	DECAL, horn
4	1016937-3	1	DECAL, flood lights
5	1016939-9	1	DECAL, forward-reverse
6	1018914-0	3	DECAL, Allis-Chalmers
7	1015144-7	1	DECAL, No Riders
8	1015119-9	1	DECAL, Before Dismount
9	1015118-1	1	DECAL, Do Not Tow
10	1009255-9	2	DECAL, 715 (Serviced in KIT only)
	1019183-1	2	DECAL, 714
	1023380-7	2	DECAL, 710
11	1018916-5	2	DECAL, Series C (Not illustrated)
12	1015147-0	1	DECAL, hydraulic oil
13	1015117-3	2	DECAL, Do Not Service
14	1015145-4	1	DECAL, diesel fuel
15	1023122-3	1	DECAL, operator's manual (Not illustrated)
16	1023296-5	1	DECAL, seat belt
17	1018145-1	2	DECAL, fan
18	0924457-5	2	DECAL, Allis-Chalmers
19	1015116-5	1	DECAL, Do Not Mount
20	1016941-5	1	DECAL, backhoe control (Not illustrated)
21	1016940-7	1	DECAL, loader instructions
22	1019499-1	1	DECAL, oil level
23	1023118-1	1	DECAL, pressure system
24	1023215-5	1	DECAL, turbo
25	1022534-0	1	DECAL, glow-plug
26	1023366-6	1	DECAL, throttle
27	1019924-8	1	DECAL, 540 R.P.M. - P.T.O.
28	1019555-0	1	DECAL, P.T.O. Inst.
29	1019556-8	1	DECAL, danger
30	1023602-4	1	DECAL, other start (Not illustrated)
31	1018777-1	1	DECAL, control (Not illustrated)
32	1021499-7	1	CASE, manual (Not illustrated)
	0917388-1	4	SCREW, mach., rd. hd.
	0917365-9	4	LOCKWASHER, No. 10
	0926621-4	4	NUT, No. 10NC

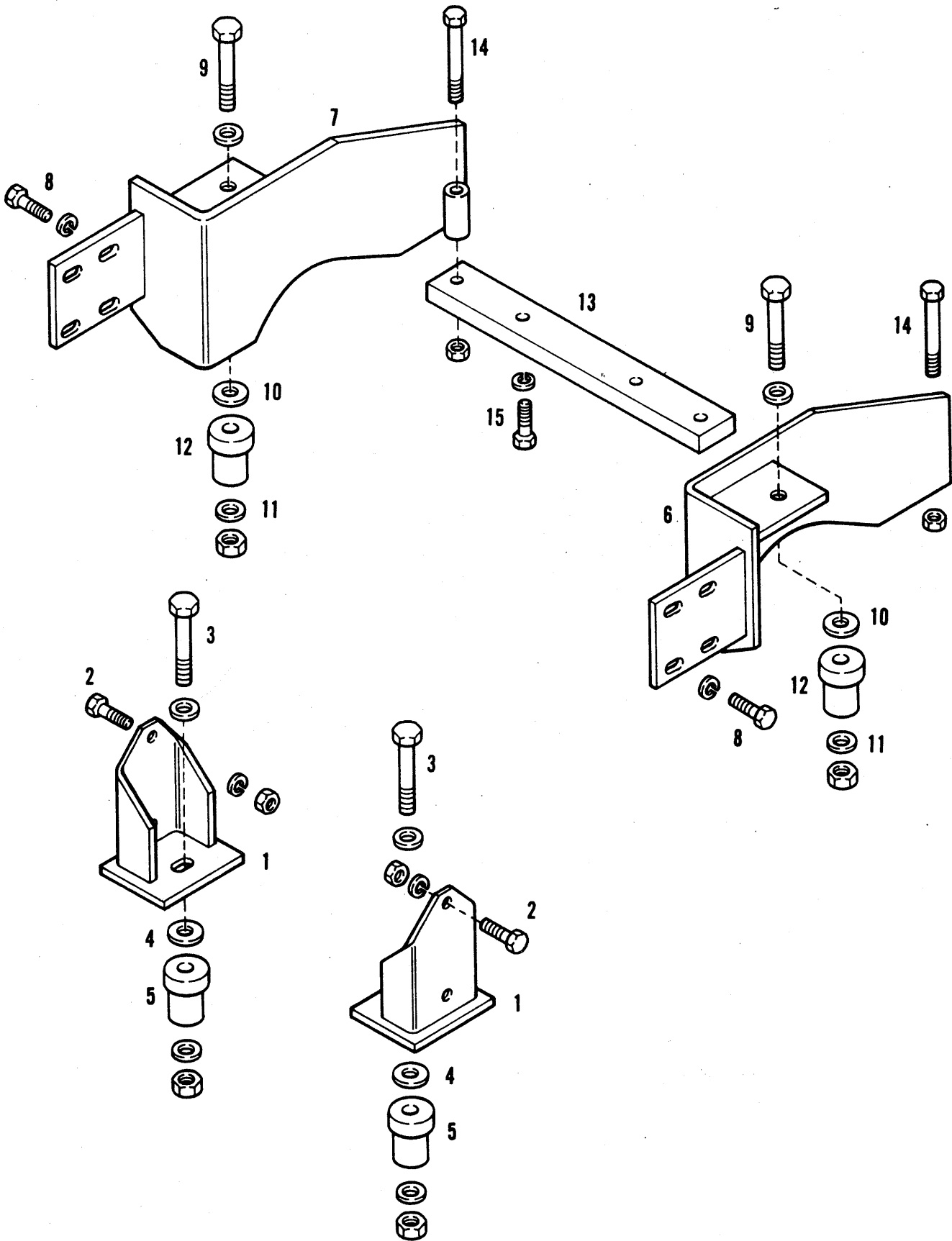


710C, 714C, 715C TRACTORS  
SHEET METAL, FRAME & SEAT

ROLLOVER STRUCTURE, CANOPY & LIGHTS

ITEM	NUMBER	QTY.	DESCRIPTION
1	0919089-3	8	CAPSCREW, 1/2NC x 1-3/4
	0922304-1	8	NUT, 1/2NC
2	0925872-4	4	CAPSCREW, 3/4NC x 2-1/4
	0919332-7	4	LOCKWASHER, 3/4
3	-----	1	DECAL, rollover protective structure (Not serviced)
4	1018833-2	1	WIRE
5	0930871-9	4	WRAP, tie - wiring
6	1016948-0	4	WIRE, ground
7	1004412-1	4	LAMP, flood
	0917365-9	12	LOCKWASHER, No. 10
	0916621-6	12	NUT, No. 10NC
8	1017921-6	1	BRACKET, mounting, stop light
	0916532-5	2	SCREW, rd. hd., 1/4NC x 3/4
	0921880-1	2	LOCKWASHER, star, 1/4
	0916622-4	2	NUT, 1/4NC
9	1006400-4	1	LAMP, tail
	0927149-5	3	SCREW, rd. hd., No. 8NC x 1/2
	0917365-9	3	LOCKWASHER, No. 10
	0916621-6	3	NUT, No. 10NC
10	0248111-7	2	WASHER, rubber
11	1006649-6	2	LAMP, warning
	0920428-0	2	LOCKWASHER, 1/2
	0919262-6	2	NUT, jam, 1/2NC
12	1017334-2	1	R.O.P.S. ASY.

POWER TRAIN MOUNTING



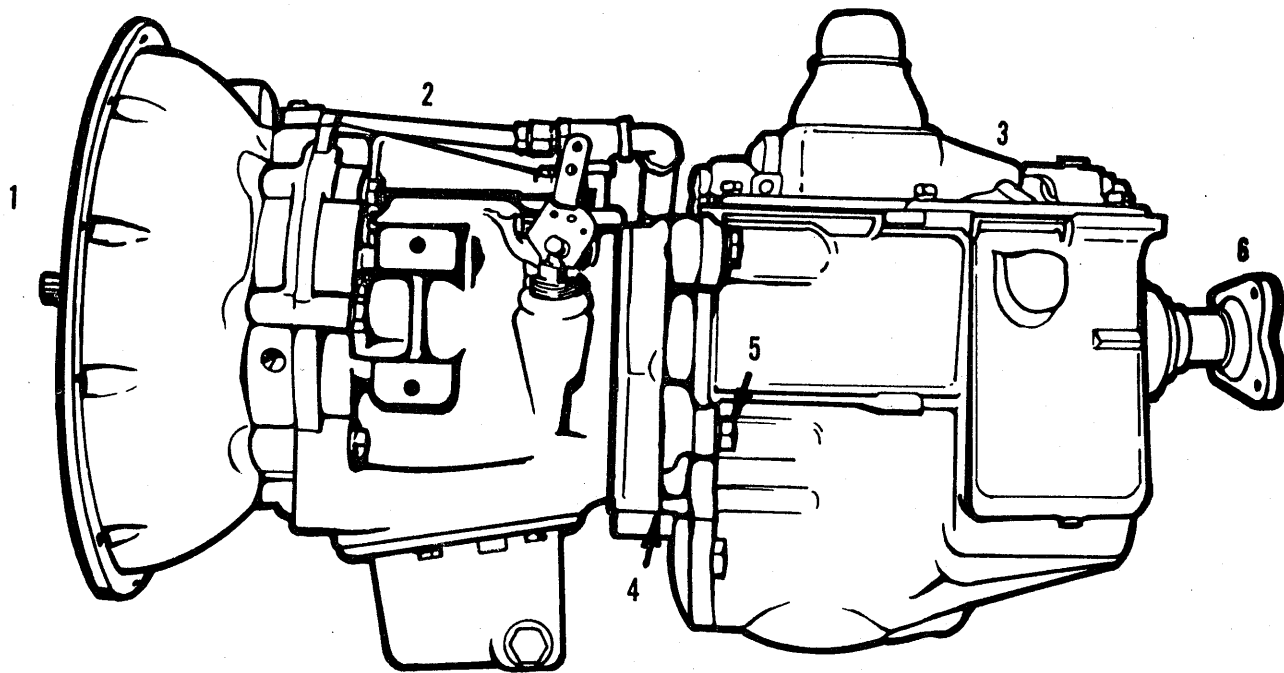
710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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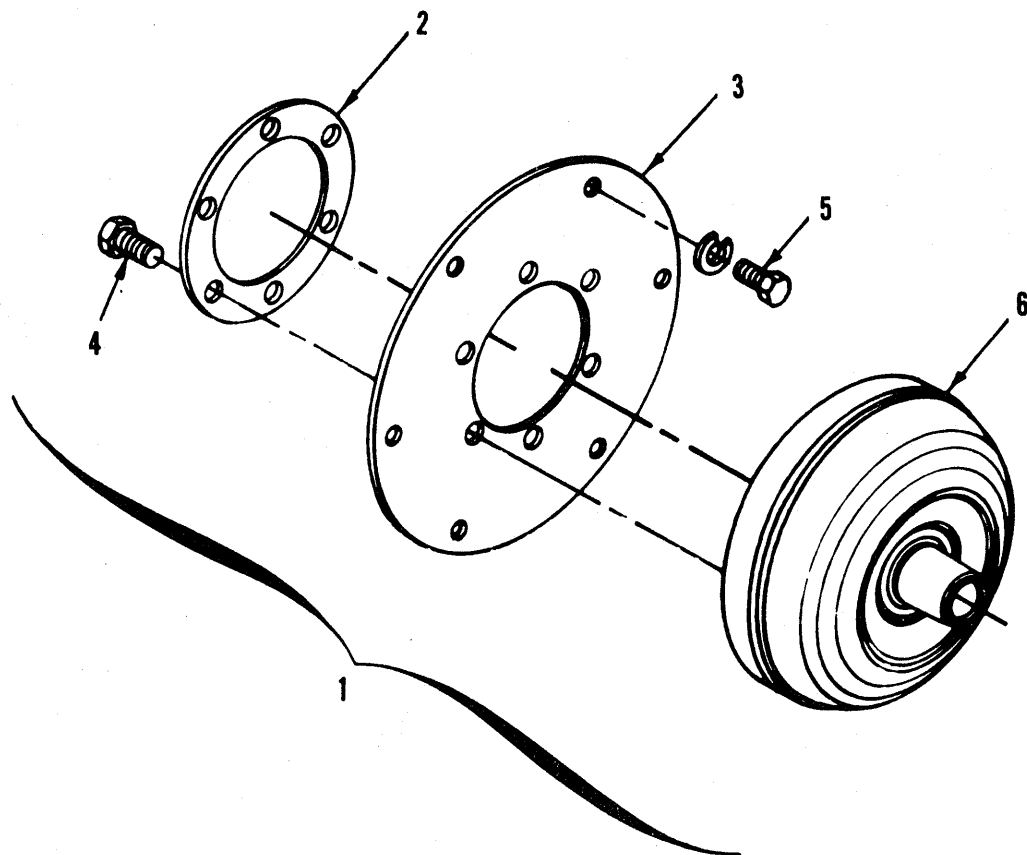
POWER TRAIN MOUNTING

ITEM	NUMBER	QTY.	DESCRIPTION
1	1022308-9	2	BRACKET, mounting, R.H. & L.H.
2	0921176-4	4	CAPSCREW, 1/2NC x 1-1/4
	0916966-5	4	LOCKWASHER, 1/2
	0916951-7	4	NUT, 1/2NC
3	0921761-3	2	CAPSCREW, 1/2NF x 3-1/4
	0917379-0	2	WASHER, flat, 17/32 x 1-1/16 x 3/32
	0915315-6	2	NUT, 1/2NF
4	1018971-0	4	WASHER, front
5	1018969-4	2	MOUNT, front
6	1022301-4	1	BRACKET ASY., mtg., L.H. rear
7	1022302-2	1	BRACKET ASY., mtg., R.H. rear
8	0921176-4	8	CAPSCREW, 1/2NC x 1-1/4
	0916966-5	8	LOCKWASHER, 1/2
	0917379-0	8	WASHER, flat, 11/32 x 1-1/16 x 3/32
9	0921760-5	2	CAPSCREW, 5/8NF x 3-1/2
	0918432-6	2	WASHER, plain, 5/8
	0921139-2	2	NUT, lock, 5/8NF
10	1008432-5	2	WASHER, top rear
11	1014762-7	2	WASHER, bottom rear
12	1018970-2	2	MOUNT, rear
13	1016713-8	1	SUPPORT, cross-member
14	0920990-9	2	CAPSCREW, 1/2NC x 3-1/2
	0922304-1	2	NUT, lock, 1/2NC
15	0915987-2	2	CAPSCREW, 1/2NC x 1-1/2
	0916966-5	2	LOCKWASHER, 1/2

TRANSMISSION ASY.  
FORWARD & REVERSE



TORQUE CONVERTER





710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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TRANSMISSION ASY.  
FORWARD & REVERSE

ITEM	NUMBER	QTY.	DESCRIPTION
—	-----	1	TRANSMISSION ASY. (Incl. Items 1 thru 5)
1	1018704-5	1	CONVERTER, torque (Refer to TORQUE CONVERTER for components)
	1017338-3	1	HOUSING, torque converter
2	1018151-9	1	TRANSMISSION, forward & reverse
3	1018253-3	1	TRANSMISSION, 4-speed
4	1006207-3	1	GASKET
5	1018255-8	4	CAPSCREW, 9/16NC x 1-5/8
	0920326-6	4	LOCKWASHER, 9/16
6	1002984-1	1	FLANGE, output
	1017969-5	4	BOLT, special
	0928212-0	4	NUT, 7/16NC

NOTE: Above Items are not illustrated as a group.

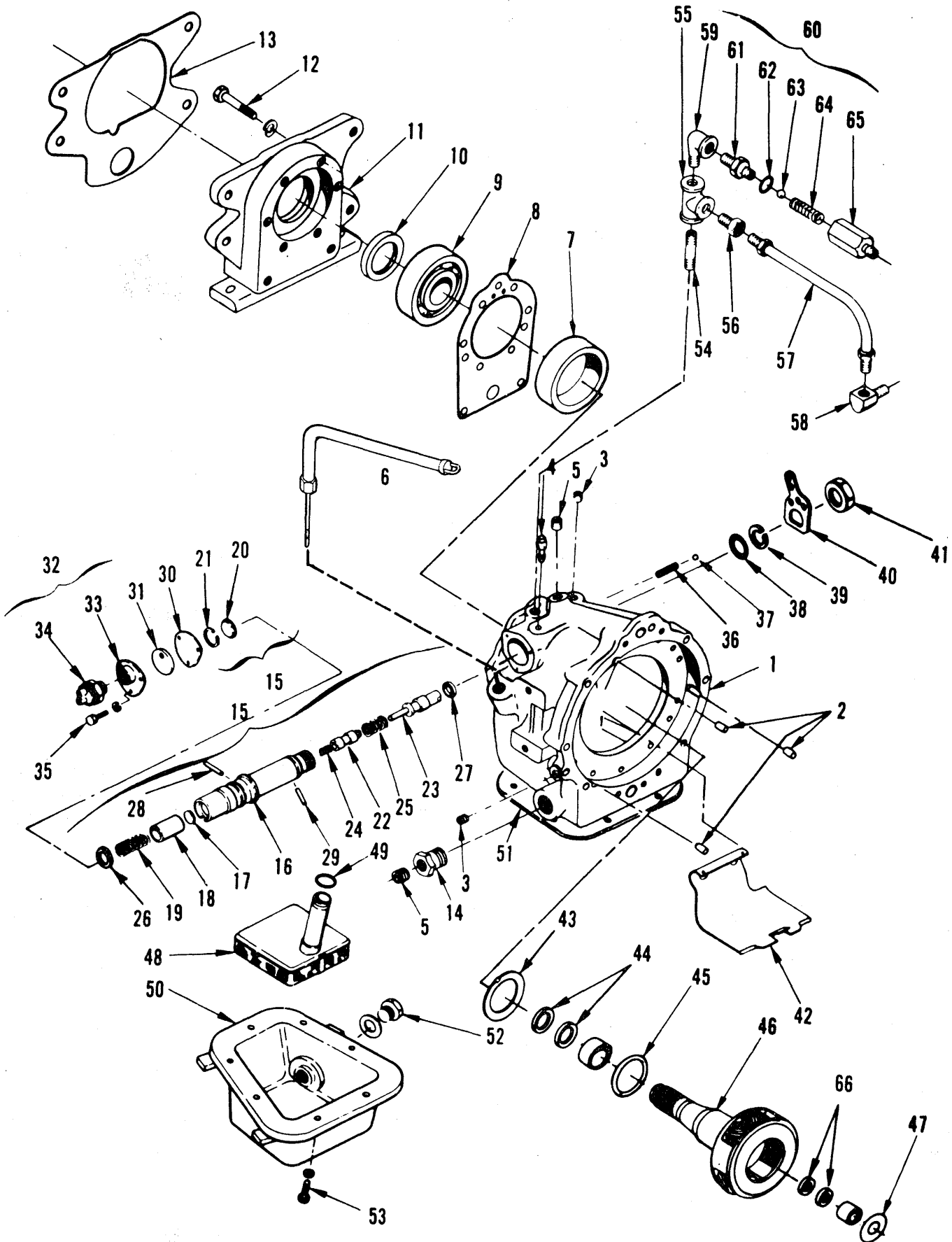
TORQUE CONVERTER

ITEM	NUMBER	QTY.	DESCRIPTION
1	1006536-5	1	PLATE KIT, drive (Incl. Items 2 thru 5)
2	-----	1	*PLATE, reinforcement
3	-----	1	*PLATE, drive
4	-----	6	*BOLT, place, converter to drive plate
5	-----	6	*BOLT, place, drive plate to flywheel
	-----	1	*WASHER
6	1018704-5	1	*CONVERTER, torque

\*NOTE: Items 2 thru 6 not included in FORWARD-REVERSE TRANSMISSION.

710C, 714C, 715C TRACTORS  
DRIVE TRAIN

TRANSMISSION  
HOUSING, PINION CAGE & OUTPUT SHAFT



710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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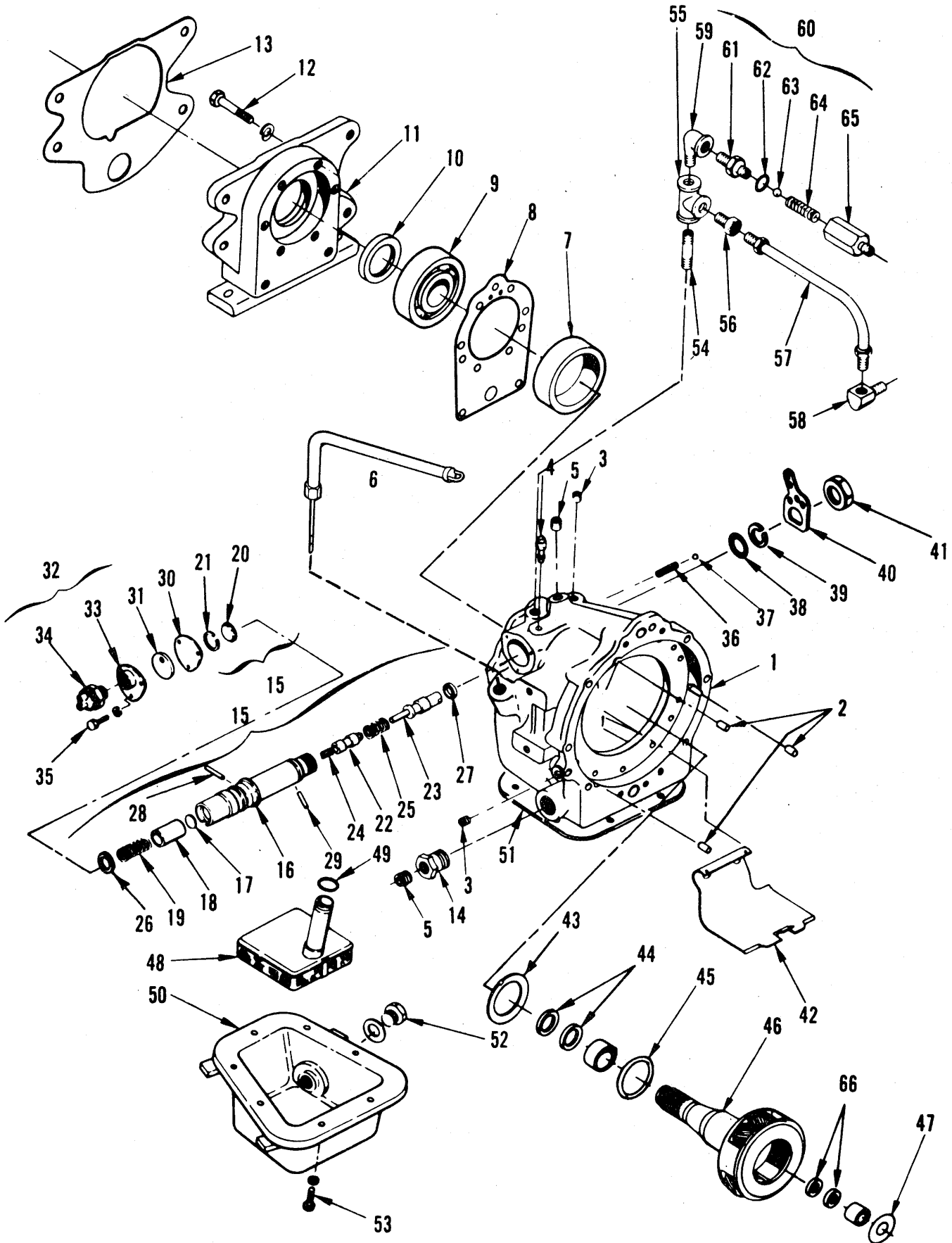
TRANSMISSION  
HOUSING, PINION CAGE & OUTPUT SHAFT

ITEM	NUMBER	QTY.	DESCRIPTION
1	1018152-7	1	TRANSMISSION CASE ASY. (Incl. PLUG & BEARING)
	1018153-5	1	BEARING, needle
	1018154-3	1	PLUG, cup
2	1018237-6	3	PIN, dowel
3	1018155-0	2	PLUG, 1/8-27, dryseal
4	1018278-0	1	BREATHER
5	1018275-6	2	PLUG, 3/8, dryseal
6	1018019-8	1	DIPSTICK ASY.
	1022791-6	1	DIPSTICK
	0919246-9	1	FITTING, 3/4 x 1-5/16
	1022485-5	1	BAR, dipstick support
	0923092-1	1	CAPSCREW, 1/2NC x 1-1/4
	0917379-0	1	WASHER, 1/2
	0916966-5	1	LOCKWASHER, 1/2
	0916951-7	1	NUT, 1/2NC
	0929806-8	1	CLAMP
7	1018185-7	1	SLEEVE
8	1018260-8	1	GASKET, adapter, front
9	1018264-0	1	BEARING
10	1018263-2	1	SEAL, oil
11	1018261-6	1	ADAPTER ASY., w/ oil seal (Item 10)
12	1018265-7	8	BOLT, hex. hd., 7/16NC x 1-1/4
	0918199-1	8	LOCKWASHER, 7/16
13	1006207-3	1	GASKET, adapter
14	1018274-9	1	BUSHING, reducer
15	1018156-8	1	VALVE ASY., forward & reverse (Incl. Items 16 thru 29)
16	1018157-6	1	VALVE, forward & reverse
17	0910002-5	1	PLUG, expansion
18	1018158-4	1	VALVE, pressure regulator
19	1018159-2	1	SPRING, valve
20	1018160-0	1	RETAINER, valve spring
21	1018161-8	1	RING, snap
22	1018162-6	1	VALVE, inching (Dump)
23	1018163-4	1	PLUNGER, inching valve
24	1018164-2	1	SPRING, dump valve return
25	1002963-5	1	SPRING, outer
26	1018166-7	1	RING, oil sealing
27	1018167-5	1	SEAL, inching valve
28	1018168-3	1	PIN, spring
29	1018246-7	1	PIN, groove
30	1018175-8	1	GASKET, valve cover
31	1018169-1	1	CAM, switch
32	1018170-9	1	COVER ASY, w/ switch (Incl. Items 33 & 34)
33	1018171-7	1	COVER, valve
34	1018172-5	1	SWITCH ASY., w/ o-ring
	0921885-0	1	O-RING
35	1018176-6	3	BOLT, hex. hd., 1/4NC x 7/8
	1018177-4	3	LOCKWASHER, 1/4NC
36	1018180-8	1	SPRING, poppet
37	1018181-6	1	BALL, 5/16 steel
38	1018178-2	1	O-RING
39	1018179-0	1	RING, retaining
40	1018182-4	1	LEVER, forward & reverse shift
41	1018183-2	1	NUT, lock
42	1018184-0	1	BAFFLE, oil
43	1018202-0	1	WASHER, thrust
44	1018203-8	2	RING, sealing (large)
45	1018204-6	1	O-RING

Continued

710C, 714C, 715C TRACTORS  
DRIVE TRAIN

TRANSMISSION  
HOUSING, PINION CAGE & OUTPUT SHAFT

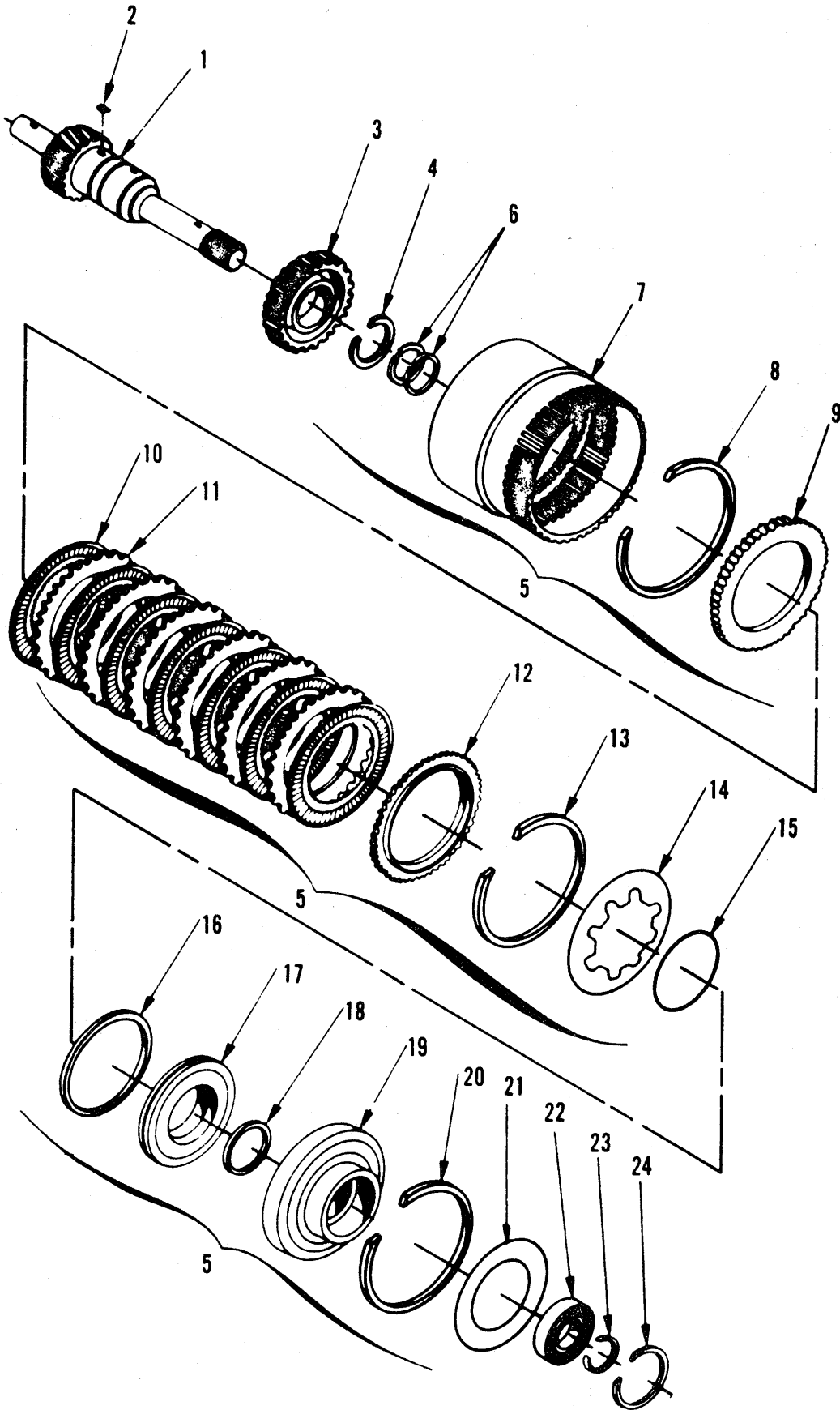


710C, 714C, 715C TRACTORS  
DRIVE TRAIN

TRANSMISSION  
HOUSING, PINION CAGE & OUTPUT SHAFT

ITEM	NUMBER	QTY.	DESCRIPTION
46	1018189-9	1	SHAFT ASY., carrier & output
	-----	1	CARRIER ASY., w/ bearing (Order SHAFT ASY.)
	1018191-5	1	BEARING
	1018192-3	3	PINION, L.H.
	1018193-1	3	PINION, R.H.
	1018194-9	3	PIN, pinion shaft
	1018195-6	3	PIN, pinion shaft
	1018196-4	3	SHAFT, pinion
	1018197-2	3	SHAFT, pinion
	1018198-0	18	SPACER, pinion bearing
	1018199-8	288	ROLLER, pinion
	1018200-4	1	RING, oil collector
	1018201-2	6	PLATE, pinion thrust
47	1018205-3	1	WASHER, thrust, clutch hub
48	1018187-3	1	SCREEN ASY., oil
49	1018186-5	1	O-RING
50	1018188-1	1	PAN, oil
51	9003928-0	1	GASKET, oil pan (in a tube)
52	1016973-8	1	PLUG ASY., drain (incl. GASKET)
	-----	1	GASKET, drain plug (Serviced w/ Plug only)
53	0921210-1	7	CAPSCREW, 3/8NC x 1
	0916965-7	7	LOCKWASHER, 3/8
54	1018269-9	1	NIPPLE, pipe, 3/8 x 1
55	1018268-1	1	TEE, pipe, 3/8
56	1018271-5	1	CONNECTOR, 1/2 tube
57	1018272-3	1	TUBE ASY., connector
58	1018270-7	1	FITTING, tube, 90°
59	1018283-0	1	ELBOW, 3/8 pipe, st., 90°
60	1018279-8	1	VALVE ASY., check
61	1018281-4	1	SEAT, check valve
62	0924003-7	1	O-RING
63	0917579-5	1	BALL, steel
64	1018282-2	1	SPRING, check valve
65	1018279-8	1	VALVE ASY., check (incl. Items 60 thru 63)
66	1018210-3	2	RING, sealing (small)

TRANSMISSION  
DRIVE GEAR & FORWARD CLUTCH



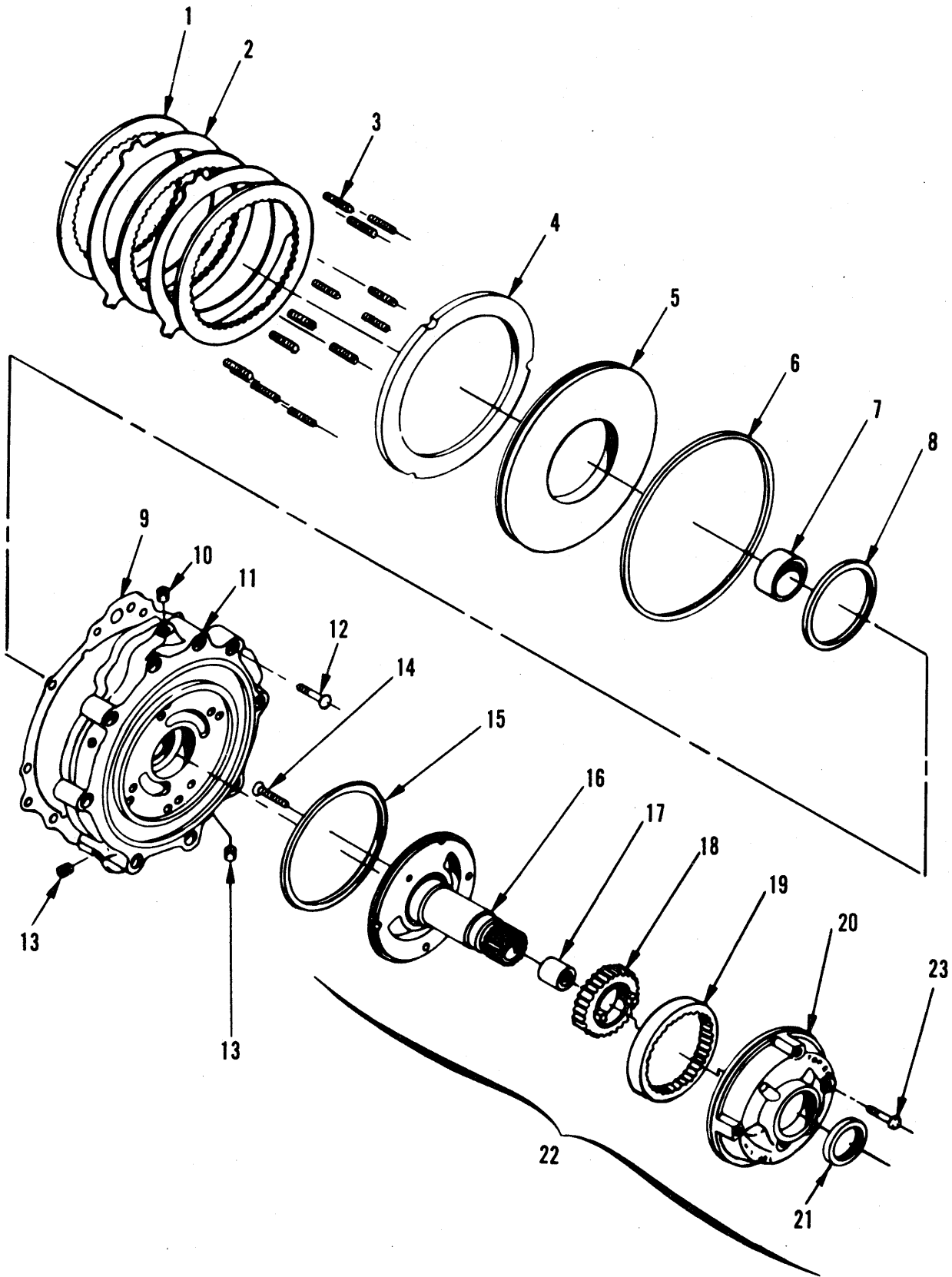
710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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TRANSMISSION  
DRIVE GEAR & FORWARD CLUTCH

ITEM	NUMBER	QTY.	DESCRIPTION
1	1018206-1	1	GEAR ASY., drive
	-----	1	GEAR, drive (Order GEAR ASY.)
	1018208-7	1	TUBE, lube
	1018209-5	1	PLUG
2	1018231-9	1	KEY, woodruff, drive gear
3	1018230-1	1	HUB, forward clutch
4	1018232-7	1	RING, snap
5	1018211-1	1	GEAR & CLUTCH ASY., ring (Incl. Items 6 thru 20)
6	1018203-8	2	RING, sealing
7	1018212-9	1	GEAR, ring
8	1018226-9	1	RING, snap (Use as req'd)
	1018227-7	1	RING, snap (Use as req'd)
	1018228-5	1	RING, snap (Use as req'd)
9	1018225-1	1	PLATE, clutch pressure
10	1018224-4	7	PLATE, clutch, inner
11	1018222-8	6	PLATE, clutch (Use as req'd)
	-----	6	PLATE, clutch (Order PLATE 1018222)
12	1018221-0	1	PLATE, clutch pressure
13	1018220-2	1	RING, snap, clutch spring
14	1018219-4	1	SPRING, clutch
15	1018218-6	1	RING, bearing, clutch spring
16	1018216-0	1	RING, clutch
17	1018215-2	1	PISTON, forward clutch
18	1018214-5	1	RING, sealing
19	1018213-7	1	CYLINDER, forward clutch
20	1018217-8	1	RING, snap, ring gear
21	1018236-8	1	WASHER, thrust (.056/.086 thick)
	1019620-2	1	WASHER, thrust (.087/.101 thick)
22	1018233-5	1	BEARING
23	1018235-0	1	RING, snap
24	1018234-3	1	RING, snap

TRANSMISSION  
FRONT PUMP & REVERSE CLUTCH





710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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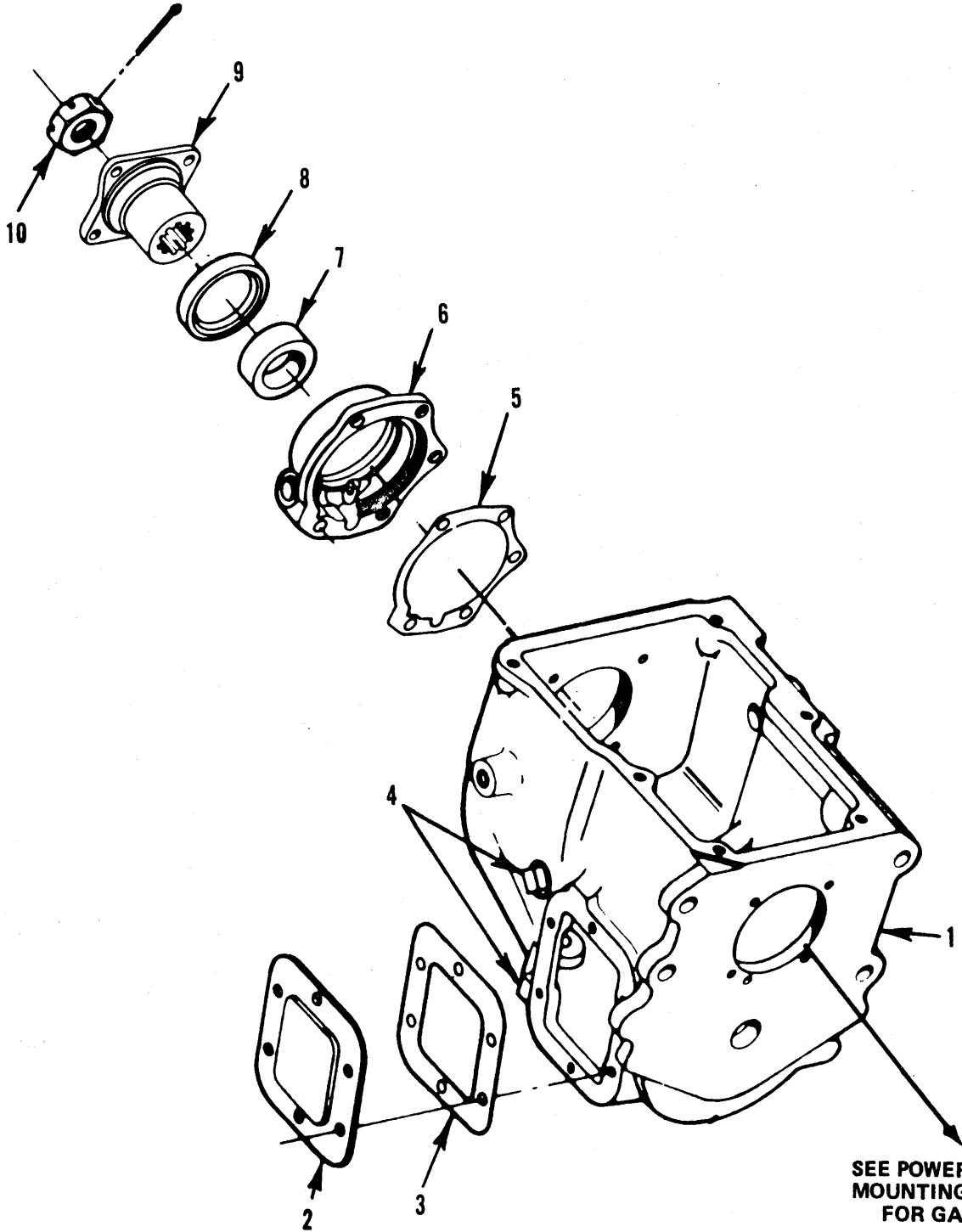
TRANSMISSION  
FRONT PUMP & REVERSE CLUTCH

ITEM	NUMBER	QTY.	DESCRIPTION
1	1018238-4	3	PLATE, reverse clutch
2	1018239-2	2	PLATE, outer clutch, steel
3	1018240-0	11	SPRING, pressure plate
4	1018241-8	1	PLATE, pressure, reverse clutch
5	1018247-5	1	PISTON, reverse clutch
6	1018248-3	1	RING, sealing
7	1018245-9	1	BUSHING, adapter
8	0923817-1	1	RING, sealing
9	1018242-6	1	GASKET, case & adapter
10	1018276-4	1	PLUG, 1/4 pipe (Optional)
	1018277-2	1	PLUG, 1/4 pipe (Optional)
11	1018243-4	1	ADAPTER, forward & reverse (Incl. Item 7)
12	1018249-1	4	CAPSCREW, 3/8NC x 1-1/4
13	1018155-0	2	PLUG, 1/8-27, dryseal
14	0903857-1	1	SCREW, flat hd., No. 10NC x 3/4
15	4905789-6	1	GASKET, pump, front
16	-----	1	*SUPPORT, converter (Incl. BUSHING)
17	-----	1	*BUSHING
18	-----	1	*GEAR, pump drive, front (Incl. BUSHING)
	-----	1	*BUSHING
19	-----	1	*GEAR, pump driven, front
20	-----	1	*BODY, pump, front (Incl. BUSHING)
	-----	1	*BUSHING
21	0927023-2	1	SEAL, oil
22	1018251-7	1	PUMP ASY., front (Incl. Items 14, & 16 thru 21)
23	1018258-2	4	BOLT, hex. hd., 5/16NC x 1-3/4

\*Not serviced separately

710C, 714C, 715C TRACTORS  
DRIVE TRAIN

TRANSMISSION  
CASE  
4-SPEED



710C, 714C, 715C TRACTORS  
DRIVE TRAIN

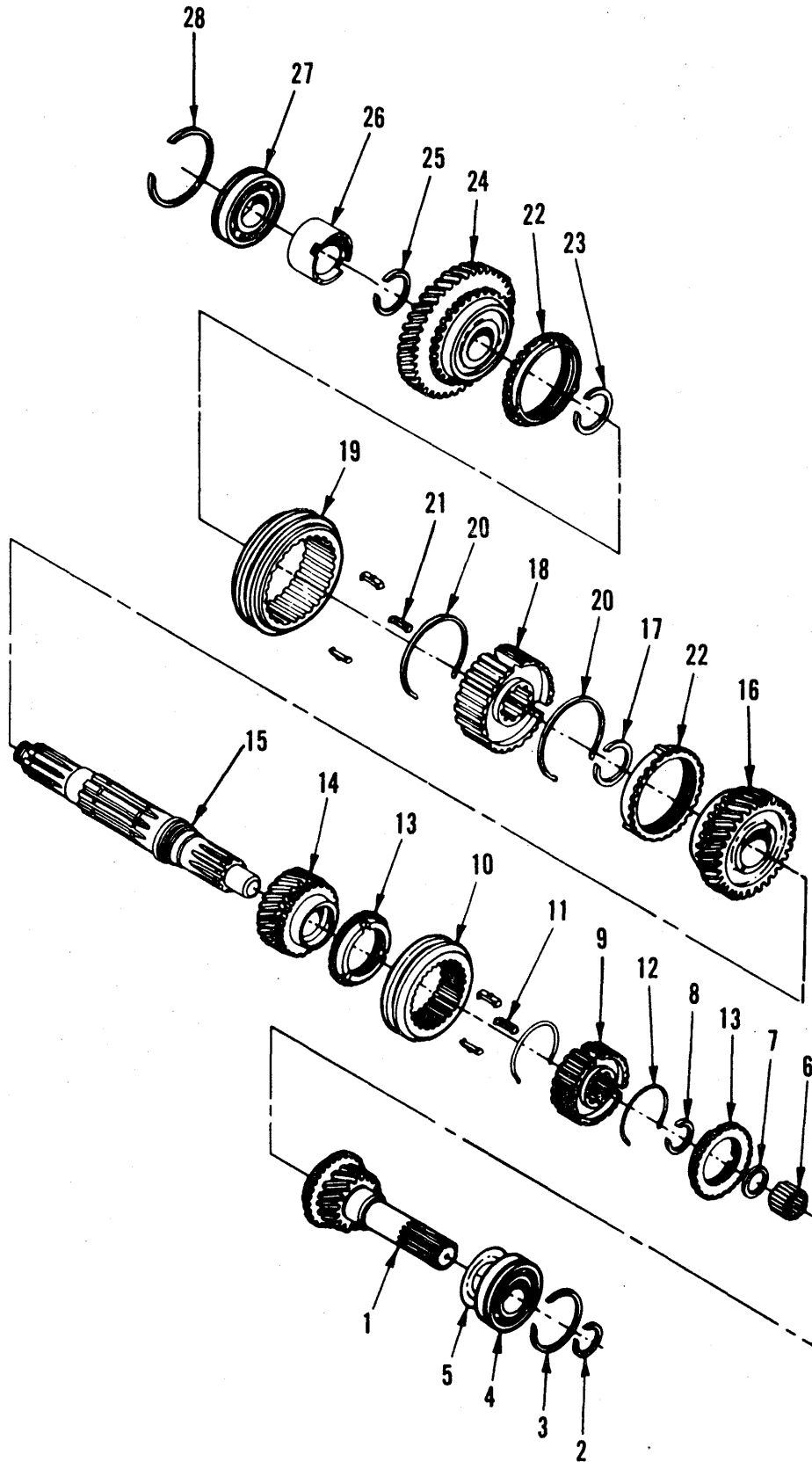
125

TRANSMISSION  
CASE  
4-SPEED

ITEM	NUMBER	QTY.	DESCRIPTION
-	1018253-3	1	TRANSMISSION, 4-speed (Incl. 1008413 w/ RETAINER & SHAFT)
1	1002969-2	1	CASE, transmission
2	4981202-7	1	COVER, power opening
	0922586-3	6	CAPSCREW, pltd., 3/8NC x 5/8
	0920427-2	6	LOCKWASHER, ext. tooth, 3/8
3	4981203-5	1	GASKET, power opening
4	0912726-7	1	PLUG, pipe
	2017752-3	1	PLUG, pipe
5	1002972-6	1	GASKET, main shaft bearing retainer
6	1018229-3	1	RETAINER ASY., main shaft
	0919287-3	5	CAPSCREW, 3/8NC x 1-7/8
	0920427-2	5	LOCKWASHER, ext. tooth, 3/8
	1019025-4	1	PLUG, speedometer opening
7	1002971-8	1	SPACER, speedometer gear
8	1002973-4	1	SEAL, oil
9	1002984-1	1	FLANGE, companion
	1017969-5	4	BOLT, flange
	0928212-0	4	NUT, 7/16NF, Gr. 8
10	1002986-6	1	NUT, main shaft
	0925719-7	1	PIN, cotter, 1/8 x 2

710C, 714C, 715C TRACTORS  
DRIVE TRAIN

TRANSMISSION  
MAIN SHAFT  
4-SPEED



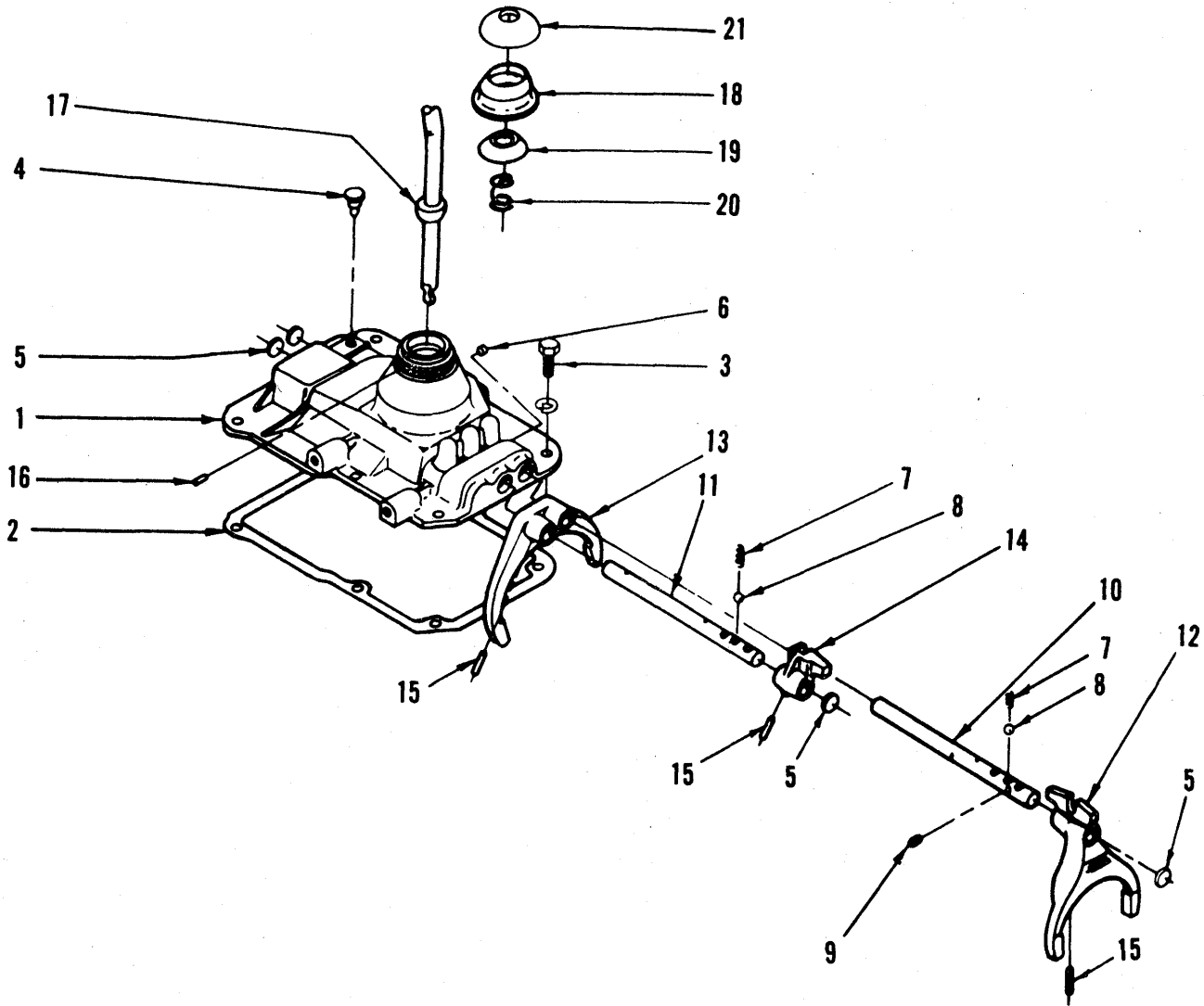
710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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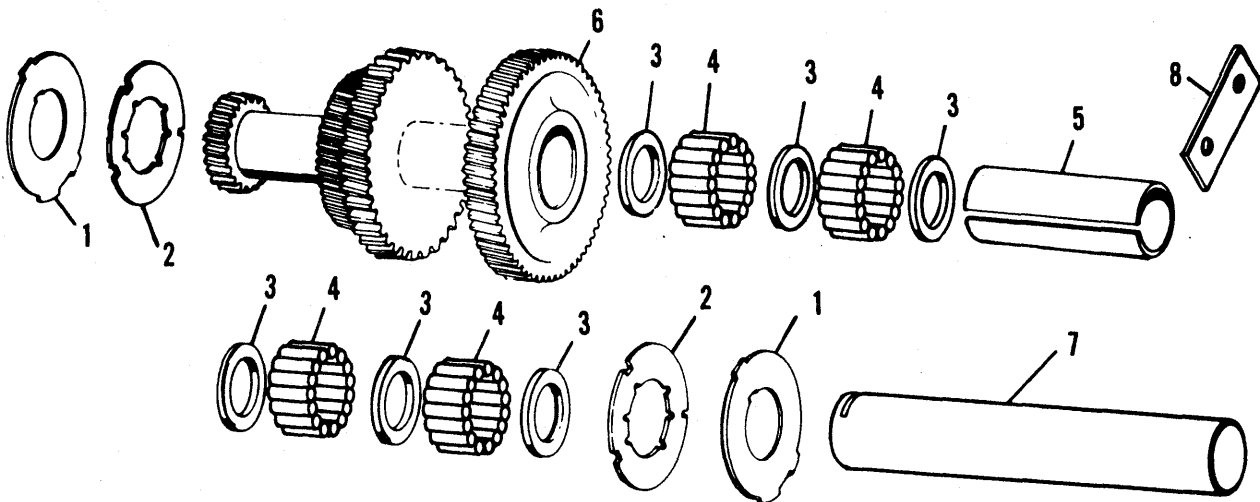
TRANSMISSION  
MAIN SHAFT  
4-SPEED

ITEM	NUMBER	QTY.	DESCRIPTION
1	1018244-2	1	SHAFT, input
2	1006758-5	*	RING, snap (.117/.119 thick) (*Use 1 as req'd)
	1007034-0	*	RING, snap (.120/.122 thick) (*Use 1 as req'd)
	1007035-7	*	RING, snap (.123/.125 thick) (*Use 1 as req'd)
	1007036-5	*	RING, snap (.127/.129 thick) (*Use 1 as req'd)
3	1006752-8	1	RING, snap
4	1006757-7	1	BEARING, annular
5	4983961-6	1	BAFFLE, oil, main drive gear
6	4981218-3	22	ROLLER, bearing
7	4981219-1	1	SPACER
8	1017029-8	1	RING, snap
-	1006769-2	1	SYNCHRONIZER ASY., 3rd & 4th gear (Incl. Items 9, 10, 11 & 12)
9	-----	1	HUB, synchronizer (Serviced in ASY.)
10	-----	1	SLEEVE, synchronizer (Serviced in ASY.)
11	1006772-6	3	PLATE, shifting
12	1006768-4	2	SPRING, synchronizer
13	1006767-6	2	RING, blocking, 3rd & 4th speed, synchronizer
14	1006787-4	1	GEAR, 3rd speed, main shaft
15	1016365-7	1	SHAFT, main
16	1006788-2	1	GEAR, 2nd speed, main shaft
17	1006755-1	1	RING, snap
-	1006794-0	1	SYNCHRONIZER ASY., 1st & 2nd speed (Incl. Items 20, 21, 22 & 23)
18	-----	1	HUB, synchronizer (Serviced in ASY.)
19	-----	1	COLLAR, synchronizer (Serviced in ASY.)
20	1006806-2	2	SPRING, synchronizer
21	0266423-3	3	PLATE, shifting
22	0266424-1	2	RING, blocking
23	1006755-1	*	RING, snap (.092/.094 thick) (*Use 1 as req'd)
	1006774-2	*	RING, snap (.095/.097 thick) (*Use 1 as req'd)
	1007032-4	*	RING, snap (.098/.100 thick) (*Use 1 as req'd)
	1007033-2	*	RING, snap (.101/.103 thick) (*Use 1 as req'd)
24	1006790-8	1	GEAR, 1st speed, main shaft
25	1007033-2	1	RING, snap
26	1007246-0	1	SPACER, main shaft
27	1006753-6	1	BEARING, annular
28	1006752-8	1	RING, snap

TRANSMISSION  
CONTROL COVER  
4-SPEED



TRANSMISSION  
COUNTERSHAFT  
4-SPEED



710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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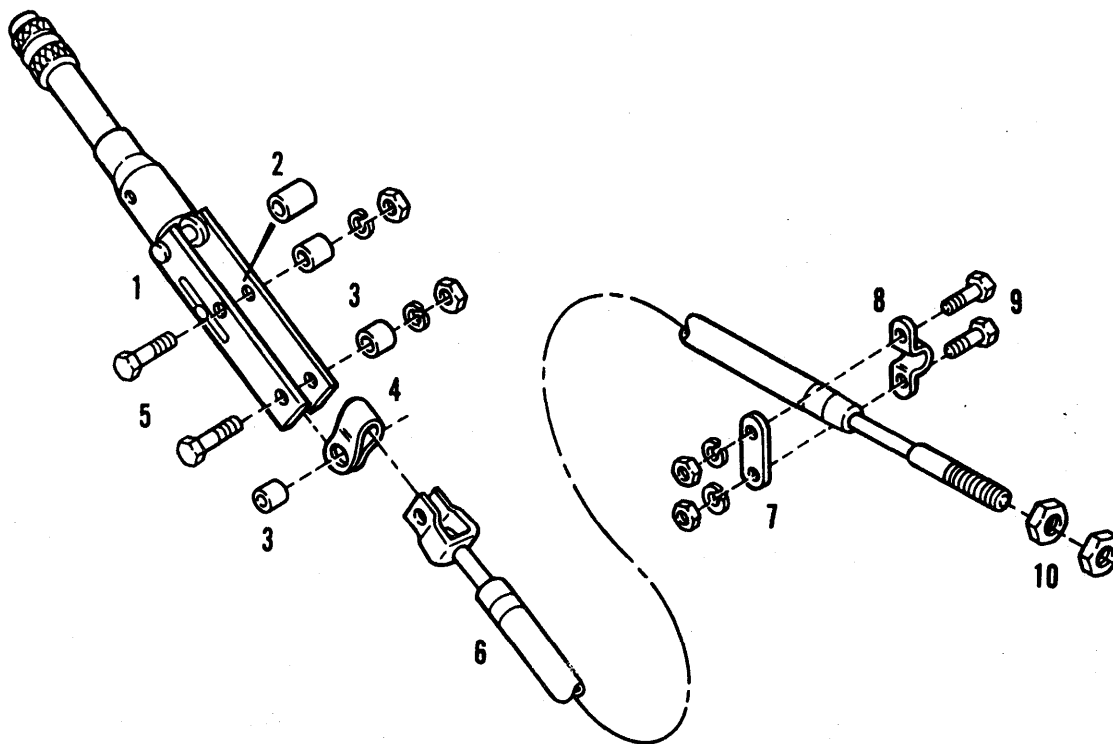
TRANSMISSION  
CONTROL COVER  
4-SPEED

ITEM	NUMBER	QTY.	DESCRIPTION
1	1002976-7	1	HOUSING, control
2	1006801-3	1	GASKET, control housing
3	0921966-8	6	CAPSCREW, pltd., 3/8NC x 7/8
	0916965-7	6	LOCKWASHER, 3/8
4	1006765-0	1	BREATHER ASY.
5	0910002-5	4	PLUG, expansion
6	1006762-7	1	PLUG, taper
7	4981230-8	2	SPRING, poppet, 3rd & direct rail
8	0905360-4	2	BALL, steel
9	1006764-3	1	PLUNGER, interlock
10	1006782-5	1	SHIFT RAIL, 3rd & direct
11	1006783-3	1	SHIFT RAIL, 1st & 2nd
12	1006798-1	1	SHIFT FORK, 3rd & direct
13	1006799-9	1	SHIFT FORK, 1st & 2nd
14	1006784-1	1	END, shift rail, 1st & 2nd
15	1006882-3	3	PIN, roll
16	1006747-8	1	PIN, control housing
17	1014634-8	1	LEVER KIT, control
	1014633-0	1	LEVER, control
	1009263-3	1	KNOB, control
	0917421-0	1	NUT, jam, 3/8NC
18	1006749-4	1	CAP, control housing
19	1006750-2	1	WASHER, spring, control lever
20	1006751-0	1	SPRING, control lever
21	1007379-9	1	CAP, rubber

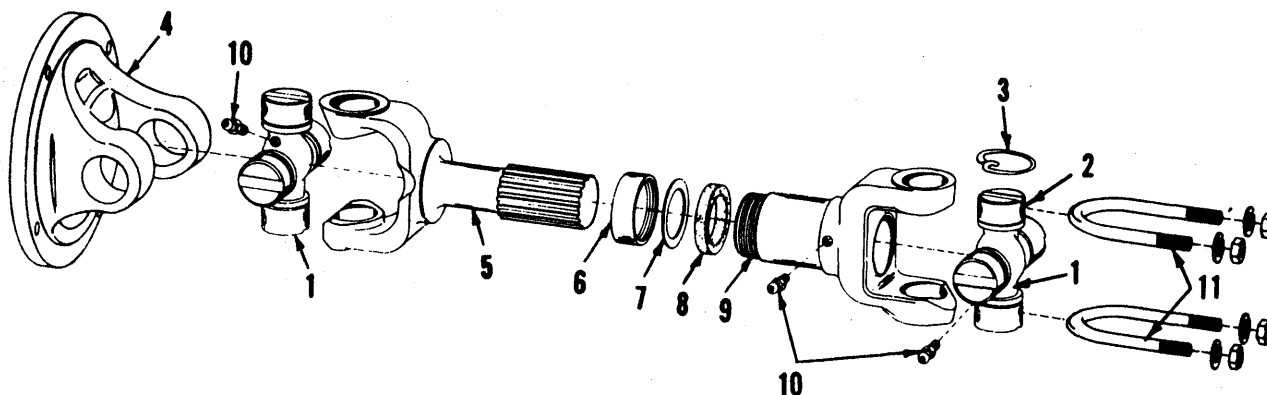
TRANSMISSION  
COUNTERSHAFT  
4-SPEED

ITEM	NUMBER	QTY.	DESCRIPTION
1	1006776-7	2	WASHER, thrust
2	1006754-4	2	WASHER, thrust
3	4981219-1	7	SPACER, bearing
4	4981218-3	110	ROLLER, bearing
5	1006775-9	1	SPACER, bearing
6	1006795-7	1	GEAR, countershaft
7	1006777-5	1	COUNTERSHAFT
8	1006756-9	1	LOCKPLATE, connector shaft
	0921965-0	2	CAPSCREW, pltd., 3/8NC x 3/4
	0920427-2	2	LOCKWASHER, 3/8

CONTROLS, PARKING BRAKE



MAIN DRIVE SHAFT





710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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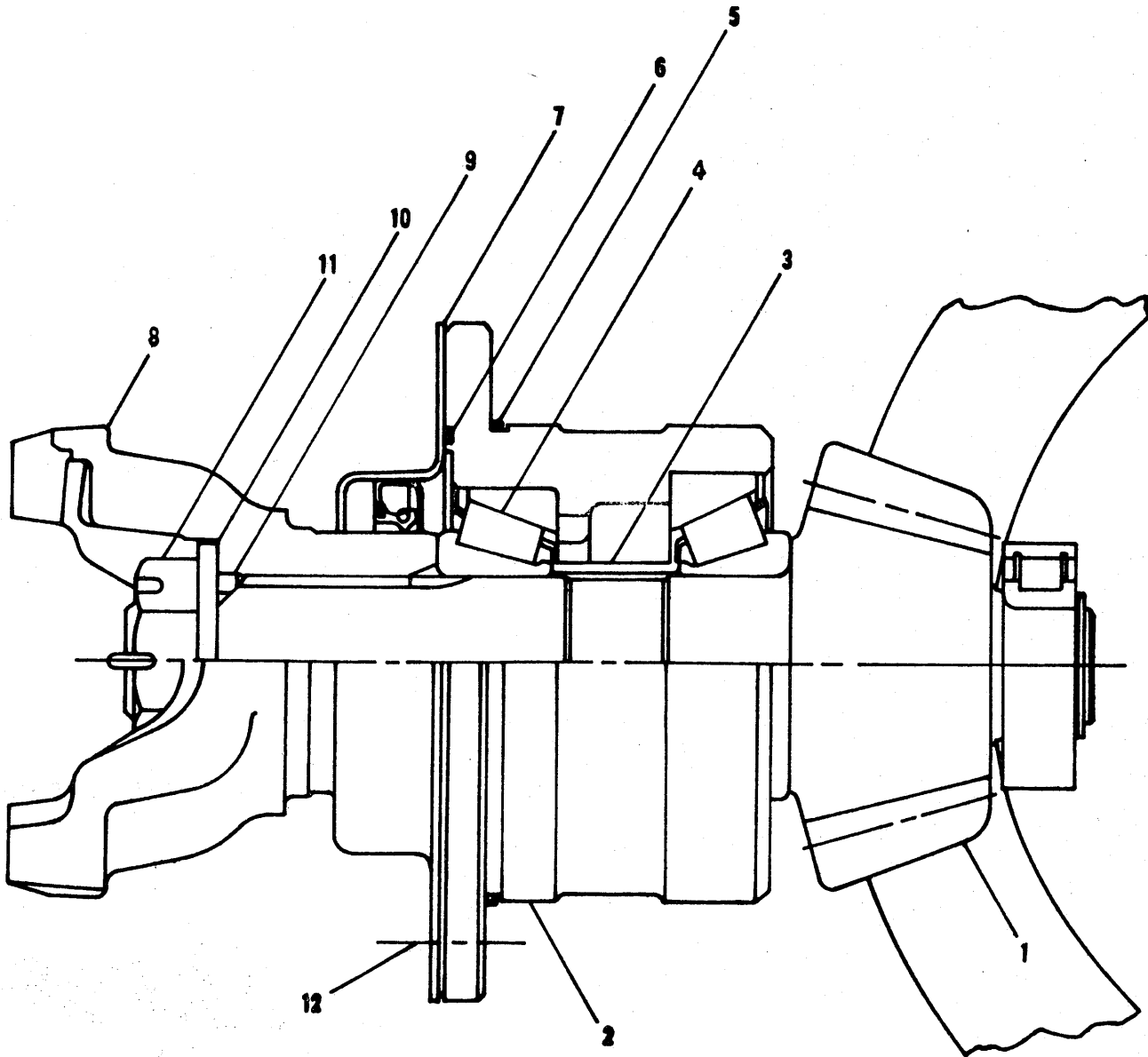
CONTROLS, PARKING BRAKE

ITEM	NUMBER	QTY.	DESCRIPTION
1	1009013-2	1	LEVER ASY., parking brake (Incl. Items 2, 3 & 4)
2	1009017-3	1	SPACER
3	1009016-5	3	SPACER
4	1009015-7	1	CLAMP, cable
5	0919785-6	2	CAPSCREW, 5/16NC x 1-3/4
	0917356-8	2	LOCKWASHER, 5/16
	0917372-5	2	NUT, 5/16NC
6	1009886-1	1	CABLE ASY., parking brake
7	1004338-8	1	SPACER
8	1004339-6	1	CLAMP, cable
9	0921210-1	2	CAPSCREW, 3/8NC x 1
	0916965-7	2	LOCKWASHER, 3/8
	0916950-9	2	NUT, 3/8NC
10	0918403-7	1	NUT, jam, 3/8NF

MAIN DRIVE SHAFT

ITEM	NUMBER	QTY.	DESCRIPTION
-	1008008-3	1	SHAFT ASY., main drive
1	0081559-7	2	REPAIR KIT, u-joint
2	-----	8	CUP ASY., bearing
3	-----	8	RING, snap
4	1009938-0	1	YOKE, flange
5	1009940-6	1	YOKE, shaft
	1009939-8	1	DUST CAPKIT
6	-----	1	CAP, dust
7	-----	1	WASHER
8	-----	1	WASHER, cork
9	1006986-2	2	YOKE, sleeve
10	9002040-5	3	FITTING, grease
11	1006329-5	2	U-BOLT
	0916965-7	4	LOCKWASHER, 3/8
	0911041-2	4	NUT, 3/8NF

AXLE HOUSING, REAR DRIVE



710C, 714C, 715C TRACTORS  
DRIVE TRAIN

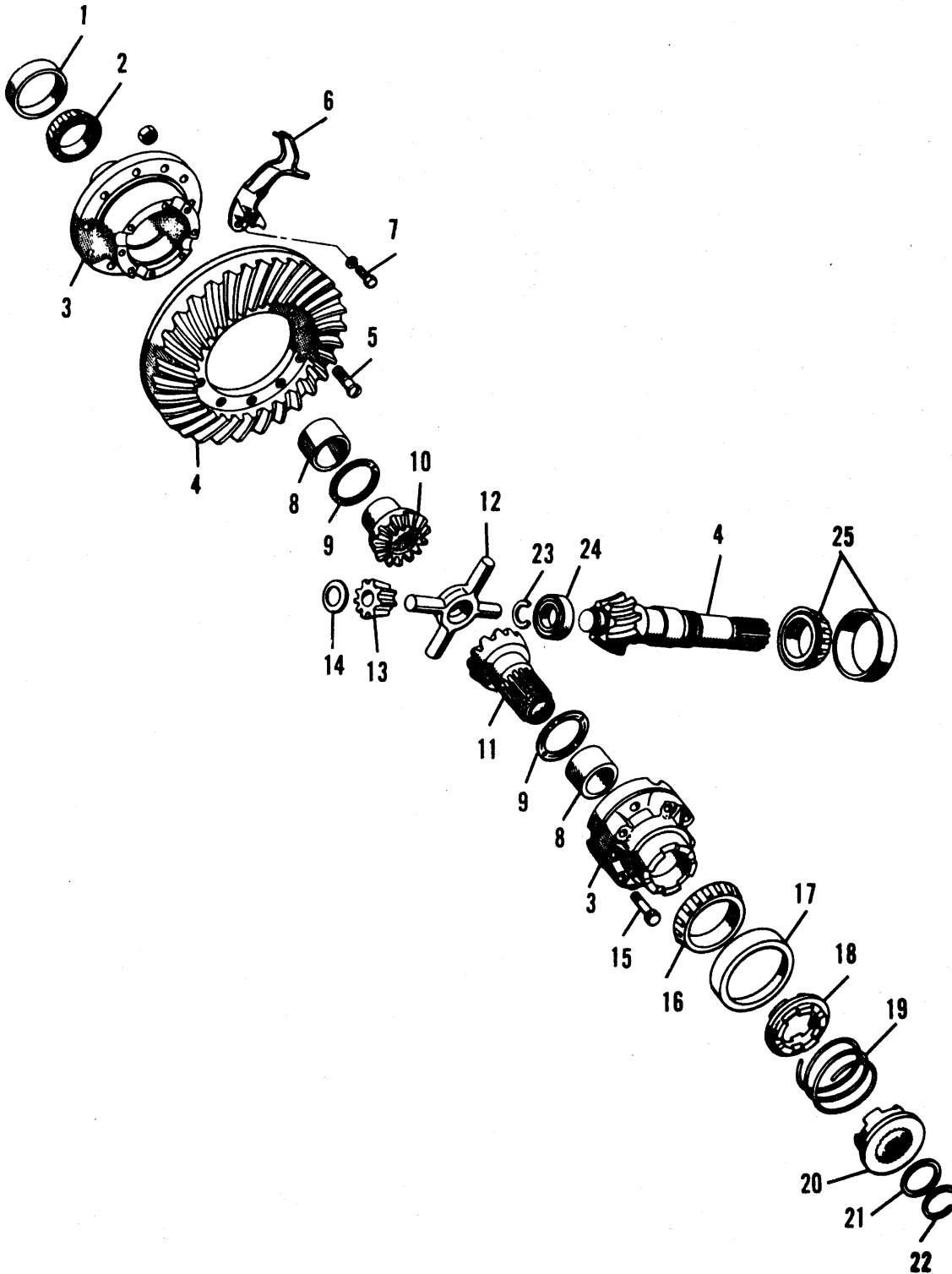
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AXLE HOUSING, REAR DRIVE

ITEM	NUMBER	QTY.	DESCRIPTION
-	1008001-8	1	AXLE ASY., rear drive (Not shown)
-	1008467-1	1	HOUSING ASY., center (Not shown)
	1008514-0	1	PLUG, vent, cover
	1008598-3	2	PLUG, magnetic
1	1008475-4	1	GEAR SET, matched
2	1008491-1	1	RETAINER ASY., pinion bearing
3	1008492-9	*	SPACER, pinion bearing (1.2545/1.2540)
	1008493-7	*	SPACER, pinion bearing (1.2565/1.2560)
	1008494-5	*	SPACER, pinion bearing (1.2585/1.2580)
	1008495-2	*	SPACER, pinion bearing (1.2605/1.2600)
	1008496-0	*	SPACER, pinion bearing (1.2625/1.2620)
	1008497-8	*	SPACER, pinion bearing (1.2645/1.2640)
	1008498-6	*	SPACER, pinion bearing (1.2665/1.2660)
	1008499-4	*	SPACER, pinion bearing (1.2685/1.2680)
	1008500-9	*	SPACER, pinion bearing (1.2705/1.2700)
	1008501-7	*	SPACER, pinion bearing (1.2725/1.2720)
	1008502-5	*	SPACER, pinion bearing (1.2745/1.2740)
	1008503-3	*	SPACER, pinion bearing (1.2765/1.2760)
	1008504-1	*	SPACER, pinion bearing (1.2785/1.2780)
	1008505-8	*	SPACER, pinion bearing (1.2805/1.2800)
	1008506-6	*	SPACER, pinion bearing (1.2825/1.2820)
	1012950-0	-	SPACER BEARING KIT
4	0929834-0	1	CONE & ROLLER ASY., pinion
5	0923970-8	1	SEAL, o-ring
6	1008508-2	1	SEAL, pinion bearing retainer
7	1008509-0	1	SEAL ASY., pinion
8	1008510-8	1	FLANGE, u-joint
9	1008511-6	1	SEAL, pinion spline
10	1008512-4	1	WASHER, pinion retainer
11	1008513-2	1	NUT, slotted
	0919431-7	1	PIN, cotter, 3/16 x 2-1/2
12	0929837-3	6	BOLT, 9/16NC x 1-1/2
	0920326-6	12	LOCKWASHER, 9/16

\*Use one as required

DIFFERENTIAL ASSEMBLY  
REAR AXLE



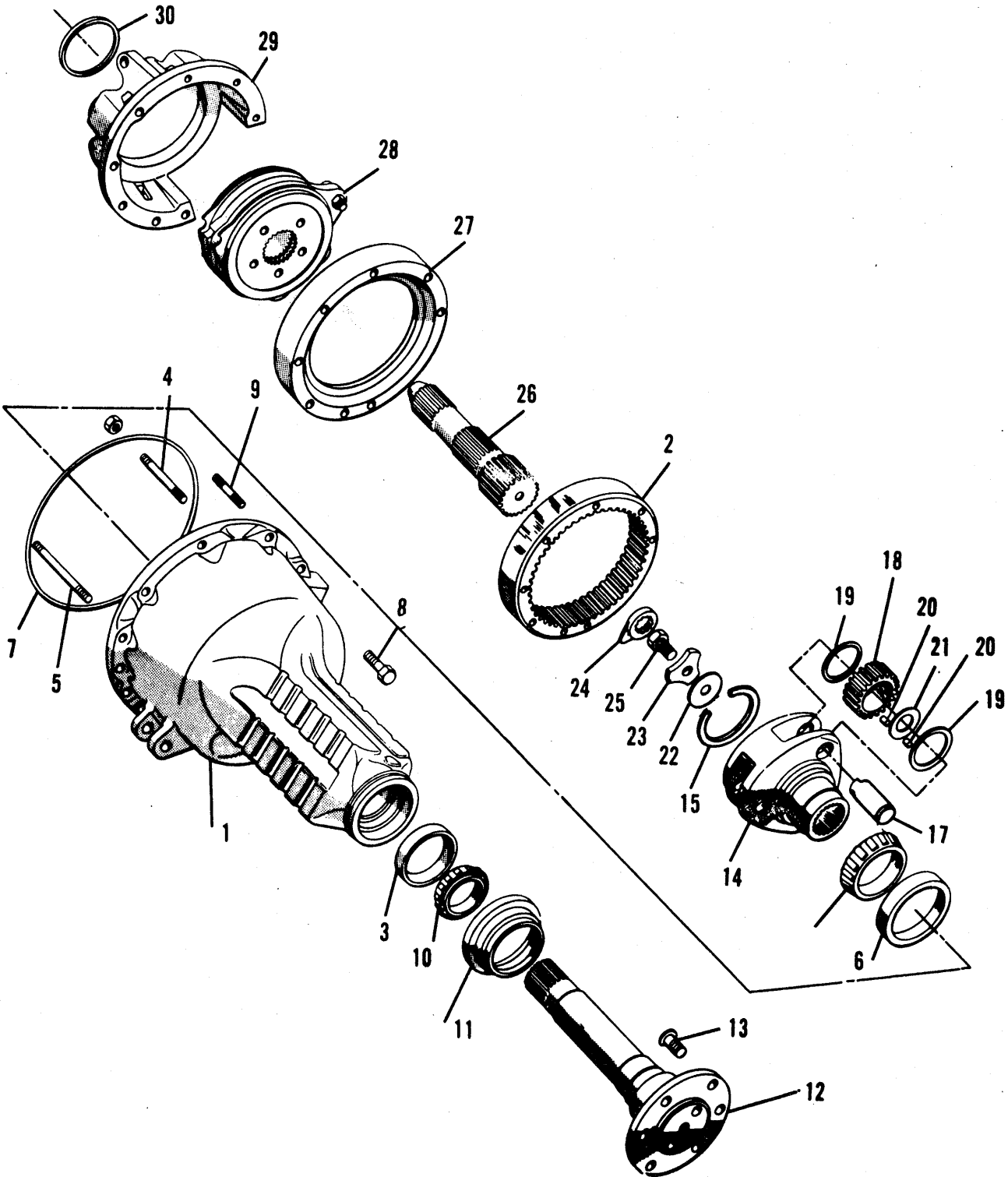
710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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DIFFERENTIAL ASSEMBLY  
REAR AXLE

ITEM	NUMBER	QTY.	DESCRIPTION
1	0202584-9	1	CUP, differential bearing
2	4251113-9	1	CONE & ROLLER ASY., L.H.
3	1008478-8	1	CASE ASY., differential
4	1008475-4	1	GEAR SET, matched
5	1008595-9	12	BOLT, gear to differential case
	1008596-7	12	NUT, self-locking
6	1008562-9	1	BLOCK, drive gear thrust
7	0920676-4	2	BOLT, 3/8NC x 1
	0918199-1	2	LOCKWASHER, 3/8
8	1008479-6	2	BUSHING, differential case
9	1008484-6	2	WASHER, differential thrust
10	1008480-4	1	GEAR, differential side
11	1008481-2	1	GEAR, differential side, R.H.
12	1008483-8	1	SPIDER, differential
13	1008482-0	4	PINION, differential
14	1008485-3	4	WASHER, differential pinion thrust
15	1016603-1	8	BOLT, self-locking, 1/2NC x 2-7/8
16	0929163-4	1	CONE & ROLLER ASY., R.H.
17	0624641-7	1	CUP, differential, R.H.
18	1008490-3	1	ADAPTER, differential lock
19	1008488-7	1	SPRING, coupling
20	1008486-1	1	COUPLING, differential lock
21	1008489-5	1	WASHER, stop, coupling
22	0929842-3	1	RING, lock
23	1008474-7	1	RING, pilot bearing
24	1008473-9	1	BEARING ASY., drive pinion pilot
25	0929835-7	1	CONE & ROLLER ASY., drive pinion

REAR AXLE HOUSING & BRAKE PARTS



710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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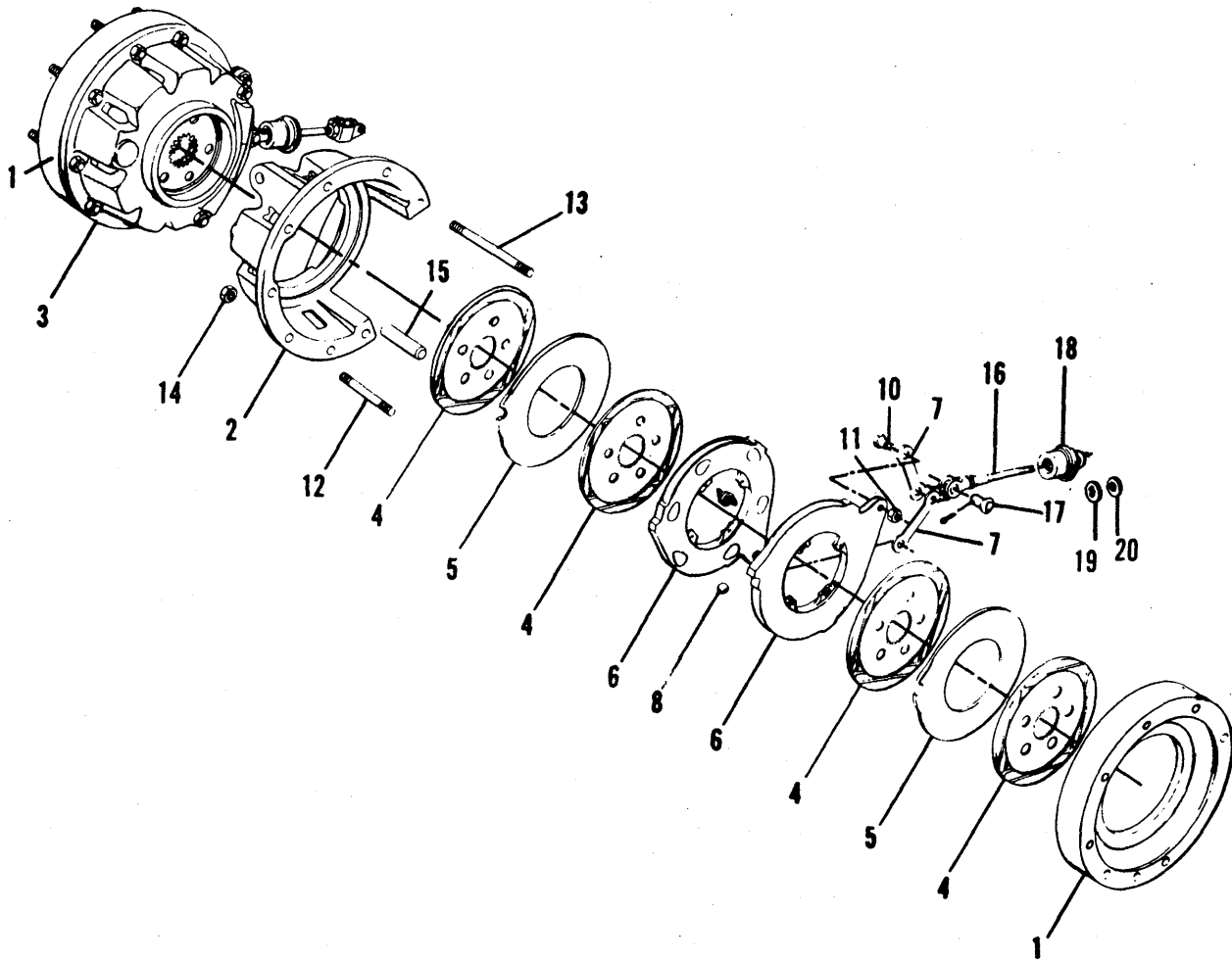
REAR AXLE HOUSING & BRAKE PARTS

ITEM	NUMBER	QTY.	DESCRIPTION
1	1008515-7	1	HOUSING ASY., R.H. (Incls. Items 2 thru 6)
	1008520-7	1	HOUSING ASY., L.H. (Incls. Items 2 thru 6)
2	1008516-5	2	GEAR, planet ring
3	0043001-7	2	CUP, shaft bearing, outer
4	1008518-1	12	STUD
	0929839-9	12	NUT, 1/2NF
5	1008519-9	4	STUD
	0929839-9	4	NUT, 1/2NF
6	0611774-1	2	CUP, differential bearing
7	0929841-5	2	O-RING, axle to housing
8	0922664-8	21	BOLT, axle housing to center housing, 5/8NC x 2
	0915971-6	2	BOLT, axle hsg. to center housing, 5/8NC x 2-3/4
9	1008574-4	4	STUD, axle housing to center housing
	0929840-7	4	NUT, 5/8NF
10	0229110-2	2	CONE & ROLLER ASY., outer
11	1008522-3	2	RETAINER ASY., oil seal
12	1008470-5	2	SHAFT & BOLT ASY. (Incls. Item 13)
13	1008471-3	16	BOLT, shaft to wheel
14	1008523-1	2	CARRIER ASY. (Incls. Items 15 thru 21)
15	1008528-0	1	RETAINER, shaft
16	0928859-8	1	CONE & ROLLER ASY.
17	1008527-2	3	SHAFT, planet gear
18	1008524-9	3	GEAR, planet
19	1008526-4	6	WASHER, planet gear thrust
20	1008525-6	3	PLANET GEAR KIT, needle bearing
21	1008530-6	3	SPACER, needle bearing
22	1008541-3	*	SPACER, shaft bearing (.049/.050)
	1008531-4	*	SPACER, shaft bearing (.053/.054)
	1008532-2	*	SPACER, shaft bearing (.057/.058)
	1008533-0	*	SPACER, shaft bearing (.061/.062)
	1008534-8	*	SPACER, shaft bearing (.065/.066)
	1008535-5	*	SPACER, shaft bearing (.069/.070)
	1008536-3	*	SPACER, shaft bearing (.073/.074)
	1008537-1	*	SPACER, shaft bearing (.077/.078)
	1008538-9	*	SPACER, shaft bearing (.081/.082)
	1008539-7	*	SPACER, shaft bearing (.085/.086)
	1008540-5	*	SPACER, shaft bearing (.089/.090)
	1012951-8	-	SPACER BEARING KIT
23	1008549-6	2	WASHER, shaft retainer
24	1008542-1	1	LOCK, shaft bolt
25	0929838-1	2	BOLT, 7/8NF x 1-5/8
26	1008543-9	2	GEAR, planet, sun
27	1008544-7	2	HOUSING, brake, outer
28	-----	2	BRAKE ASY. (Refer to BRAKE ASY. for component parts)
29	1008547-0	1	HOUSING, brake, R.H. inner
	1008548-8	1	HOUSING, brake, L.H. inner
30	1008564-5	+	SHIM, gear bearing (.038/.040)
	1008565-2	+	SHIM, gear bearing (.044/.046)
	1008566-0	+	SHIM, gear bearing (.050/.052)
	1008567-8	+	SHIM, gear bearing (.056/.058)
	1008568-6	+	SHIM, gear bearing (.062/.064)
	1008569-4	+	SHIM, gear bearing (.068/.070)
	1008570-2	+	SHIM, gear bearing (.074/.076)
	1008571-0	+	SHIM, gear bearing (.080/.082)
	1012952-6	-	SHIM BEARING KIT

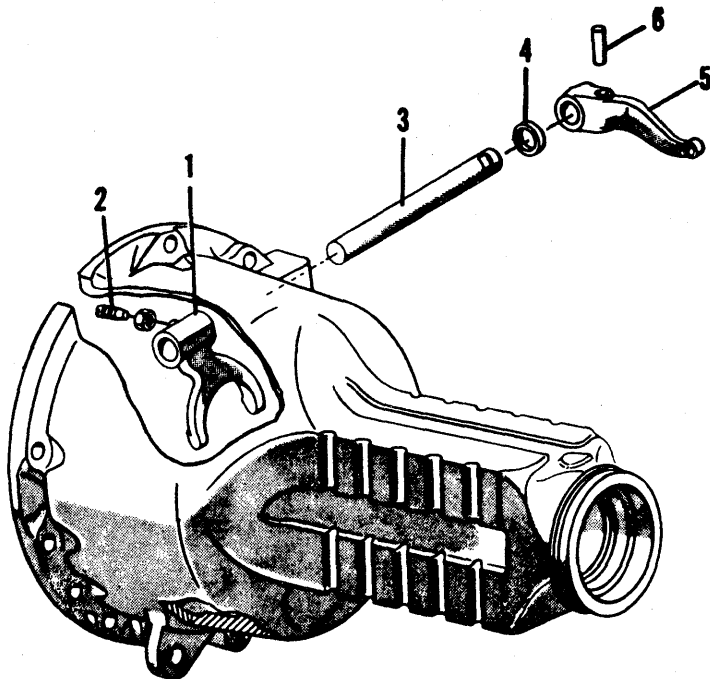
\*One used per Axle, as req'd

+Use one as req'd

BRAKE ASSEMBLY



DIFFERENTIAL LOCK LINKAGE





710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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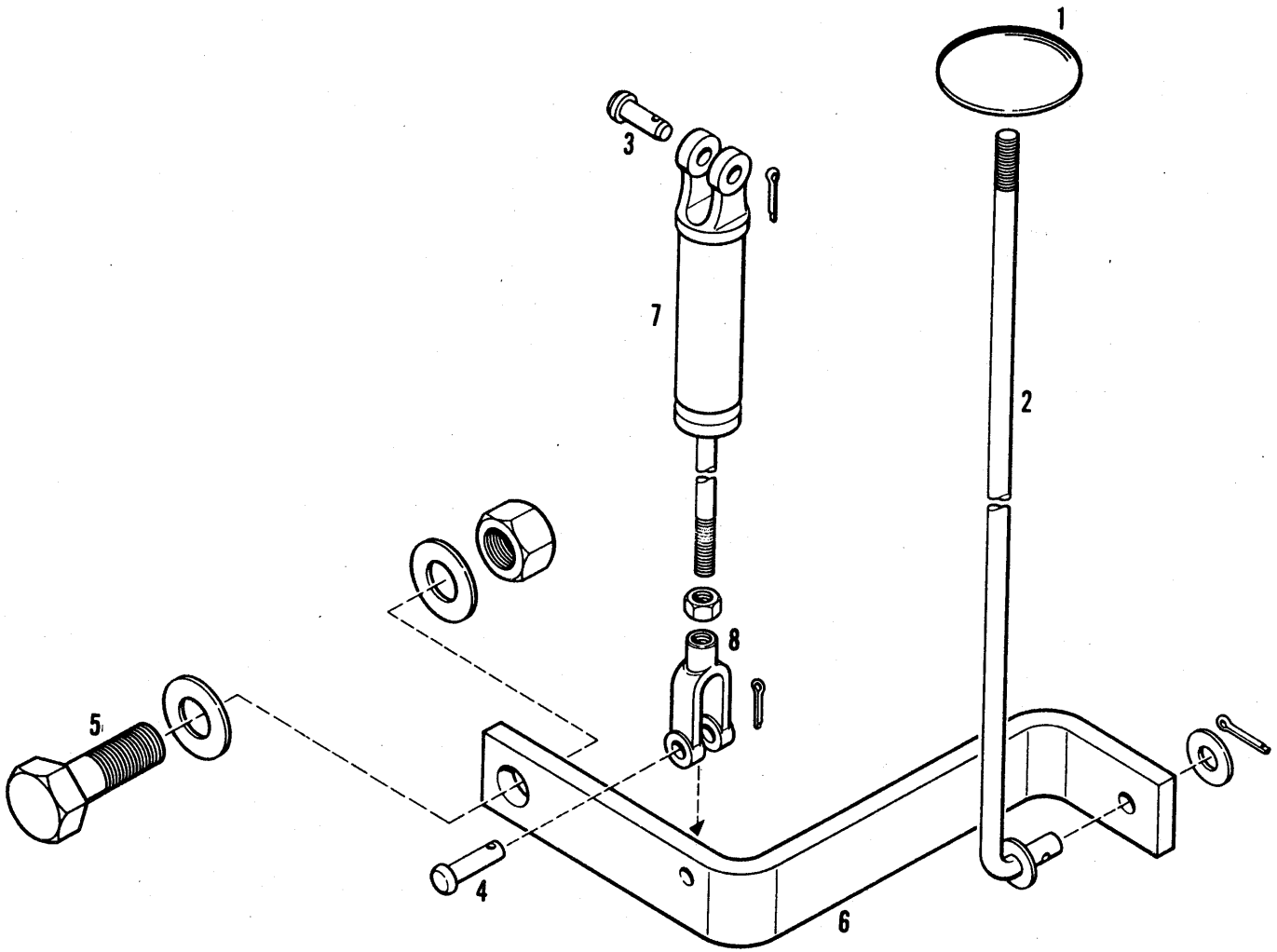
BRAKE ASSEMBLY

ITEM	NUMBER	QTY.	DESCRIPTION
1	1008544-7	2	HOUSING, brake, outer
2	1008547-0	1	HOUSING, brake, R.H. inner
3	1008548-8	1	HOUSING, brake, L.H. inner
4	1008554-6	8	DISK ASY., brake
5	1008555-3	4	DISK, intermediate
6	1008556-1	4	DISK, brake actuating
7	1008557-9	4	LINK, brake actuating
8	0917015-0	12	BALL, brake actuating
9	1008558-7	8	SPRING, disk return
10	1008559-5	4	PIN, disk pivot
11	0922471-8	4	NUT, jam, 7/16NF
12	1008518-1	12	STUD
13	1008519-9	4	STUD
14	0929839-9	16	NUT
15	1008560-3	2	PIN, brake control
16	1008561-1	2	ROD, brake control
17	1008521-5	2	PIN, clevis
	0918452-4	2	PIN, cotter, 1/8 x 1
18	1008563-7	2	SEAL ASY., brake rod
19	1012529-2	2	FASTENER, brake rod
20	1012530-0	2	WASHER, brake rod

DIFFERENTIAL LOCK LINKAGE

ITEM	NUMBER	QTY.	DESCRIPTION
1	1008553-8	1	FORK, differential lock
2	1008551-2	1	SCREW, fork lock
	0911048-7	1	NUT, 3/8NF
3	1008550-4	1	SHAFT, differential lock lever
4	1008552-0	1	SEAL, shaft
5	1008545-4	1	LEVER, differential lock operating
6	1008546-2	1	PIN, lever lock

DIFFERENTIAL LOCK



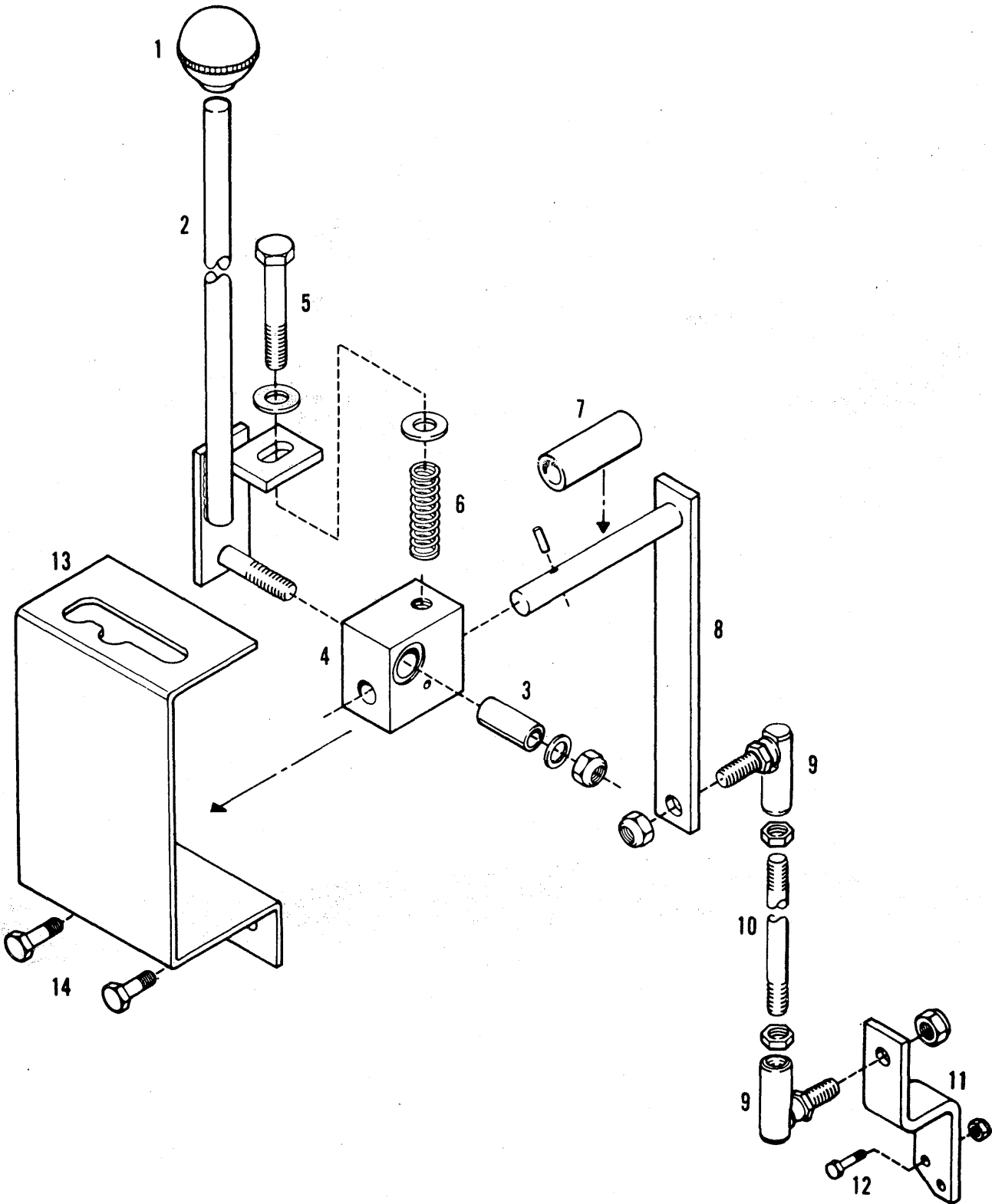
710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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DIFFERENTIAL LOCK

ITEM	NUMBER	QTY.	DESCRIPTION
1	1016511-6	1	PEDAL ASY.
2	1016510-8	1	ROD ASY., pedal
	0918448-2	2	PIN, cotter, 3/32 x 1
3	0923093-9	1	PIN
	0920117-9	1	PIN, cotter, 5/32 x 1-1/2
4	1012143-2	1	PIN
	0920438-9	2	NUT, 5/16NF
5	0925872-4	1	CAPSCREW, 3/4NC x 2-1/4
	0918269-2	2	WASHER, 3/4 SAE
	0923027-7	1	NUT, jam, 3/4NC
6	1016878-9	1	BAR
7	1012484-0	1	SPRING ASY.
8	1012485-7	1	YOKE, special

CONTROLS  
FORWARD & REVERSE  
TRANSMISSION



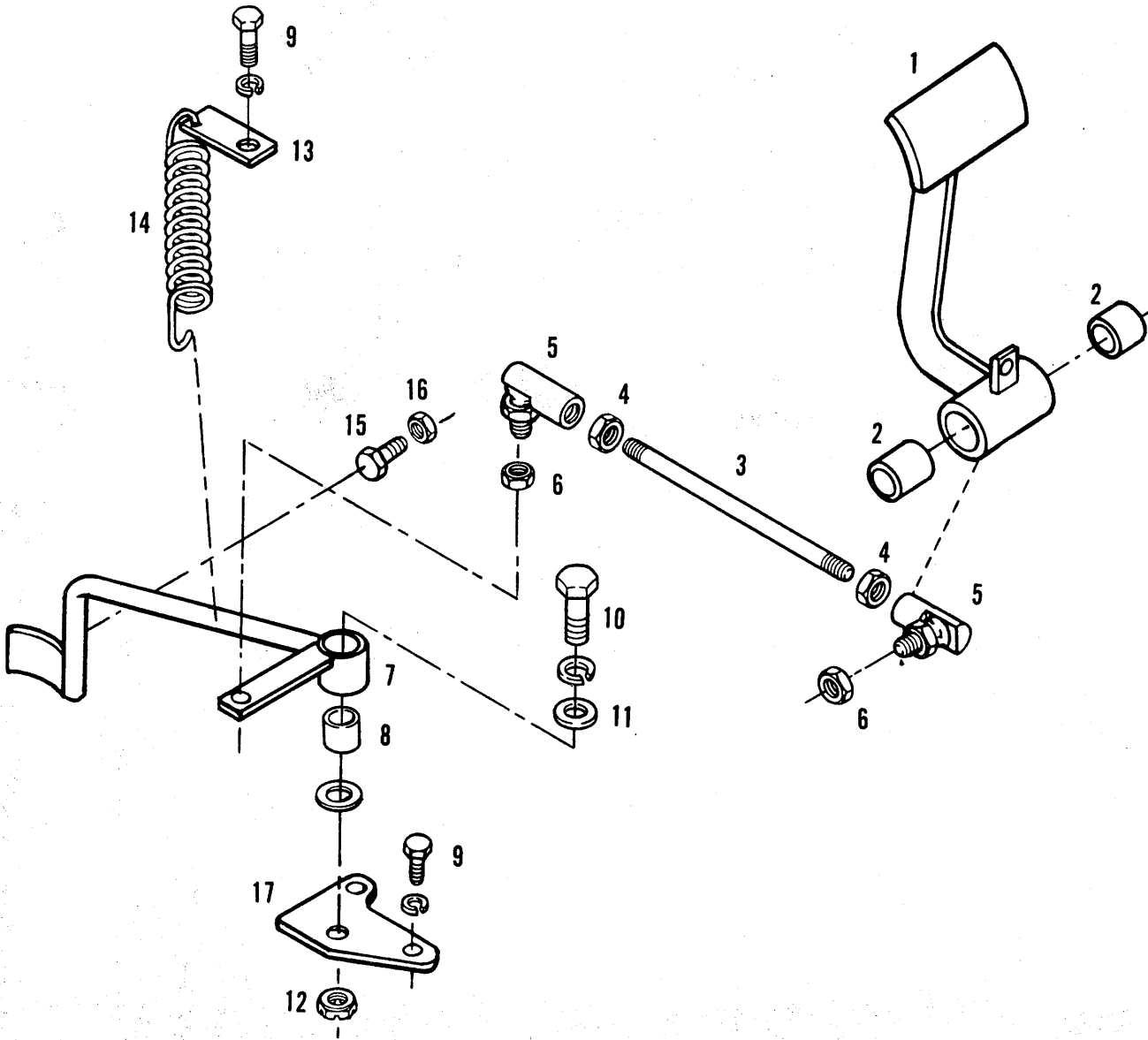
710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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CONTROLS  
FORWARD & REVERSE  
TRANSMISSION

ITEM	NUMBER	QTY.	DESCRIPTION
1	0243416-5	1	KNOB, handle
2	1016824-3	1	LEVER ASY., forward & reverse
	0917379-0	1	WASHER, flat
3	1008980-3	1	BUSHING, 3/8 x 1-1/4
4	1023279-1	1	BLOCK, pivot
5	0921972-6	1	CAPSCREW, 3/8NC x 3
	0918266-8	2	WASHER, flat
	0919439-0	1	NUT, lock, 3/8NC
6	1008964-7	1	SPRING
7	1023253-6	1	BUSHING, 1/2 x 2
8	1016819-3	1	SHAFT ASY., forward & reverse
	0922949-3	1	PIN, spirol, 1/4 x 1-1/2
9	0928219-5	2	JOINT, ball, 3/8NF
	0924332-0	2	NUT, lock, 3/8NF
10	1016820-1	1	ROD, shifter
	0918403-7	2	NUT, jam, 3/8NF
11	1016825-0	1	LEVER, trans. forward & reverse
12	0921960-1	2	CAPSCREW, 1/4NC x 1
	0920397-7	2	NUT, lock, 1/4NC
13	1017321-9	1	COVER ASY.
14	0927187-5	2	CAPSCREW, 3/8NC x 1

CLUTCH PEDAL & LINKAGE



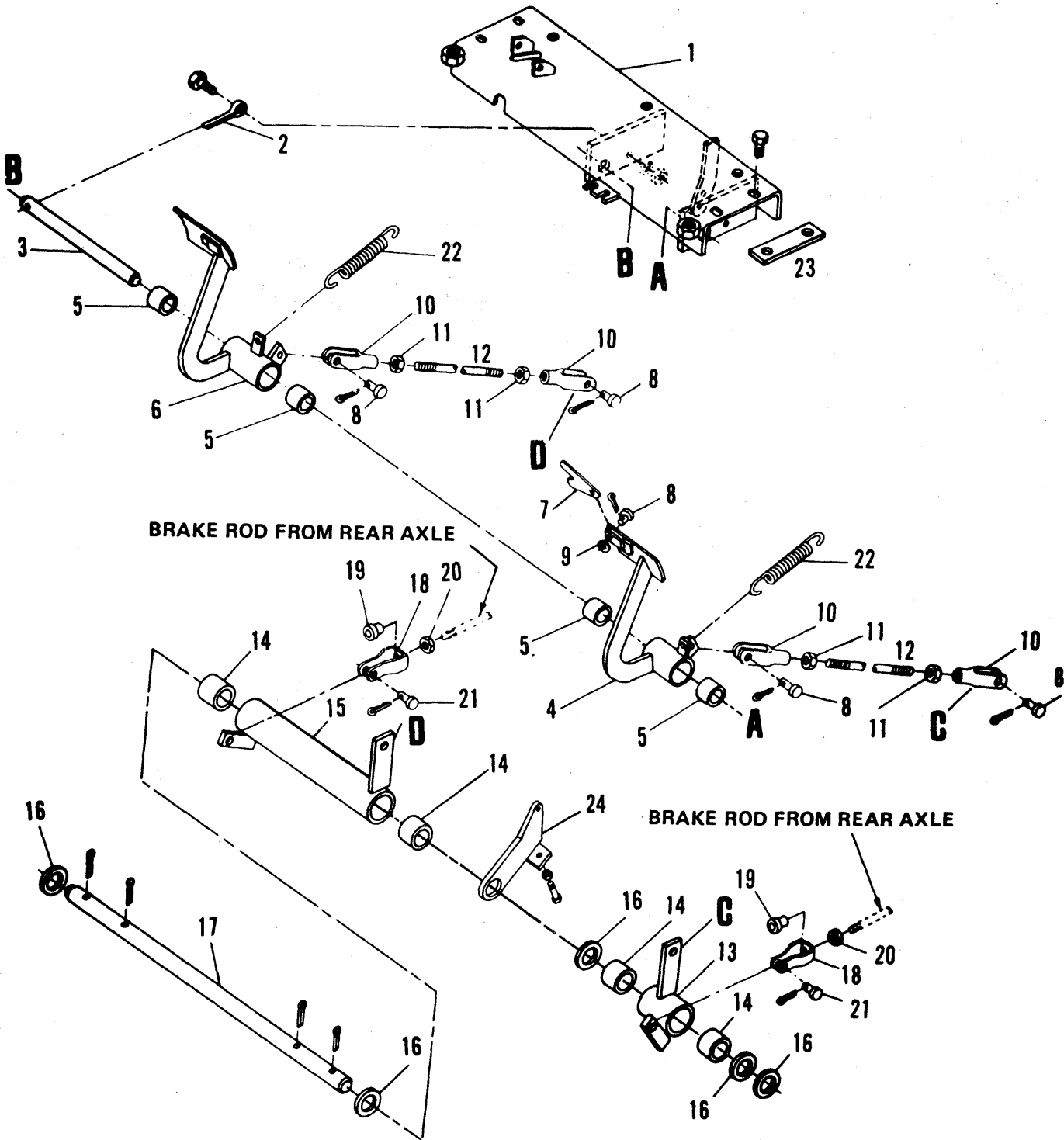
710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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CLUTCH PEDAL & LINKAGE

ITEM	NUMBER	QTY.	DESCRIPTION
1	1009025-6	1	PEDAL-ASY., clutch (Incl. Item 2)
2	0244975-9	2	BUSHING
3	1016882-1	1	SHAFT, clutch link
4	0918403-7	2	NUT, jam, pltd., 3/8NF
5	0928219-5	2	JOINT, ball
6	0924332-0	2	NUT, ESNA, 3/8NF
7	1018400-0	1	BELLCRANK ASY., clutch control
8	1009265-8	1	BUSHING
9	0921967-6	3	CAPSCREW, 3/8NC x 1-1/8, Gr. 5, pltd.
	0916965-7	3	LOCKWASHER, 3/8
10	0923191-1	1	CAPSCREW, 1/2NC x 3-1/4, Gr. 5, pltd.
	0917379-0	1	WASHER
11	0917379-0	2	WASHER, plain, 1/2
12	0922304-1	1	NUT, lock, 1/2NC, pltd.
13	1018399-4	1	PLATE, anchor
14	1008144-6	1	SPRING
15	1018401-8	1	CAPSCREW
16	0920438-9	1	NUT, jam, 5/16NC, pltd.
17	1016875-5	1	PLATE, mounting

BRAKE PEDALS & LINKAGE





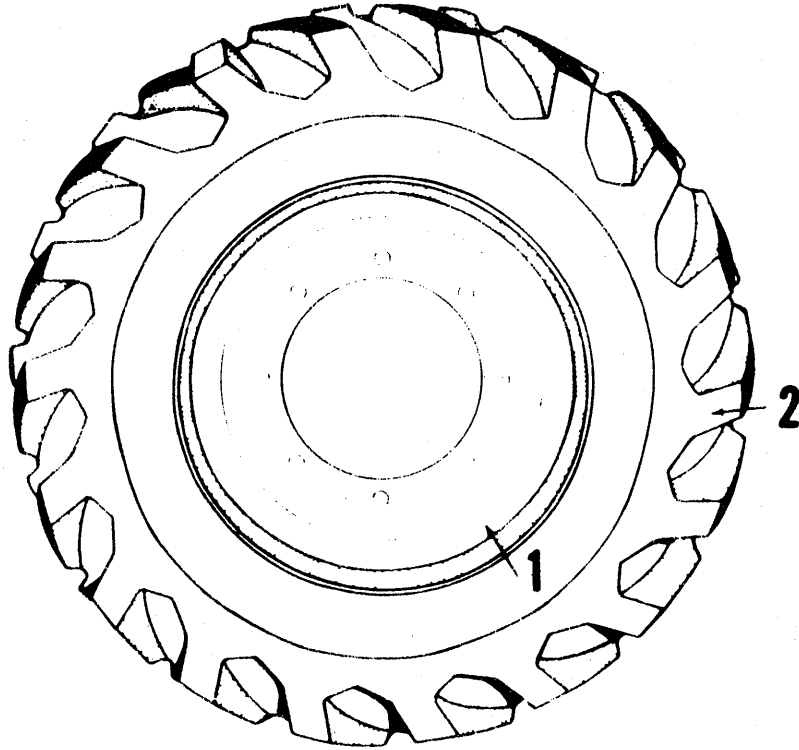
710C, 714C, 715C TRACTORS  
DRIVE TRAIN

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BRAKE PEDALS & LINKAGE

ITEM	NUMBER	QTY.	DESCRIPTION
1	1017996-8	1	CHANNEL ASY., brake pedal support
	0927187-5	4	CAPSCREW, 3/8NC x 3/4
2	0929957-9	1	PIN, cotter, 3/8 x 1
	0921969-2	1	CAPSCREW, 3/8NC x 1-1/2
	0916965-7	2	LOCKWASHER, 3/8
	0916950-9	1	NUT, 3/8NC
3	1009028-0	1	SHAFT, brake pedal
4	1017999-2	1	PEDAL ASY., brake, L.H. (Incls. 2 of Item 5)
5	0244975-9	4	BUSHING
6	1017998-4	1	PEDAL ASY., brake, R.H. (Incls. 2 of Item 5)
7	1009027-2	1	LOCK, pedal
8	0923087-1	5	PIN, clevis
	0918448-2	1	PIN, cotter, 3/32 x 1
9	0918266-8	1	WASHER, 3/8 SAE
10	0924121-7	4	YOKE
11	0918403-7	5	NUT, jam, 3/8NF
12	1009031-4	2	ROD
13	1017319-3	1	BELLCRANK ASY., L.H. (Incls. 2 of Item 14)
14	1008797-1	4	BUSHING
15	1009038-9	1	BELLCRANK ASY., R.H. (Incls. 2 of Item 14)
16	0922679-6	5	WASHER, 1-17/32 x 2-1/4 x No. 12
17	1009032-2	1	SHAFT, brake bellcrank
	0922002-1	4	PIN, cotter, 3/16 x 2
18	1009030-6	2	CLEVIS
19	1009029-8	2	NUT
20	0922471-8	2	NUT, jam, 7/16NF
21	0917647-0	2	PIN, yoke
	0918448-2	4	PIN, cotter, 3/32 x 1
22	0227700-2	3	SPRING, pedal return
23	1008951-4	2	BAR
24	1016951-4	1	LEVER ASY., park
	0921024-6	2	CAPSCREW, 1/2NC x 2
	0913744-9	2	NUT, jam, 1/2NC

TIRE & WHEEL, REAR



710C, 714C, 715C TRACTORS  
AXLE, STEERING & WHEELS

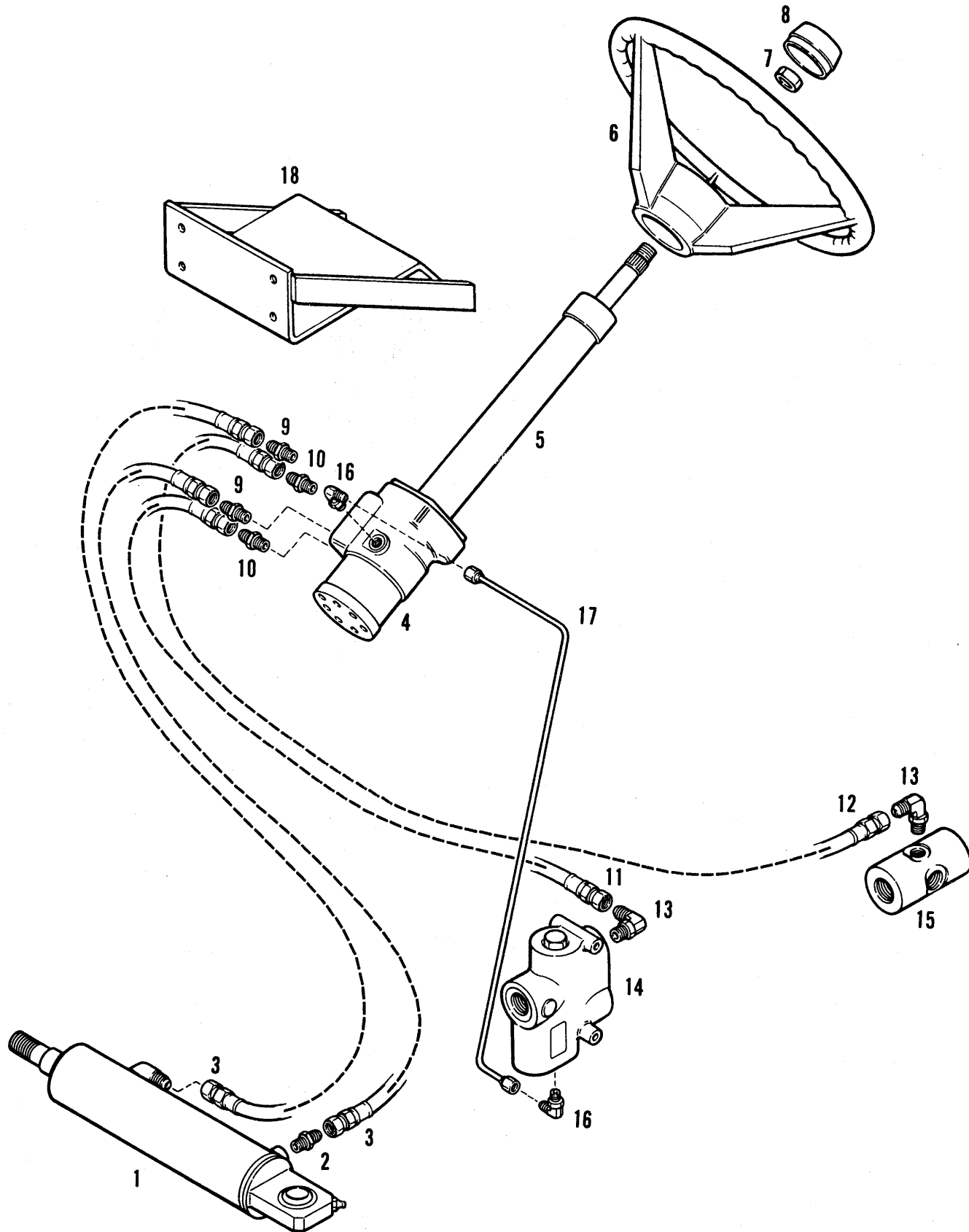
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TIRE & WHEEL, REAR

ITEM	NUMBER	QTY.	DESCRIPTION
1	1008697-3	2	WHEEL, rear - rim & disk (For 16.9-24, 17.5L-24 & 18.4-24)
	1023765-9	2	WHEEL, rear - rim & disk (For W156-24-710C)
2	-----	2	TIRE, tubeless 16.9-24 - 8 Ply - R-4 16.9-24 - 6 Ply - R-4 18.4-24 - 8 Ply - R-4
	1010930-4	16	NUT, 3/4NF
	1008679-1	16	LOCKWASHER
	1002846-2	1	VALVE ASY.

710C, 714C, 715C TRACTORS  
AXLE, STEERING & WHEELS

POWER STEERING



710C, 714C, 715C TRACTORS  
AXLE, STEERING & WHEELS

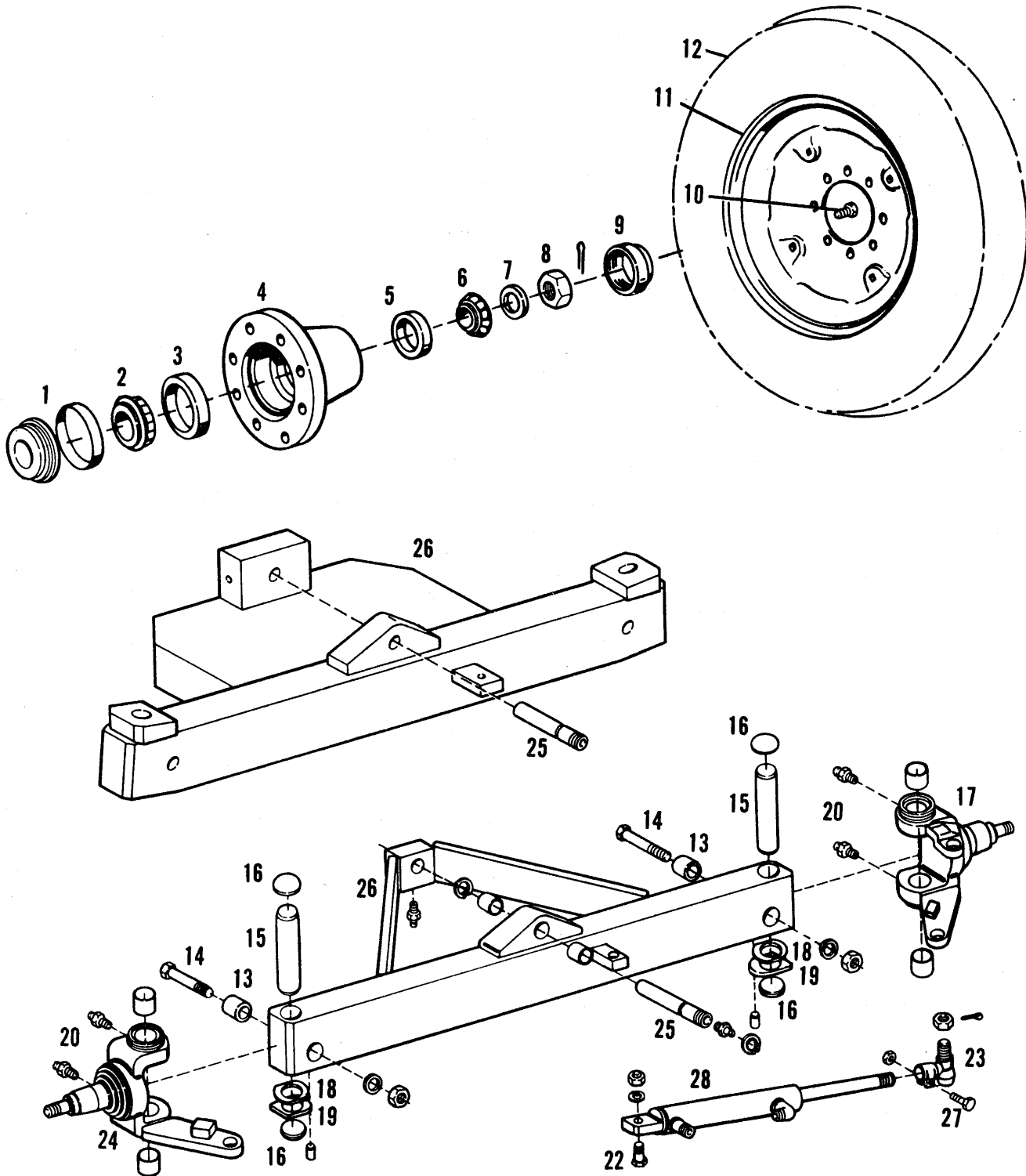
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POWER STEERING

ITEM	NUMBER	QTY.	DESCRIPTION
1	1008350-9	1	CYLINDER ASY., steering (Refer to POWER STEERING CYLINDER for component parts)
2	0922522-8	1	CONNECTOR, 9/16NF (Incl. O-RING)
	0921885-0	1	O-RING
3	1017962-0	2	HOSE ASY., steering cylinder to valve
4	1018812-6	1	VALVE ASY., steering (Refer to STEERING VALVE ASY. for component parts)
5	1019009-8	1	COLUMN, steering (Serviced only in complete ASY.)
	0923335-4	2	CAPSCREW, 3/8NC x 3/4
6	1142487-6	1	WHEEL, steering
7	0252471-8	1	NUT, center lock
8	0246722-3	1	CAP ASY.
9	0922457-7	2	CONNECTOR, reducing, "B" (Incl. O-RING)
	0921349-7	2	O-RING
10	0921409-9	2	CONNECTOR, "A" (Incl. O-RING)
	0921349-7	2	O-RING
11	1008143-8	1	HOSE ASY., steering valve to priority valve
12	1016923-3	1	HOSE ASY., steering valve to manifold
13	0921402-4	2	CONNECTOR, 90° (Incl. O-RING)
	0921349-7	2	O-RING
14	1019991-7	1	VALVE ASY., priority (Refer to PRIORITY VALVE ASY. for component parts)
	0925690-0	2	CAPSCREW, 5/16NC x 3-1/2
	0917356-8	2	LOCKWASHER, 5/16
	0917372-5	2	NUT, 5/16NC
15	1022402-0	1	MANIFOLD, return
	0930983-2	1	CLAMP
16	0922571-5	2	ELBOW, 90°, steering valve to priority valve (Incl. O-RING)
	0921883-5	2	O-RING
17	1022712-2	1	TUBE, steering to priority
18	1022157-0	1	BRACKET ASY.
	0916272-8	4	CAPSCREW
	0919439-0	4	NUT, lock

710C, 714C, 715C TRACTORS  
AXLE, STEERING & WHEELS

FRONT AXLE & WHEEL ASY. & MOUNTING



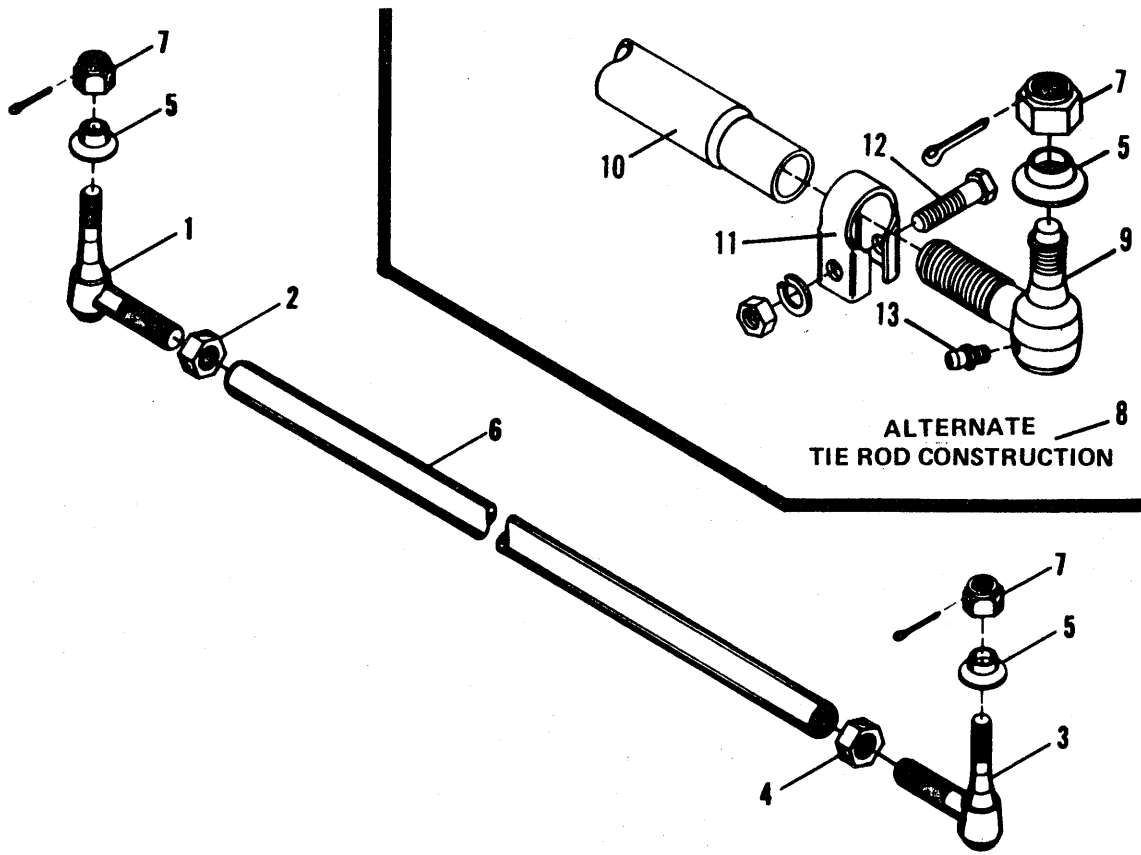
710C, 714C, 715C TRACTORS  
AXLE, STEERING & WHEELS

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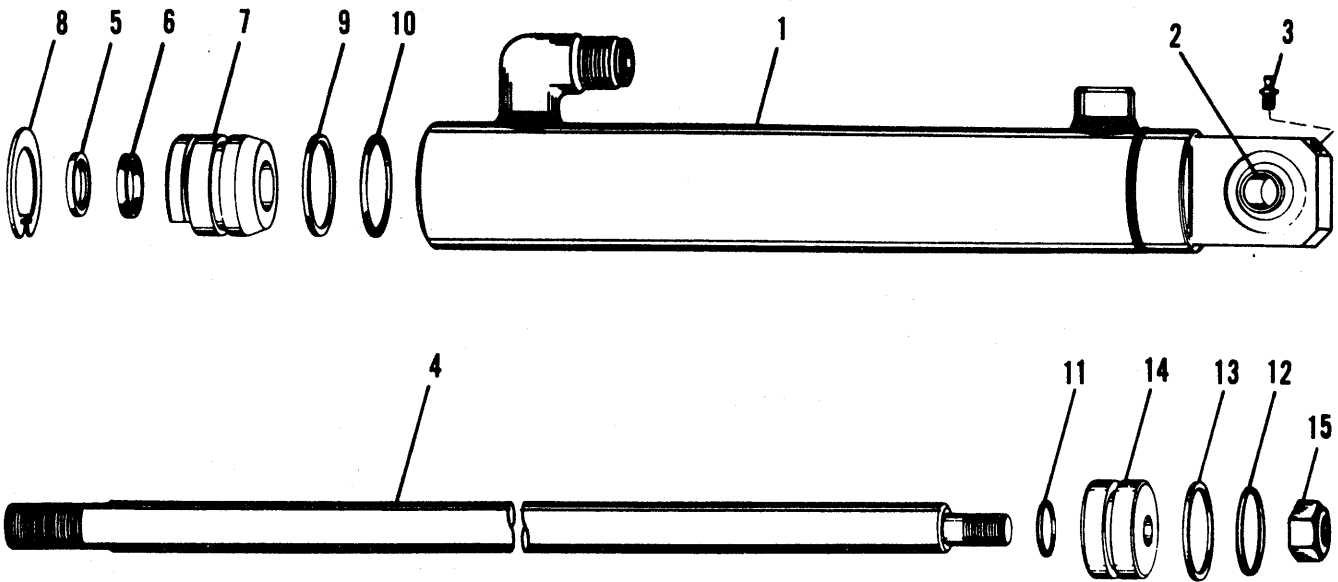
FRONT AXLE & WHEEL ASY. & MOUNTING

ITEM	NUMBER	QTY.	DESCRIPTION
1	-----	2	WEAR SEAL & SLEEVE KIT (Use SEAL 250857 & SLEEVE 250849)
	0250857-0	1	SEAL
	0250849-7	1	SLEEVE
2	0253011-1	2	CONE, inner bearing
3	4250616-2	2	CUP, inner bearing
4	0250854-7	1	HUB ASY. (Incls. 1 each of Items 3 & 5)
5	0209987-7	2	CUP, outer bearing
6	4255820-5	2	CONE, outer bearing
7	1008013-3	2	WASHER, spindle
8	0912624-4	2	NUT, 1-1/8NF
	0922002-1	1	PIN, cotter, 3/16 x 2
9	0250848-9	2	CAP, hub
10	0251693-8	16	BOLT, hub
11	0242534-6	2	RIM & DISK ASY.
12	-----	1	TIRE (11L-16 - 10 ply) (Obtain locally) (Use 16.9-24, 6 Ply, R4 for 714 LOADER only)
13	1019040-3	2	RETAINER
14	0924742-0	2	CAPSCREW, 3/4NC x 4-1/2
	0919332-7	1	LOCKWASHER, 3/4
	0913160-8	1	NUT, 3/4NC
15	1019039-5	2	PIN, king
16	1006174-5	4	PLUG, expansion
17	1013432-8	1	KNUCKLE ASY., R.H. (Incls. BUSHINGS)
	1006353-5	1	BUSHING
	1001115-3	1	BUSHING
	0922887-5	2	FITTING, lube
18	1006176-0	2	WASHER, thrust
19	1006177-8	2	WASHER, thrust
20	0922887-5	4	FITTING, lube
21	1013290-0	1	ROD ASY., tie (Refer to TIE ROD ASY. for component parts) (Not shown)
22	0251744-9	1	CAPSCREW
	0244237-4	1	WASHER
	0922002-1	1	PIN, cotter, 3/16 x 2
	0918787-3	1	NUT, 3/4NF
23	1013425-2	1	CYLINDER END ASY. (Incls. DUST SEAL & NUT)
	1003580-6	1	SEAL, dust
	0925719-7	1	PIN, cotter, 1/8 x 2
	0921295-2	1	NUT, 7/8NF
24	1008314-5	1	KNUCKLE ASY., L.H. (Incls. BUSHINGS)
	1006353-5	1	BUSHING
	1001115-3	1	BUSHING
	0922887-5	2	FITTING, lube
	-----	1	WIRE (1")
25	1008313-7	1	PIN, axle mount
	0922679-6	2	WASHER, 1-17/32 x 2-1/4 x No. 12
	0928179-1	2	RING, retainer
26	1008309-5	1	AXLE ASY. Standard (Incls. BUSHINGS, PINS & Item 20)
	1023413-6	1	AXLE ASY. w/counterweight (Incls. BUSHINGS, PINS & Item 20)
	2018402-4	2	BUSHING
	0930917-0	2	PIN, dowel
	0914465-0	2	FITTING, grease, 1/8 str.
27	0921971-8	1	CAPSCREW, 3/8NC x 1-3/4
	0919442-4	1	NUT, 3/8NC
28	-----	1	STEERING CYLINDER ASY., power (Refer to POWER STEERING CYLINDER for components)

TIE ROD ASSEMBLY



POWER STEERING CYLINDER





710C, 714C, 715C TRACTORS  
AXLE, STEERING & WHEELS

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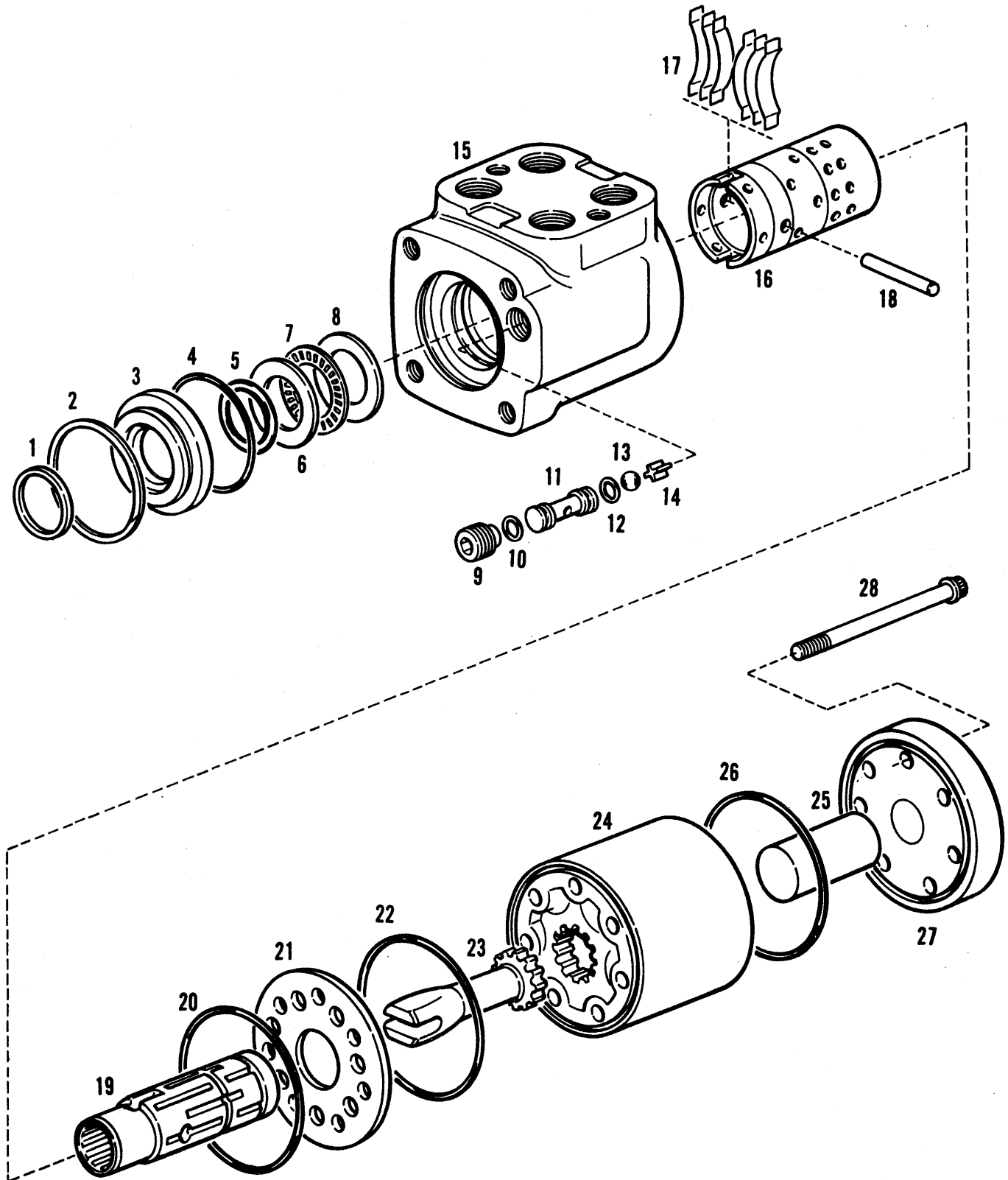
TIE ROD ASSEMBLY

ITEM	NUMBER	QTY.	DESCRIPTION
-	1013290-0	1	ROD ASY., tie
1	1007069-6	1	ROD END, tie (L.H. thread) (Incls. 1 of Item 5)
2	1007071-2	1	LOCKNUT, L.H. thread
3	1007070-4	1	ROD END, tie (R.H. thread)
4	1003604-4	1	LOCKNUT, R.H. thread
5	1003580-6	2	SEAL, tie rod end
6	-----	1	ROD (Not serviced)
7	0921295-2	2	NUT, 7/8NF
	0925719-7	1	PIN, cotter, 1/8 x 2
8	1013290-0	1	ROD ASY., tie
9	1013291-8	1	ROD END, tie, L.H. (Incls. 1 of Items 5 & 13)
	1013292-6	1	ROD END, tie, R.H. (Incls. 1 of Items 5 & 13)
10	1013293-4	1	ROD
11	1013294-2	2	CLAMP
12	0920356-3	2	CAPSCREW, 5/8NF x 2-3/4
	0923111-9	2	CAPSCREW, 5/8NC x 3 (Optional)
	0917373-3	1	LOCKWASHER, 5/8
	0918241-1	1	NUT, 5/8NF
13	9002032-2	2	FITTING, grease, 1/8 str. (Pkg. of 10)

POWER STEERING CYLINDER

ITEM	NUMBER	QTY.	DESCRIPTION
-	1008350-9	1	STEERING CYLINDER ASY. (Incls. Items 1 thru 15)
1	1008360-8	1	TUBE ASY. (Incls. Items 2 & 3)
2	0244019-6	1	BUSHING
3	9002032-2	1	FITTING, grease, 1/8 str. (Pkg. of 10)
4	1008361-6	1	ROD ASY. (Incls. Item 15)
5	0542629-1	1	WIPER
6	1001076-7	1	T-SEAL
7	1008356-6	1	HEAD
8	0927704-7	1	RING, retainer
9	0926623-0	1	WASHER, backup
10	0926535-6	1	O-RING
11	0923575-5	1	O-RING
12	0923684-5	1	O-RING
13	0931894-0	1	SEAL, piston
14	1008357-4	1	PISTON
15	1010930-4	1	NUT, 3/4NF
-	1008359-0	1	REPAIR KIT, major seal (Incls. Items 5, 6, & 9 thru 13)

CONTROL VALVE  
POWER STEERING

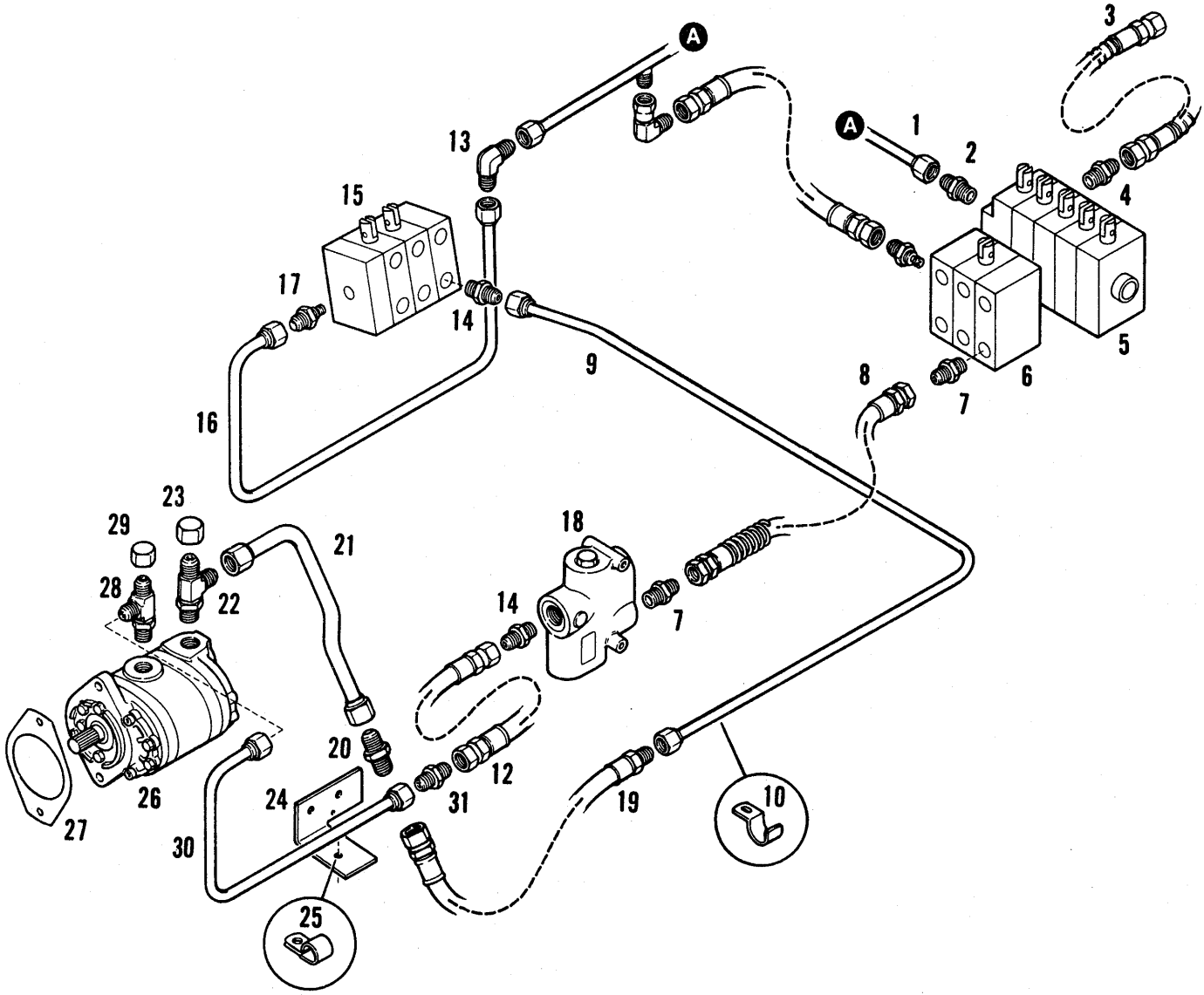


710C, 714C, 715C TRACTORS  
 AXLE, STEERING & WHEELS

CONTROL VALVE  
 POWER STEERING

ITEM	NUMBER	QTY.	DESCRIPTION
—	1018812-6	1	VALVE ASY., control
1	-----	1	SEAL, oil (Order KIT 239229)
2	0258715-2	1	RING, snap
3	0258716-0	1	BUSHING, seal gland
4	0923578-9	1	SEAL, o-ring
5	0239191-0	1	SEAL, quad ring
6	4914167-4	1	RACE, thrust
7	0627265-2	1	BEARING, needle thrust
8	4914167-4	1	RACE, thrust
9	0271325-3	1	SCREW, set
10	4912968-7	1	SEAL, o-ring
11	0271323-8	1	SEAT, check ball
12	0931404-8	1	SEAL, o-ring
13	0915904-7	1	BALL, check
14	0271322-0	1	RETAINER, check ball
15	-----	1	BODY, valve (Not serviced; order 1023167)
16	-----	1	SLEEVE (Not serviced; order 1023167)
17	4994901-9	1	SPRING, centering
18	0239176-1	1	PIN, centering
19	-----	1	SPOOL (Not serviced; order 1023167)
20	0261989-8	1	SEAL, o-ring
21	4914158-3	1	PLATE, spacer
22	0261989-8	1	SEAL, o-ring
23	1132770-7	1	DRIVE
24	1019153-4	1	GEROTOR SET
25	1019154-2	1	SPACER
26	0261989-8	1	SEAL, o-ring
27	0271319-6	1	CAP, end
28	1009961-2	7	CAPSCREW

PRESSURE LINES



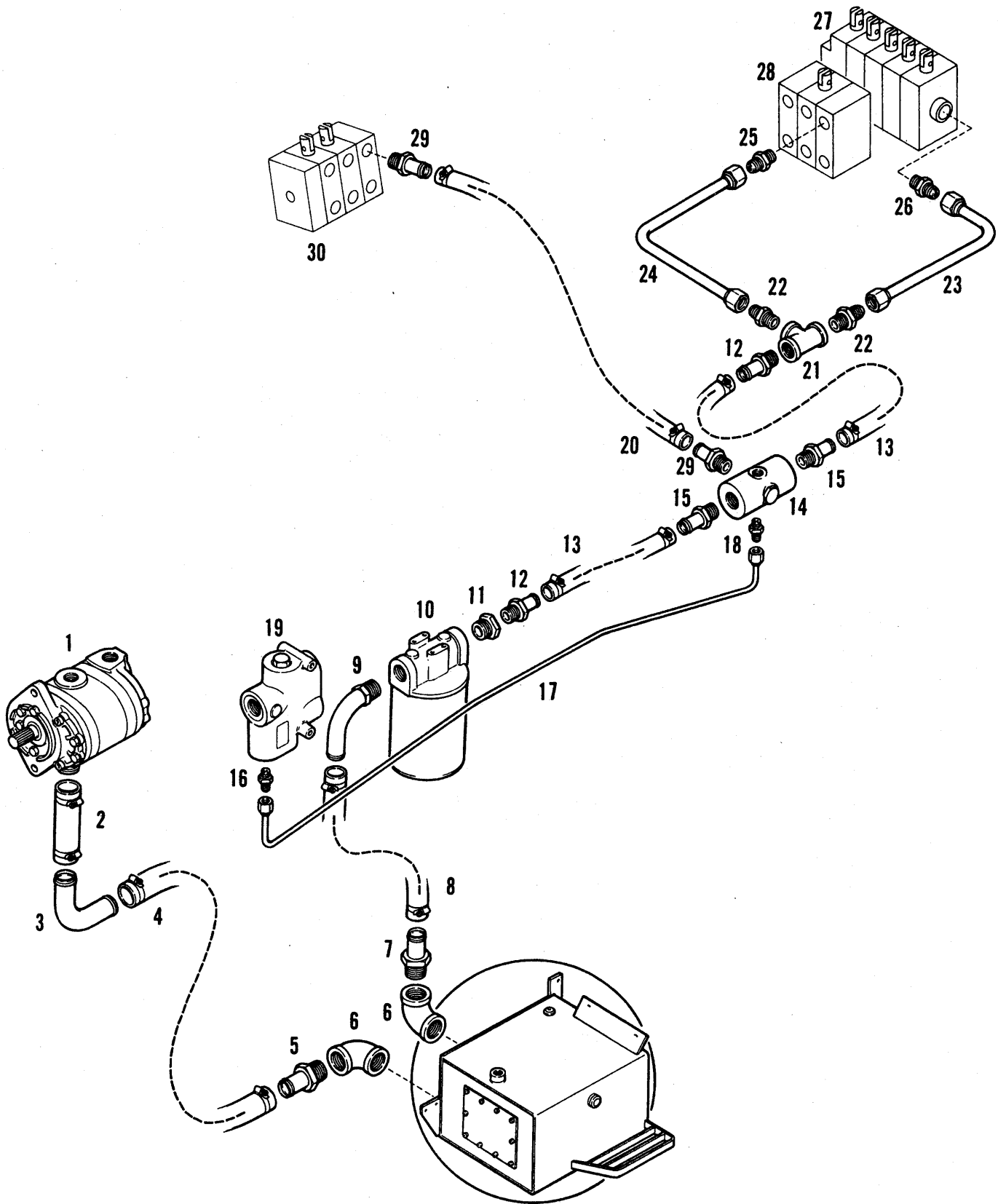
710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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PRESSURE LINES

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023385-6	1	TUBE ASY., backhoe valve supply
2	0921228-3	1	CONNECTOR (Incl. O-RING)
	0921214-3	1	O-RING
3	1008168-5	6	HOSE ASY., valve to swing frame
4	0924023-5	6	CONNECTOR (Incl. O-RING)
	0921206-9	6	O-RING
5	1023198-3	1	VALVE ASY., backhoe (Refer to BACKHOE CONTROL VALVE ASY. for component parts)
6	1018622-9	1	VALVE ASY., swing (Refer to SWING VALVE ASY. for component parts)
7	0924023-5	1	CONNECTOR (Incl. O-RING)
	0921206-9	1	O-RING
8	1008249-3	1	HOSE ASY., priority valve to swing valve
9	1022370-9	1	TUBE ASY., supply to loader valve
10	0234993-4	2	CLAMP
	-----	—	CUSHION, tape (Not serviced)
	0921960-1	2	CAPSCREW, 1/4NC x 1
	0916964-0	2	LOCKWASHER, 1/4
	0916622-4	2	NUT, 1/4NC
11	0919624-7	1	ELBOW, swivel 90°
12	1016922-5	2	HOSE ASY., 3/4 x 18
13	0921991-6	1	ELBOW, union 90°
14	0923174-7	2	CONNECTOR, st. (Incl. O-RING)
	0921206-9	2	O-RING
15	1018623-7	1	VALVE ASY., loader (Refer to LOADER VALVE ASY. for component parts)
	0925689-2	3	CAPSCREW, 5/16NC x 3
	0917356-8	3	LOCKWASHER, 5/16
	0917372-5	3	NUT, 5/16NC
16	1016930-8	1	TUBE ASY., loader valve to backhoe valve
17	1015355-9	1	ADAPTER, fitting
	1018640-1	1	SEAL KIT
18	1019991-7	1	VALVE ASY., priority (Refer to PRIORITY VALVE ASY. for component parts)
19	1016874-8	1	HOSE ASY., 3/4 x 21
20	0919268-3	1	UNION, st., supply to loader valve
21	1022997-9	1	TUBE ASY., pump outlet, rear
22	0922739-8	1	TEE (Incl. O-RING)
	0921214-3	1	O-RING
23	0922195-3	1	CAP
24	1022661-1	1	BRACKET
	0920676-4	2	CAPSCREW
	0918199-1	2	LOCKWASHER
25	0926049-8	1	CLAMP, hose
	0921967-6	1	CAPSCREW
	0916965-7	1	LOCKWASHER
	0916950-9	1	NUT
26	1022474-9	1	PUMP ASY., dual (Refer to IMPLEMENT PUMP ASY. for component parts)
	0915987-2	2	CAPSCREW
	0916966-5	2	LOCKWASHER, 1/2
27	1012230-7	1	GASKET, pump
28	0922181-3	1	TEE (Incl. O-RING)
	0921206-9	1	O-RING
29	0921244-0	1	CAP
30	1022371-7	1	TUBE ASY., pump outlet - front
31	0919267-5	1	CONNECTOR, male, V.I.C.

SUCTION & RETURN LINES



710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

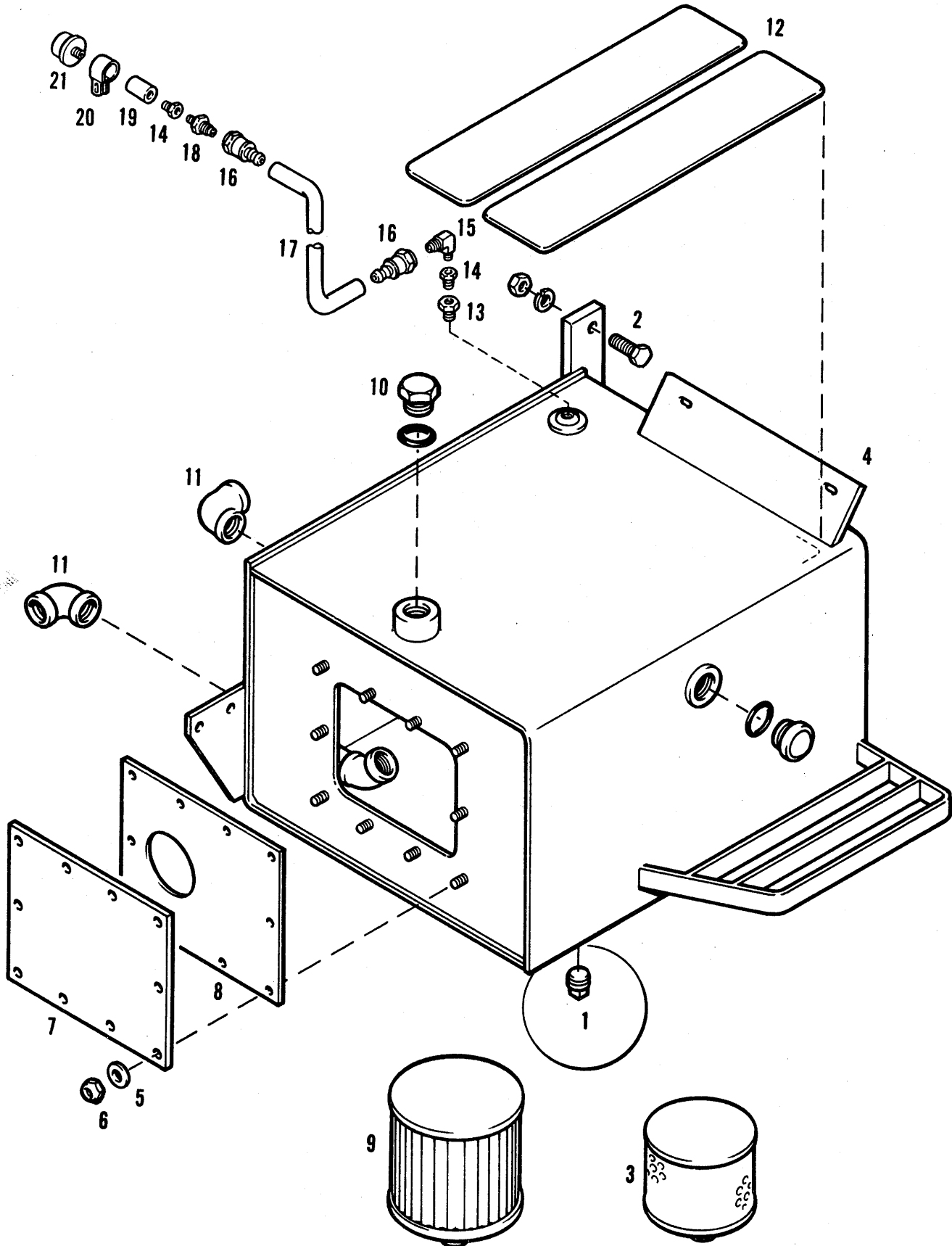
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SUCTION & RETURN LINES

ITEM	NUMBER	QTY.	DESCRIPTION
1	1022474-9	1	PUMP ASY., hydraulic, dual (Refer to IMPLEMENT PUMP ASY. for component parts)
2	1009326-8	1	HOSE, steering pump, suction
	0925881-5	2	CLAMP
3	1009371-4	1	TUBE, suction
4	1016901-9	1	HOSE, suction
	0925881-5	2	CLAMP
5	0925057-2	1	NIPPLE, hose, st. male, pipe
6	0901682-5	2	ELBOW, 90°
7	0926868-1	1	NIPPLE, hose, st. male, pipe
8	1016900-1	1	HOSE (to filter)
	0925881-5	2	CLAMP
9	1018875-3	1	FITTING, pipe, 90° st.
10	1022524-1	1	FILTER ASY. (Incl. ELEMENT)
	1022525-8	1	ELEMENT
	0921333-1	2	CAPSCREW, 5/16NC x 1
	0917356-8	2	LOCKWASHER, 5/16
11	0901830-0	1	FITTING, reducer bushing
12	0925056-4	3	NIPPLE, hose
13	1016899-5	1	HOSE, filter to manifold
	0921912-2	4	CLAMP
14	1022402-0	1	MANIFOLD, return
	0930983-2	1	CLAMP
	0921204-4	1	PLUG (Incl. O-RING)
	0921206-9	1	O-RING
15	0926870-7	2	FITTING, hose - manifold
16	0923163-0	1	CONNECTOR, st. (Incl. O-RING)
	0921883-5	1	O-RING
17	1022713-0	1	TUBE ASY., return
18	0926292-4	1	CONNECTOR, st., manifold (Incl. O-RING)
	0921885-0	1	O-RING
19	1019991-7	1	VALVE ASY., priority (See PRIORITY VALVE ASY. for component parts)
20	1016898-7	1	HOSE, manifold to loader valve
	0921912-2	2	CLAMP
21	0901707-0	1	TEE, 1" NPT
22	0919064-6	2	FITTING, tube connector, JIC
23	1009047-0	1	TUBE ASY., backhoe valve outlet
24	1023174-4	1	TUBE ASY., swing return
25	0923174-7	1	CONNECTOR, st. (Incl. O-RING)
	0921206-9	1	O-RING
26	0921228-3	1	CONNECTOR, st. (Incl. O-RING)
	0921214-3	1	O-RING
27	1023198-3	1	VALVE ASY., backhoe (Refer to BACKHOE VALVE ASY. for component parts)
28	1018622-9	1	VALVE ASY., swing (Refer to SWING VALVE ASY. for component parts)
29	0928509-9	2	FITTING, hose - loader valve to manifold
30	1018623-7	1	VALVE ASY., loader (Refer to LOADER VALVE ASY. for component parts)

710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

RESERVOIR





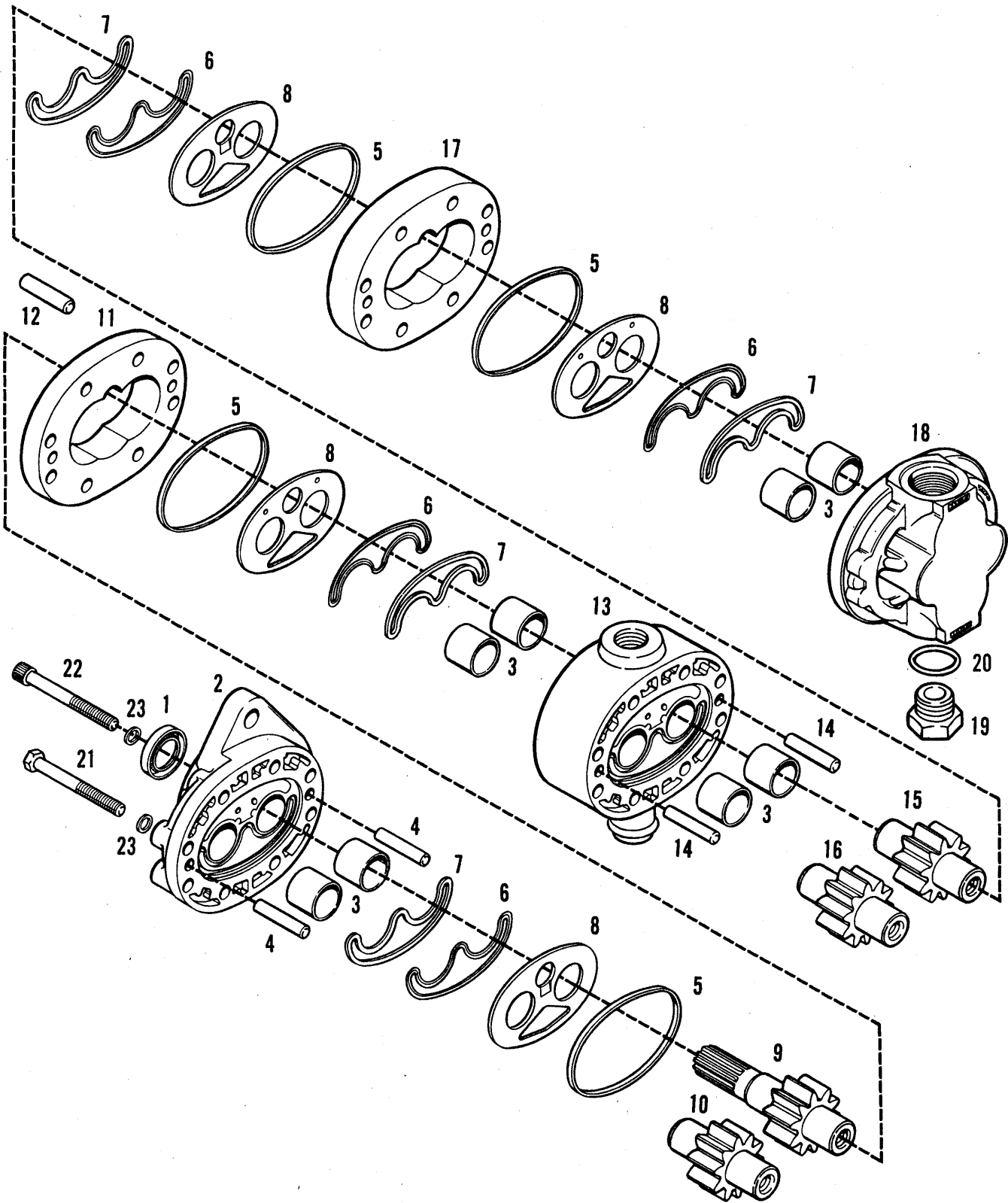
710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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RESERVOIR

ITEM	NUMBER	QTY.	DESCRIPTION
1	0905261-4	1	PLUG, drain
2	0915987-2	4	CAPSCREW, 1/2NC x 1-1/2
	0916966-5	4	LOCKWASHER, 1/2
	0916951-7	4	NUT, 1/2NC
3	1009147-8	1	DIFFUSER
4	1023100-9	1	RESERVOIR ASY.
	1007501-8	1	GAUGE, sight
	0923646-4	1	O-RING
5	0918266-8	10	WASHER, 3/8
6	0927537-1	10	NUT, lock, 3/8NC
7	1018874-6	1	COVER ASY.
8	1009098-3	1	GASKET, cover
9	1009146-0	1	STRAINER
10	0921216-8	1	PLUG, filler
11	0901682-5	2	ELBOW, 90° (Refer to PRESSURE LINES for Connection)
12	1011496-5	2	TAPE, non-skid
13	0910839-0	1	BUSHING, 1/4 x 1/2
14	0901825-0	2	BUSHING, 1/8 x 1/4
15	0910161-9	1	ELBOW, 1/8 x 7/16
16	0920805-9	2	FITTING, hose
17	1023631-3	1	HOSE, 1/4 I.D.
18	0910141-1	1	CONNECTOR, 1/4 x 7/16
19	0901764-1	1	COUPLING, 1/4NPT
20	0926049-8	1	CLAMP
	0927537-1	1	NUT, lock, 3/8NC
21	2017702-8	1	BREATHER

IMPLEMENT PUMP



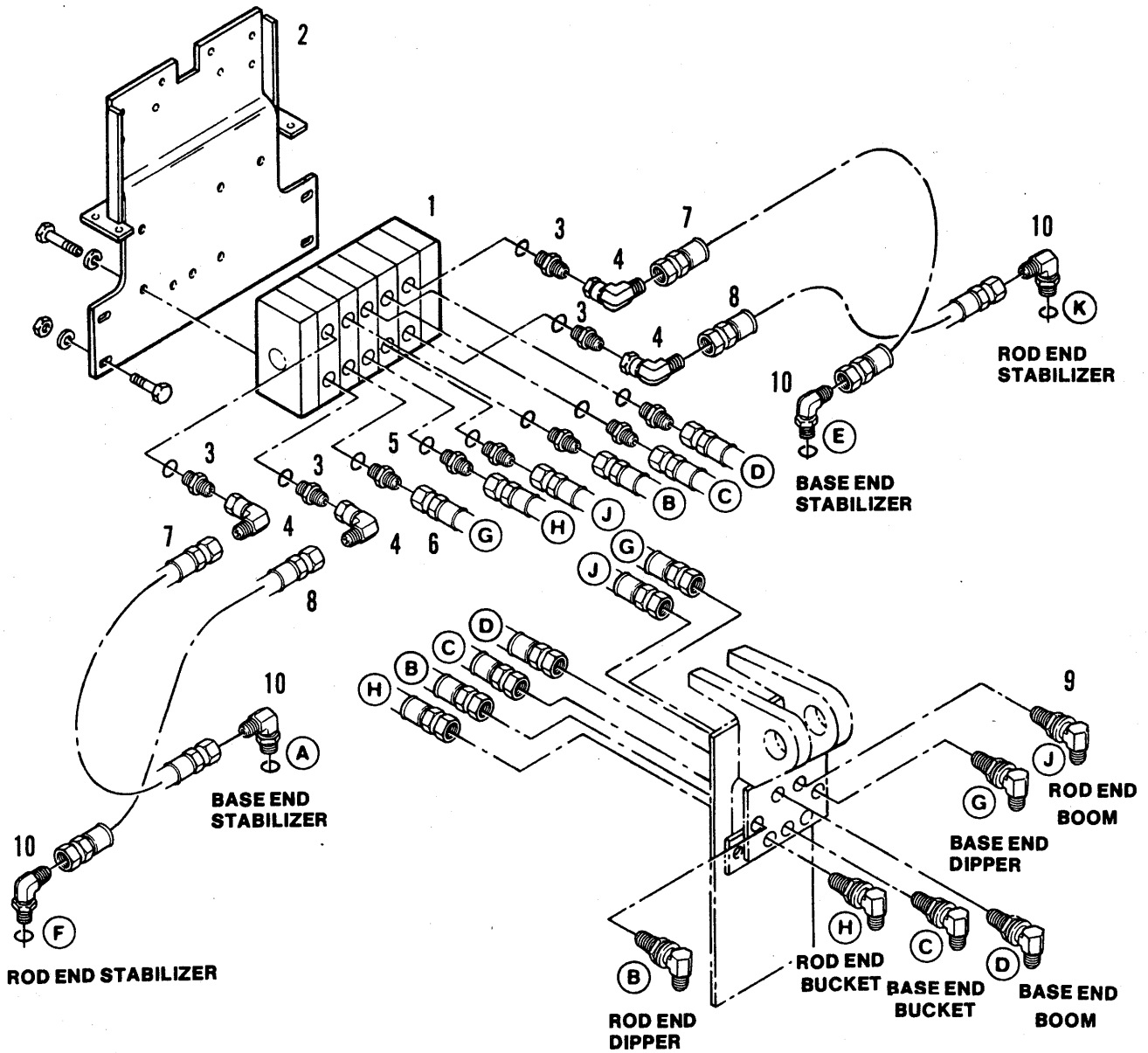
710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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IMPLEMENT PUMP

ITEM	NUMBER	QTY.	DESCRIPTION
-	1022474-9	1	PUMP ASY., implement
1	0250324-1	1	SEAL, oil
2	1023466-4	1	BODY ASY., R.H. pump (Incl. 2 of Item 3)
3	0258632-9	8	BEARING, needle
4	1023474-8	2	DOWEL
5	-----	4	SEAL, ring (Use SEAL KIT 255947)
6	-----	4	SEAL, load (Use SEAL KIT 255947)
7	-----	4	SEAL, pre-load (Use SEAL KIT 255947)
8	0258627-9	4	PLATE, wear
9	1009416-7	1	SHAFT, gear - drive
10	1023470-6	1	SHAFT & GEAR ASY., idler
11	0250366-2	1	PLATE, gear
12	1009419-1	1	COUPLING
13	1023468-0	1	PLATE ASY., bearing (Incl. 4 of Item 3)
14	1023472-2	2	DOWEL
15	1009421-7	1	GEAR, drive
16	1023469-8	1	SHAFT & GEAR ASY., idler
17	0254195-1	1	PLATE, gear
18	1023479-7	1	COVER ASY. (Incl. 2 of Item 3)
19	1023478-9	1	PLUG
20	1023477-1	1	O-RING
21	1009429-0	6	CAPSCREW, hex. hd.
22	1023475-5	2	CAPSCREW, socket hd
23	0271018-4	8	WASHER
-	0255947-4	2	SEAL KIT (Incl. Items 5, 6 & 7)

BACKHOE VALVE & LINES



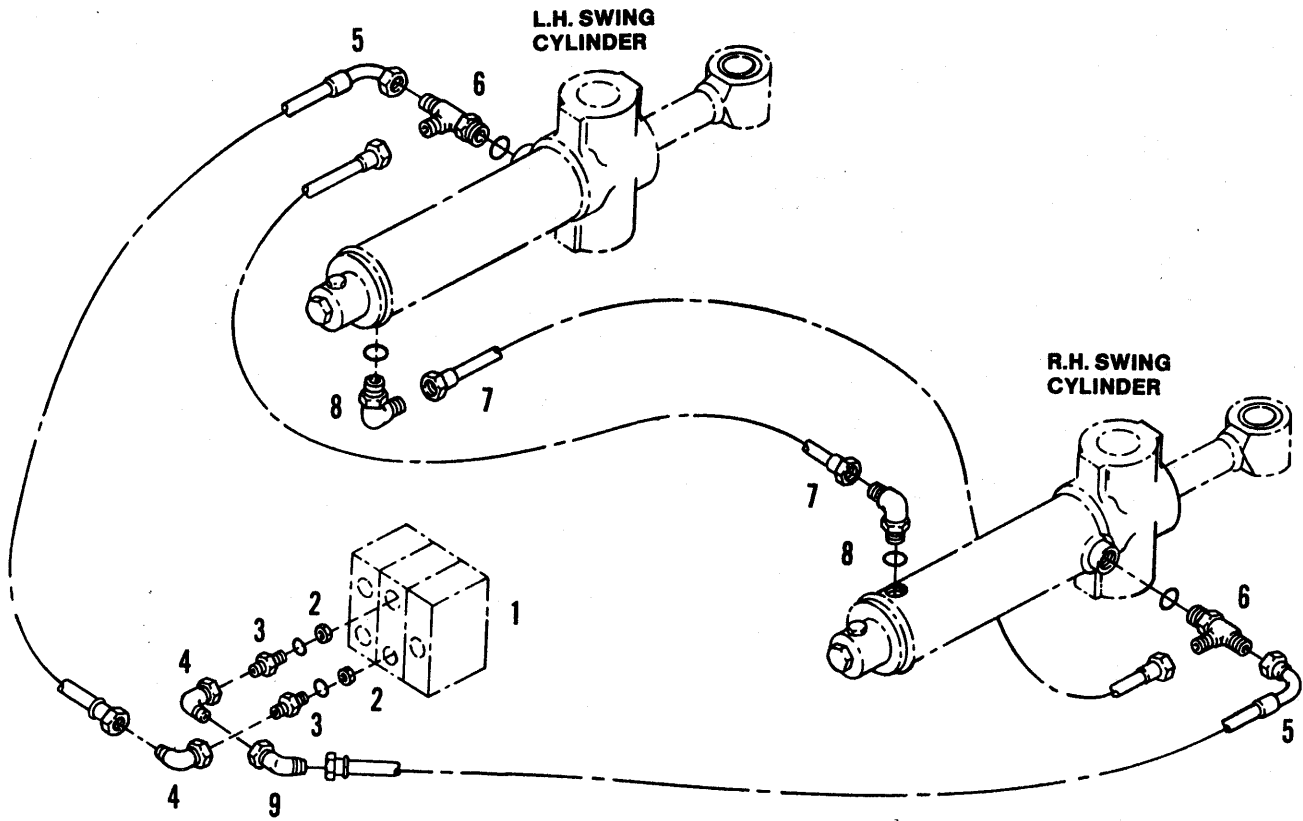
710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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BACKHOE VALVE & LINES

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023198-3	1	VALVE ASY., backhoe (Refer to BACKHOE VALVE ASY. for component parts)
	0922645-7	3	CAPSCREW, 1/2NC x 2-1/4
	0922304-1	3	LOCKNUT, 1/2NC
2	1023355-9	1	PLATE ASY., mounting
	0921176-4	4	CAPSCREW, 1/2NC x 1-1/4
	0916966-5	4	LOCKWASHER, 1/2
	0917379-0	4	WASHER, 1/2
	0916951-7	4	NUT, 1/2NC
3	0924296-7	4	CONNECTOR (Incl. O-RING)
	0921206-9	4	O-RING
4	0921279-6	4	ELBOW, swivel nut
5	0924023-5	6	CONNECTOR (Incl. O-RING)
	0921206-9	6	O-RING
6	1008168-5	6	HOSE ASY., valve to swing frame
7	1008143-8	2	HOSE ASY., valve to stab. cyl.
8	1017340-9	2	HOSE ASY., (Rod end)
9	1002675-5	6	ELBOW, bulkhead (Incl. NUT)
	0919620-5	6	NUT, 5/8 SAE
10	0921402-4	4	CONNECTOR, 90° (Incl. O-RING)
	0921349-7	4	O-RING
	1014475-6	2	PLATE, orifice (Base End of Cylinder)

SWING VALVE & LINES



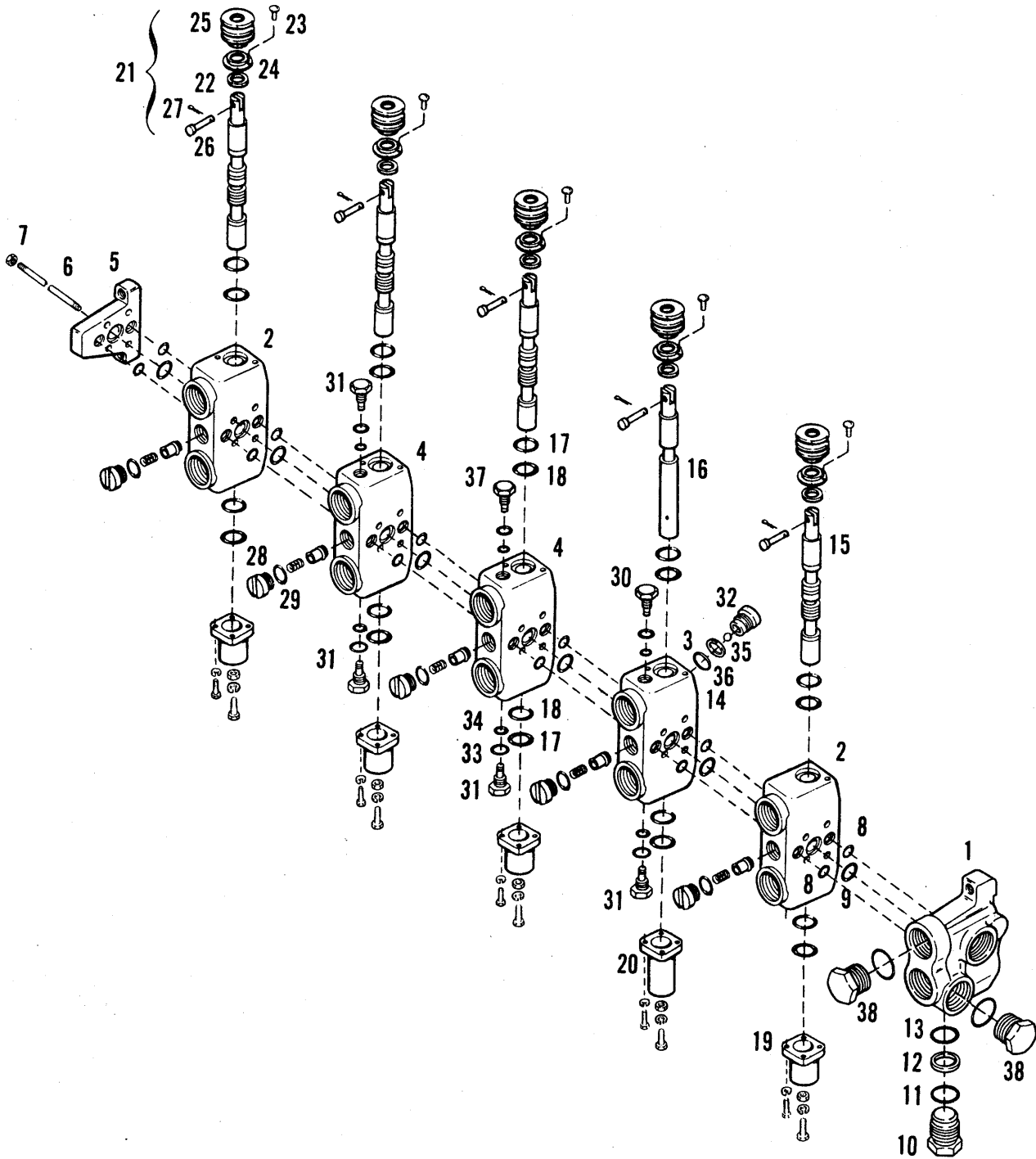
710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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SWING VALVE & LINES

ITEM	NUMBER	QTY.	DESCRIPTION
1	1018622-9	1	VALVE ASY., swing (Refer to SWING VALVE ASY. for component parts)
	0921719-1	3	CAPSCREW, 5/16NC x 2-1/2
	0917356-8	3	LOCKWASHER, 5/16
2	1014475-6	2	PLATE, orifice
3	0921409-9	2	CONNECTOR, st. (Incl. O-RING)
	0921349-7	2	O-RING
4	0921279-6	2	ELBOW, swivel nut
5	1012476-6	2	HOSE ASY., valve to swing cylinder
6	0922792-7	2	TEE, adjustable (Incl. O-RING)
	0921349-7	2	O-RING
7	1012481-6	2	HOSE ASY., swing cylinder to swing cylinder
8	0921402-4	2	ELBOW, adjustable (Incl. O-RING)
	0921349-7	2	O-RING
9	0925018-4	1	ELL, 45° swivel

CONTROL VALVE  
BACKHOE





710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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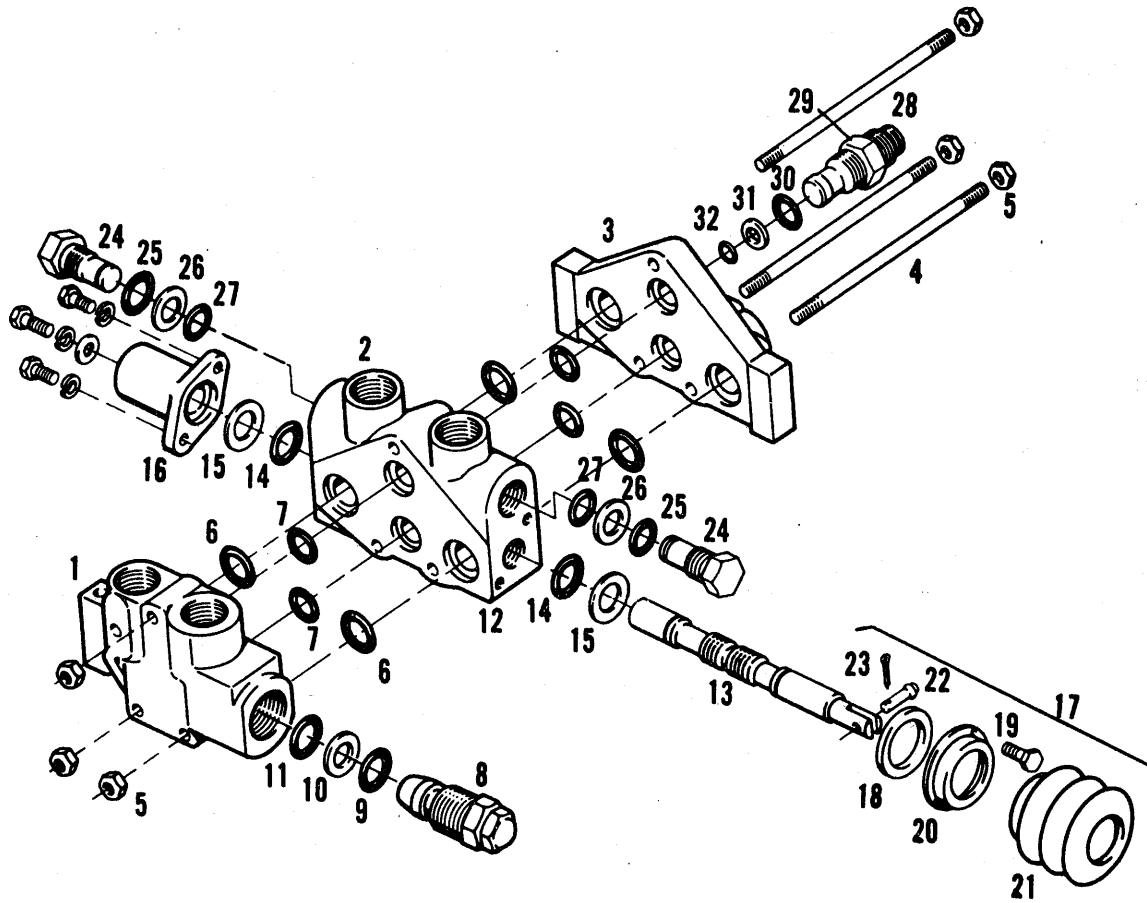
CONTROL VALVE  
BACKHOE

ITEM	NUMBER	QTY.	DESCRIPTION
—	1023198-3	1	VALVE ASY., backhoe
1	1023680-0	1	COVER, L.H. - inlet
2	1023681-8	2	SECTION, 4-way - stabilizer
3	1023682-6	1	SECTION, regen. - boom
4	1023683-4	2	SECTION, 4-way - bucket & dipper
5	1023684-2	1	COVER, R.E. - outlet
6	1023685-9	4	STUD
7	0916950-9	4	NUT, 3/BNC
8	-----	12	*O-RING
9	-----	6	*O-RING
10	1015493-8	1	PLUG KIT, no-relief (Incl. Items 11, 12 & 13)
11	-----	1	*O-RING
12	-----	1	*WASHER, backup
13	-----	1	*O-RING
14	-----	5	HOUSING (Serviced in Section Asy. only)
15	-----	4	SPOOL (Serviced in Section Asy. only)
16	-----	1	SPOOL (Serviced in Section Asy. only)
17	-----	10	*SEAL, spool
18	-----	10	*SEAL, o-ring
19	1023694-1	4	POSITIONER
20	1023695-8	1	POSITIONER
21	1015371-6	5	BOOT KIT (Incl. Items 22 thru 27)
22	-----	5	*BREATHER
23	-----	10	*SCREW
24	-----	5	*RETAINER
25	-----	5	*BOOT
26	-----	5	*PIN
27	-----	5	*PIN, cotter
28	1015370-8	5	PLUG, load check (Incl. SPRING & POPPET)
29	-----	5	*O-RING
30	1023686-7	1	VALVE, relief, 2000 P.S.I.
31	1023550-5	4	VALVE, relief, 3000 P.S.I.
32	1023690-9	1	VALVE, relief, anti-cav. check
33	-----	6	*O-RING
34	-----	6	*O-RING
35	-----	1	*O-RING
36	-----	1	*O-RING
37	1023687-5	1	PLUG KIT, upper
38	0921216-8	3	PLUG, cover (Incl. O-RING)
	0921214-3	3	O-RING
—	1015492-0	6	SEAL KIT, section (Incl. Items 8 & 9)
—	1023691-7	5	SEAL KIT, spool (Incl. Items 17 & 18)
—	1023692-5	4	SEAL KIT, plug (Incl. Items 33 & 34)
—	1023693-3	1	SEAL KIT, anti-cav. (Incl. Items 35 & 36)

\*Found in SEAL KITS.

710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

CONTROL VALVE  
BACKHOE SWING



710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

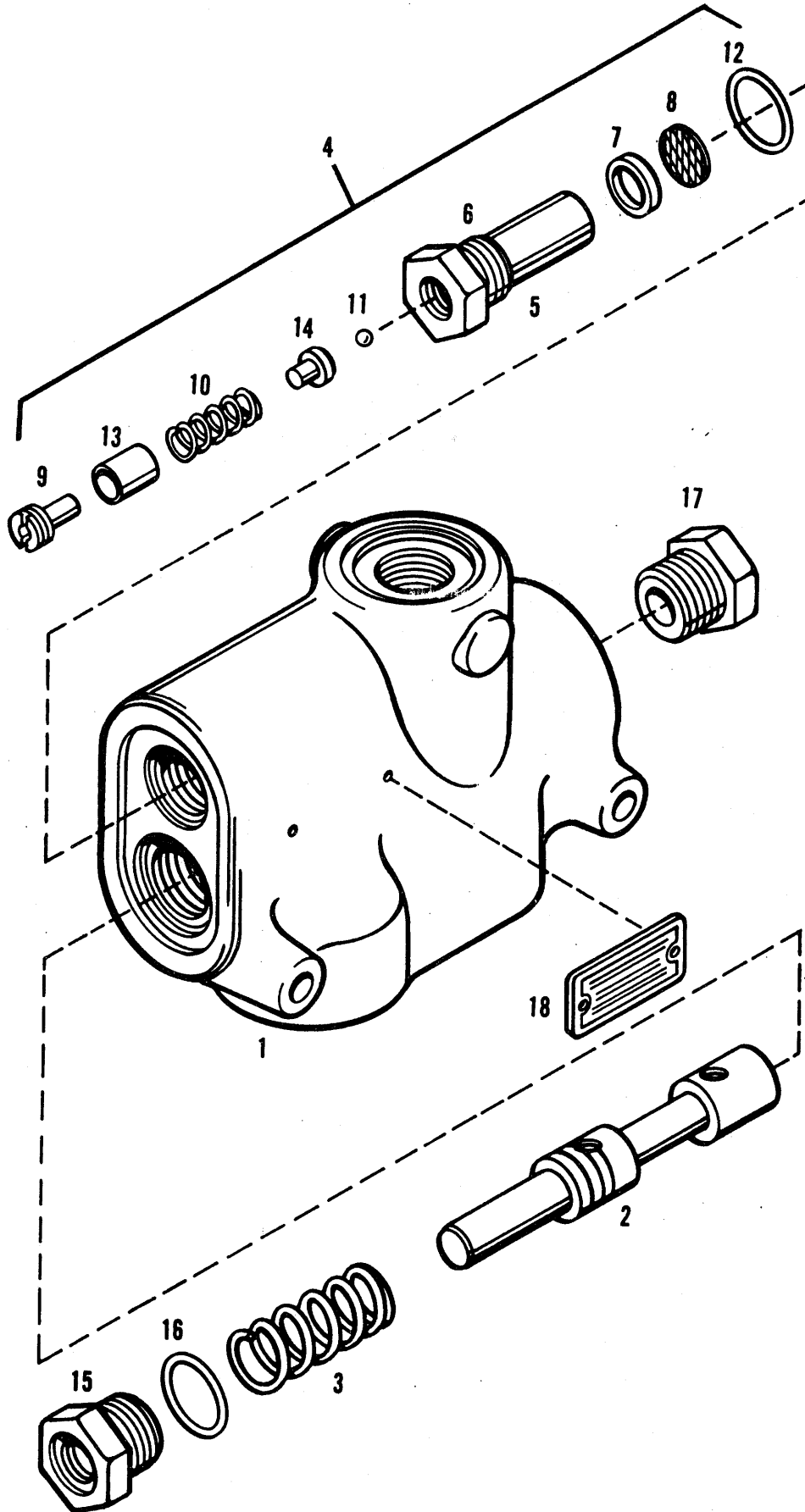
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CONTROL VALVE  
BACKHOE SWING

ITEM	NUMBER	QTY.	DESCRIPTION
—	1018622-9	—	VALVE ASY., swing
1	1018624-5	1	COVER, L.H.
2	1018625-2	1	SECTION, 4-way
3	1015353-4	1	COVER, R.H.
4	1018628-6	3	BOLT
5	0914929-5	3	NUT
6	-----	4	*O-RING
7	-----	4	*O-RING
8	1018627-8	1	CARTRIDGE, main relief (2450 PSI)
9	-----	1	*O-RING, seal
10	-----	1	*WASHER, backup
11	-----	1	*O-RING, seal
12	-----	1	HOUSING (Serviced in ASY. only)
13	-----	1	SPOOL, 4-way (Serviced in ASY. only)
14	-----	2	*O-RING, spool seal
15	-----	2	*WASHER, backup
16	1018630-2	1	POSITIONER
17	1015351-8	1	BOOT KIT (Incl. Items 18 thru 23)
18	-----	1	*BREATHER
19	-----	2	*SCREW
20	-----	1	*RETAINER
21	-----	1	*BOOT
22	-----	1	*PIN
23	-----	1	*PIN, cotter
24	1016920-9	2	VALVE ASY., relief (2700 PSI)
25	-----	2	*O-RING, relief
26	-----	2	*WASHER, backup relief
27	-----	2	*O-RING, relief
28	1015355-9	1	ADAPTER fitting
29	-----	1	SLEEVE (Serviced in ASY. only)
30	-----	1	*O-RING
31	-----	1	*WASHER, backup
32	-----	1	*O-RING
—	1015356-7	1	SEAL KIT (Incl. Items 30 thru 32)
—	1010508-8	2	SEAL KIT, section (Incl. Items 6, 7, 14 & 15)
—	1010510-4	2	SEAL KIT, relief (Incl. Items 25 thru 27)
—	1018629-4	1	SEAL KIT, main (Incl. Items 9 thru 11)

\*Included in SEAL KITS

PRIORITY VALVE



710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

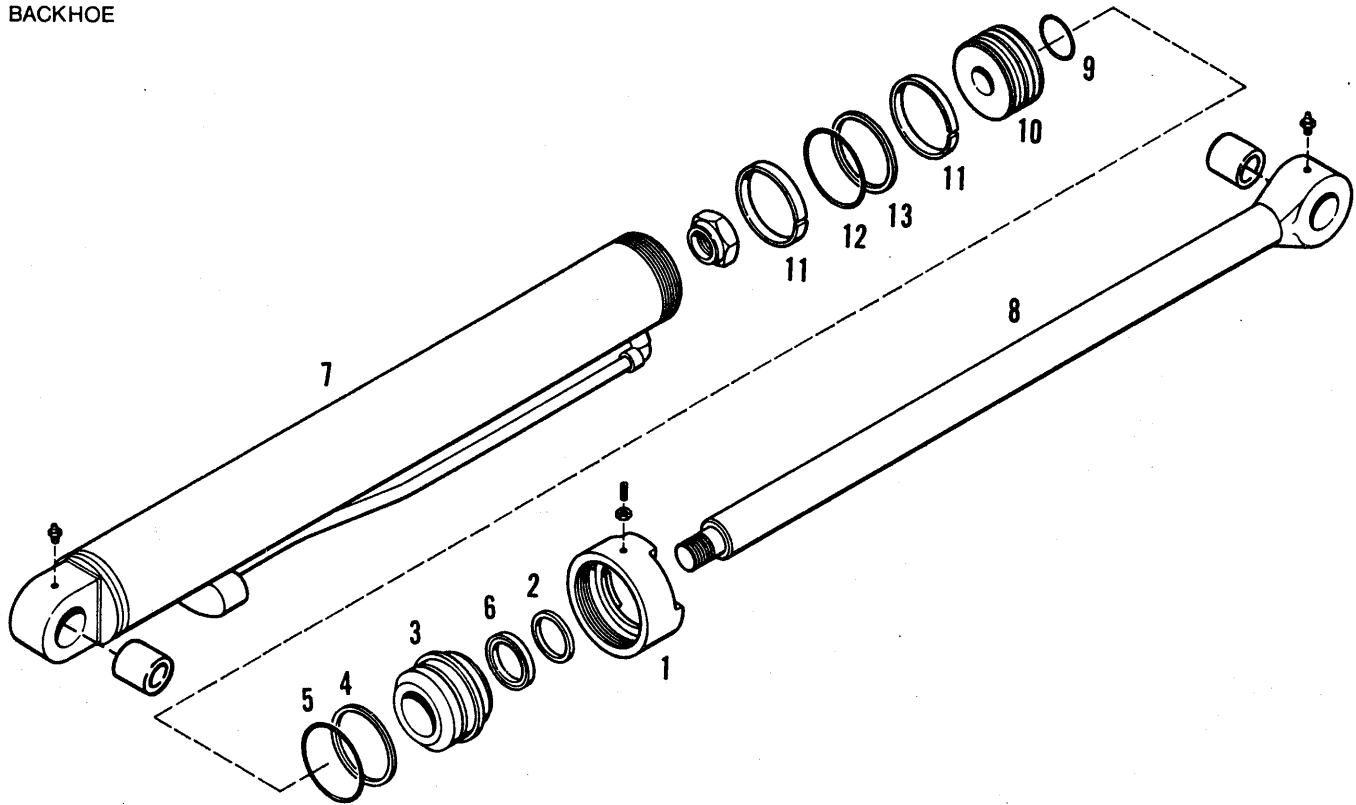
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PRIORITY VALVE

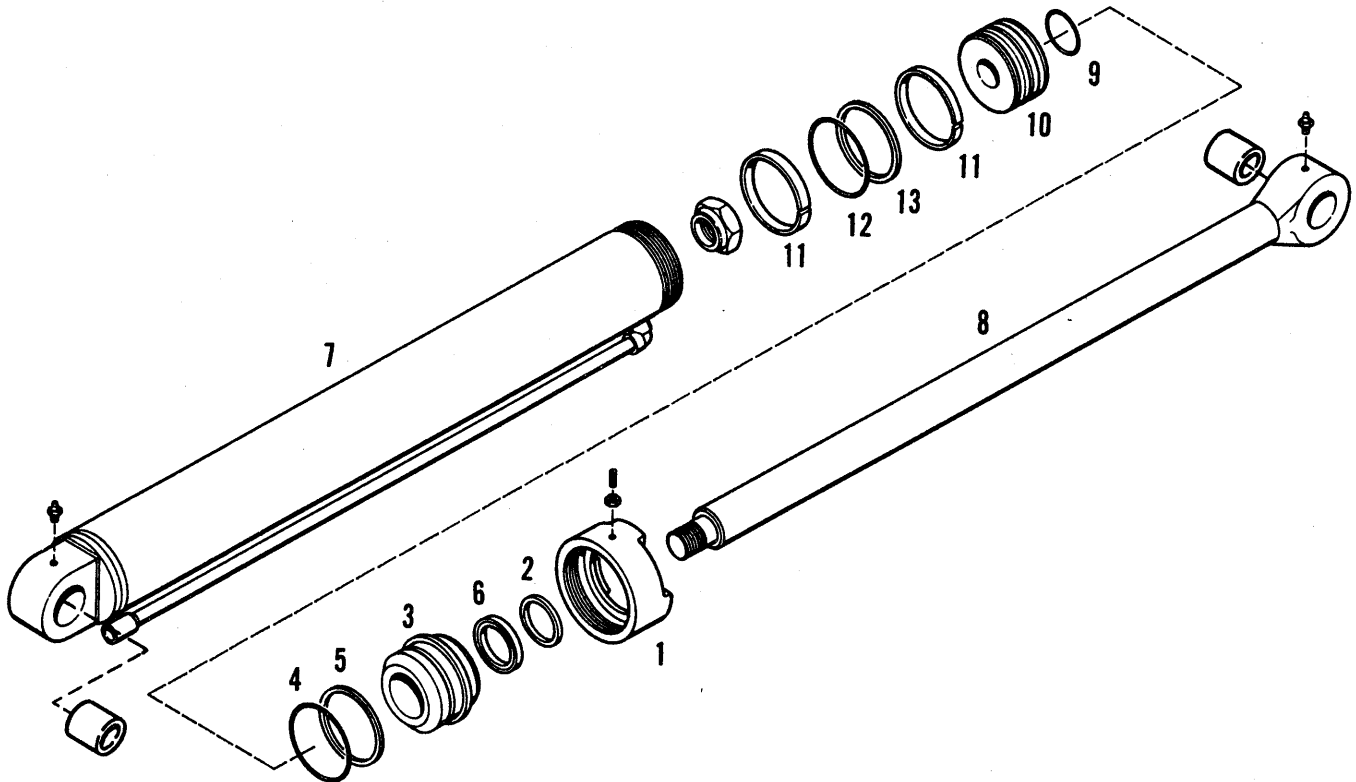
ITEM	NUMBER	QTY.	DESCRIPTION
—	1019991-7	1	VALVE ASY., priority
1	-----	1	HOUSING (Not serviced)
2	-----	1	SPOOL (Not serviced)
3	1023168-6	1	SPRING
4	-----	1	RELIEF VALVE, cartridge (Incl. Items 5 thru 14) (Not serviced; order VALVE ASY.)
5	-----	1	BODY ASY. (Not serviced)
6	-----	1	BODY (Not serviced)
7	-----	1	RING (Not serviced)
8	-----	1	SCREEN (Not serviced)
9	-----	1	SCREW, adjust (Not serviced)
10	-----	1	SPRING (Not serviced)
11	-----	1	BALL (Not serviced)
12	1023170-2	1	O-RING
13	-----	1	GUIDE, spring (Not serviced)
14	-----	1	HOLDER, ball (Not Serviced)
15	1023171-0	1	PLUG
16	1023172-8	1	O-RING
17	1023173-6	1	PLUG ASY.
18	-----	1	PLATE, name (Not serviced)

710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

BOOM CYLINDER  
BACKHOE



DIPPERSTICK CYLINDER  
BACKHOE



710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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BOOM CYLINDER  
BACKHOE

ITEM	NUMBER	QTY.	DESCRIPTION
—	1008220-4	1	CYLINDER ASY., boom (Incl. Items 1 thru 13)
1	2019984-0	1	RING, flange
	0907675-3	1	SCREW, set, socket
	0911325-9	1	NUT, jam, 1/4NC
2	1000407-5	1	RING, wiper
3	1008215-4	1	HEAD, cylinder
4	0926631-3	1	RING, backup
5	0924923-6	1	O-RING
6	1008216-2	1	SEAL
7	1008296-4	1	TUBE ASY., cylinder
	1004100-2	1	BUSHING
	0914465-0	1	FITTING, grease, 1/8 str.
8	1008295-6	1	ROD ASY., piston
	1004100-2	1	BUSHING
	0914465-0	1	FITTING, grease, 1/8 Str.
	1000065-1	1	NUT, lock, 1-1/2NC
9	0923814-8	1	O-RING
10	1008217-0	1	PISTON
11	1000455-4	1	RING, bearing
12	0923659-7	1	O-RING
13	2019995-6	1	RING, piston
—	1008297-2	1	REPAIR KIT, major seal (Incl. Items 2 thru 6, 9, & 11 thru 13)

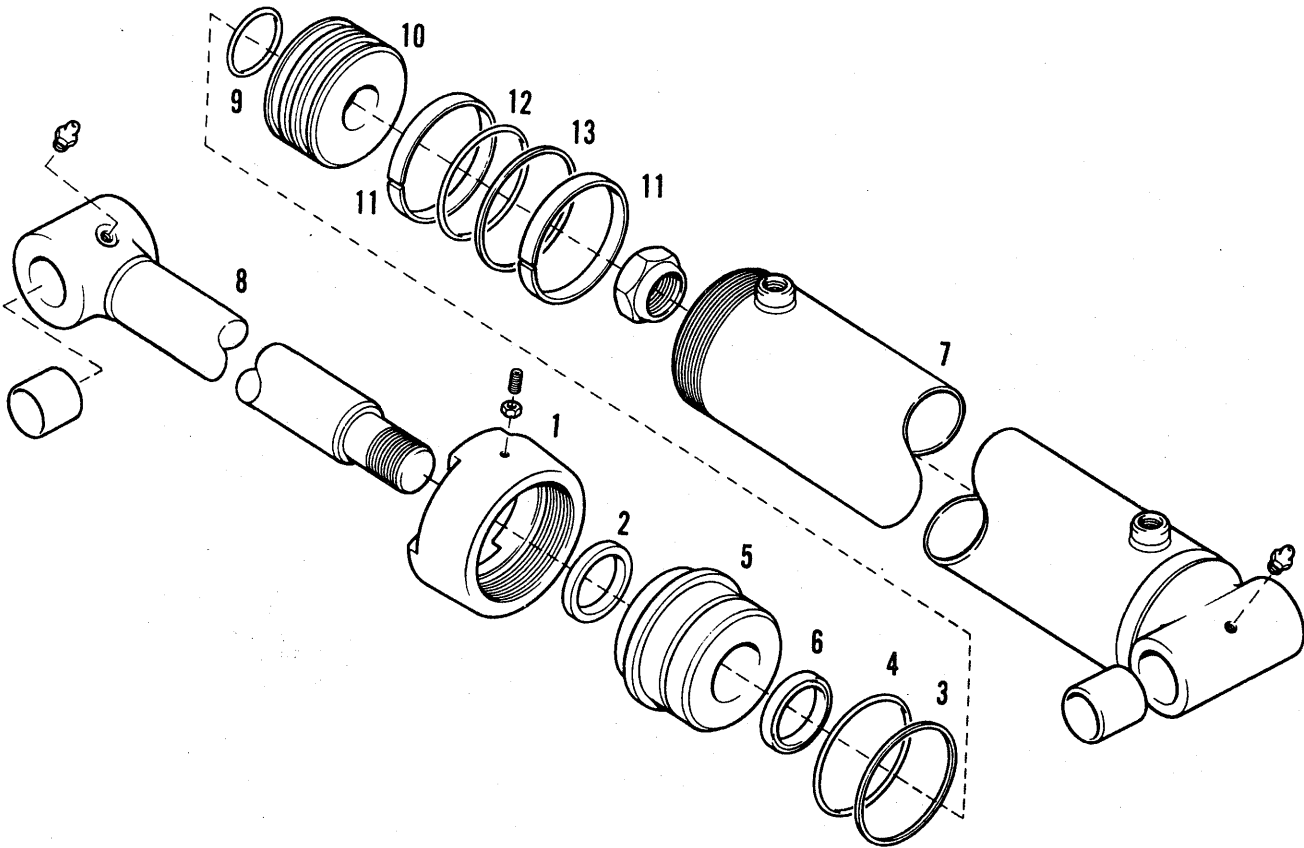
DIPPERSTICK CYLINDER  
BACKHOE

ITEM	NUMBER	QTY.	QTY.	DESCRIPTION
		*	**	
—	1022958-1	1	0	CYLINDER ASY., dipper (14.2)
	1022979-7	0	1	CYLINDER ASY., dipper (15)
1	2019978-2	1	0	RING, flange
	2019984-0	0	1	RING, flange
	0907675-3	1	1	SCREW, set, socket
	0911325-9	1	1	NUT, jam, 1/4NC
2	2014686-6	1	0	WIPER
	1000407-5	0	1	WIPER
3	1022971-4	1	0	HEAD
	1008215-4	0	1	HEAD
4	0926629-7	1	0	WASHER, backup
	0926631-3	0	1	WASHER, backup
5	0923817-1	1	0	O-RING
	0924923-6	0	1	O-RING
6	8610927-9	1	0	SEAL
	1008216-2	0	1	SEAL
7	1022964-9	1	0	TUBE ASY., cylinder
	1022983-9	0	1	TUBE ASY., cylinder
	2018393-5	1	0	BUSHING, 1-1/2 I.D. x 2-1/2
	1004100-2	0	1	BUSHING, 1-1/2 I.D. x 2-1/2
	0914465-0	1	1	FITTING, grease, 1/8 str.
8	1022965-6	1	0	ROD ASY.
	1008295-6	0	1	ROD ASY.
	2018393-5	1	0	BUSHING, 1-1/2 x 2-1/2
	1004100-2	0	1	BUSHING, 1-1/2 I.D. x 2-1/2
	0914465-0	1	1	FITTING, grease, 1/8 str.
	1000065-1	1	1	NUT, lock, 1-1/2NC
9	0925257-8	1	0	O-RING
	0923814-8	0	1	O-RING
10	1000620-3	1	0	PISTON
	1008217-0	0	1	PISTON
11	2018092-3	2	2	RING, wear
	1000455-4	0	1	RING, wear
12	0924187-8	1	0	O-RING
	0923059-0	0	1	O-RING
13	2018095-6	1	0	RING, seal
	2019995-6	0	1	RING, seal
—	1022113-3	1	0	REPAIR KIT, major seal (Incl. Items 2, 4 thru 6, 9, & 11 thru 13)
—	1008297-2	0	1	REPAIR KIT, major seal (Incl. Items 2, 4 thru 6, 9, & 11 thru 13)

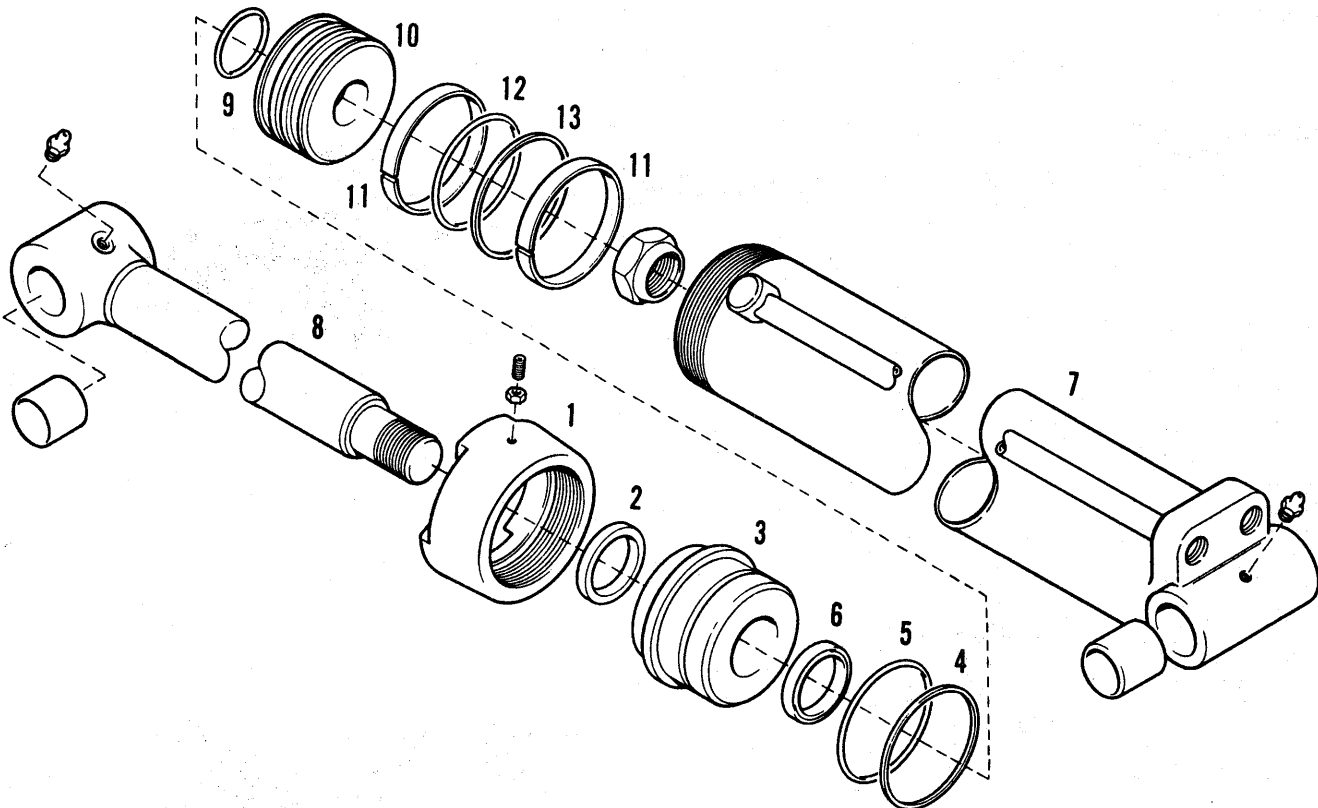
\*14.2 Dipper Cylinder

\*\*15 Dipper Cylinder

STABILIZER CYLINDER  
BACKHOE



BUCKET CYLINDER  
BACKHOE





710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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STABILIZER CYLINDER  
BACKHOE

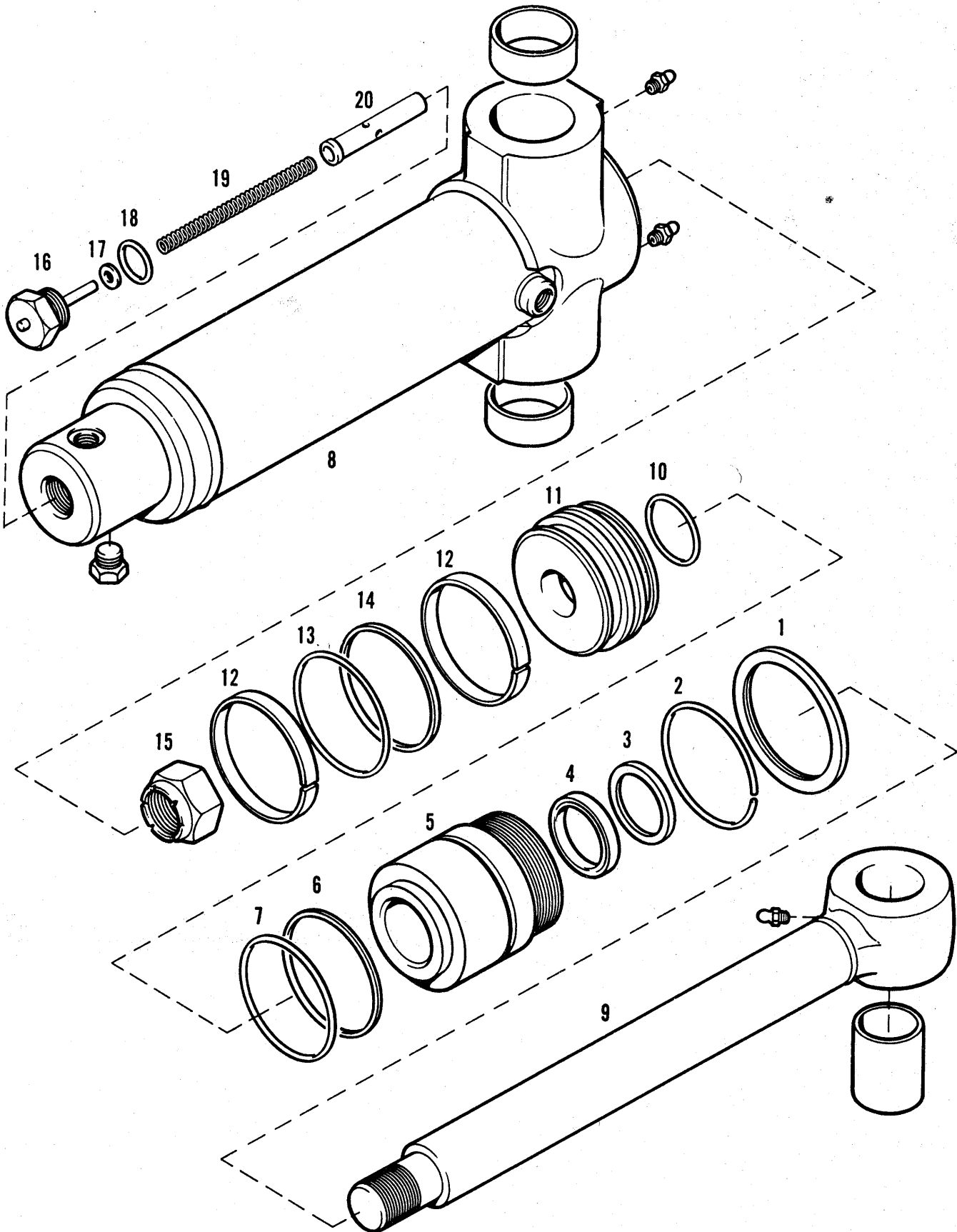
ITEM	NUMBER	QTY.	DESCRIPTION
-	1022057-2	2	CYLINDER ASY., stabilizer
1	2019978-2	1	RING, flange
	0907675-3	1	SCREW, set, socket
	0911325-9	1	NUT, jam, 1/4NC
2	2014686-6	1	RING, wiper
3	0926629-7	1	WASHER, backup
4	0923817-1	1	O-RING
5	1022971-4	1	HEAD, cylinder
6	8610927-9	1	SEAL
7	1017284-9	1	TUBE ASY., cylinder
	2018402-4	2	BUSHING, 1-1/2 I.D. x 1-15/16
	0914465-0	1	FITTING, grease, 1/8 str.
8	1001394-4	1	ROD ASY., piston
	1004734-8	1	BUSHING, 1-1/2 I.D. x 1-7/16
	0914465-0	1	FITTING, grease, 1/8 str.
	1000065-1	1	NUT, lock, 1-1/2NC
9	0925257-8	1	O-RING
10	1000620-3	1	PISTON
11	2018092-3	2	RING, bearing
12	0924187-8	1	O-RING
13	2018095-6	1	RING, piston
-	1022113-3	1	REPAIR KIT, major seal (Incl. Items 2 thru 4, 6, 9, & 11 thru 13)

BUCKET CYLINDER  
BACKHOE

ITEM	NUMBER	QTY.	DESCRIPTION
-	1022984-7	1	CYLINDER ASY., bucket (Incl. Items 1 thru 15)
1	1000913-2	1	RING, flange
	0907675-3	1	SCREW, set, socket
	0911325-9	1	NUT, jam, 1/4NC
2	2014686-6	1	RING, wiper
3	1017388-8	1	HEAD, cylinder
4	0926627-1	1	WASHER, backup
5	0923816-3	1	O-RING
6	8610927-9	1	SEAL
7	1022991-2	1	TUBE ASY., cylinder
	2018402-4	2	BUSHING, 1-1/2 I.D. x 1-15/16
	0914465-0	1	FITTING, grease, 1/8 str.
8	1022992-0	1	ROD ASY., piston
	2018402-4	1	BUSHING, 1-1/2 I.D. x 1-15/16
	0914465-0	1	FITTING, grease, 1/8 str.
	0917776-7	1	NUT, lock, 1-1/4NF
9	0925257-8	1	O-RING
10	1000107-1	1	PISTON
11	2017362-1	2	RING, bearing
12	0924135-7	1	O-RING
13	2017235-9	1	RING, piston
-	1017621-2	1	REPAIR KIT, major seal (Incl. Items 2, 4 thru 6, 9, & 11 thru 13)

710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

SWING CYLINDER  
BACKHOE



710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

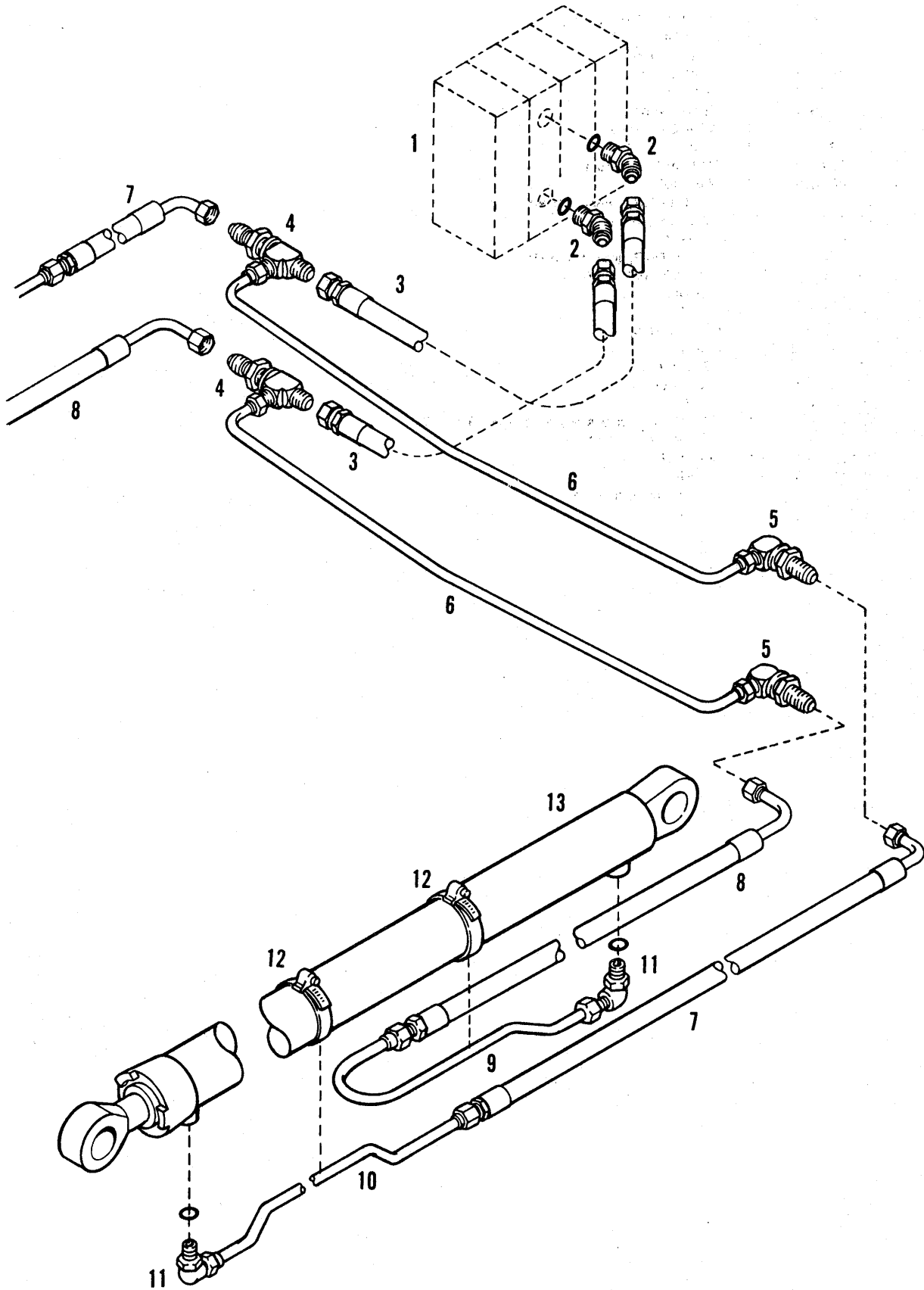
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SWING CYLINDER  
BACKHOE

ITEM	NUMBER	QTY.	DESCRIPTION
—	1023216-3	2	CYLINDER ASY., swing
1	1023222-1	1	RETAINER
2	1023223-9	1	RING, retainer
3	2014686-6	1	RING, wiper
4	8610927-9	1	SEAL
5	1023199-1	1	HEAD, cylinder
6	0926629-7	1	WASHER, backup
7	0923817-1	1	O-RING
8	1023240-3	1	TUBE ASY., cylinder
	1008878-9	2	BUSHING
	0914465-0	1	FITTING, grease, 1/8 str.
9	1023239-5	1	ROD ASY., piston
	1004100-2	1	BUSHING
	0914465-0	1	FITTING, grease, 1/8 str.
	1000065-1	1	NUT, lock, 1"NF
10	0925257-8	1	O-RING
11	1000620-3	1	PISTON
12	2018092-3	2	RING, bearing
13	0924187-8	1	O-RING
14	2018095-6	1	SEAL, piston
15	1019894-3	1	PLUG ASY.
16	1023225-4	1	VALVE
—	1022113-3	1	REPAIR KIT, major seal (Incls. Items 3, 4, 6, 7, 10, 12, 13, & 14)
17	0917377-4	1	WASHER, 1/4
18	0921214-3	1	O-RING
19	1022752-8	1	SPRING, compression
20	1023224-7	1	PLUNGER

710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

LOADER LINES  
LIFT



710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

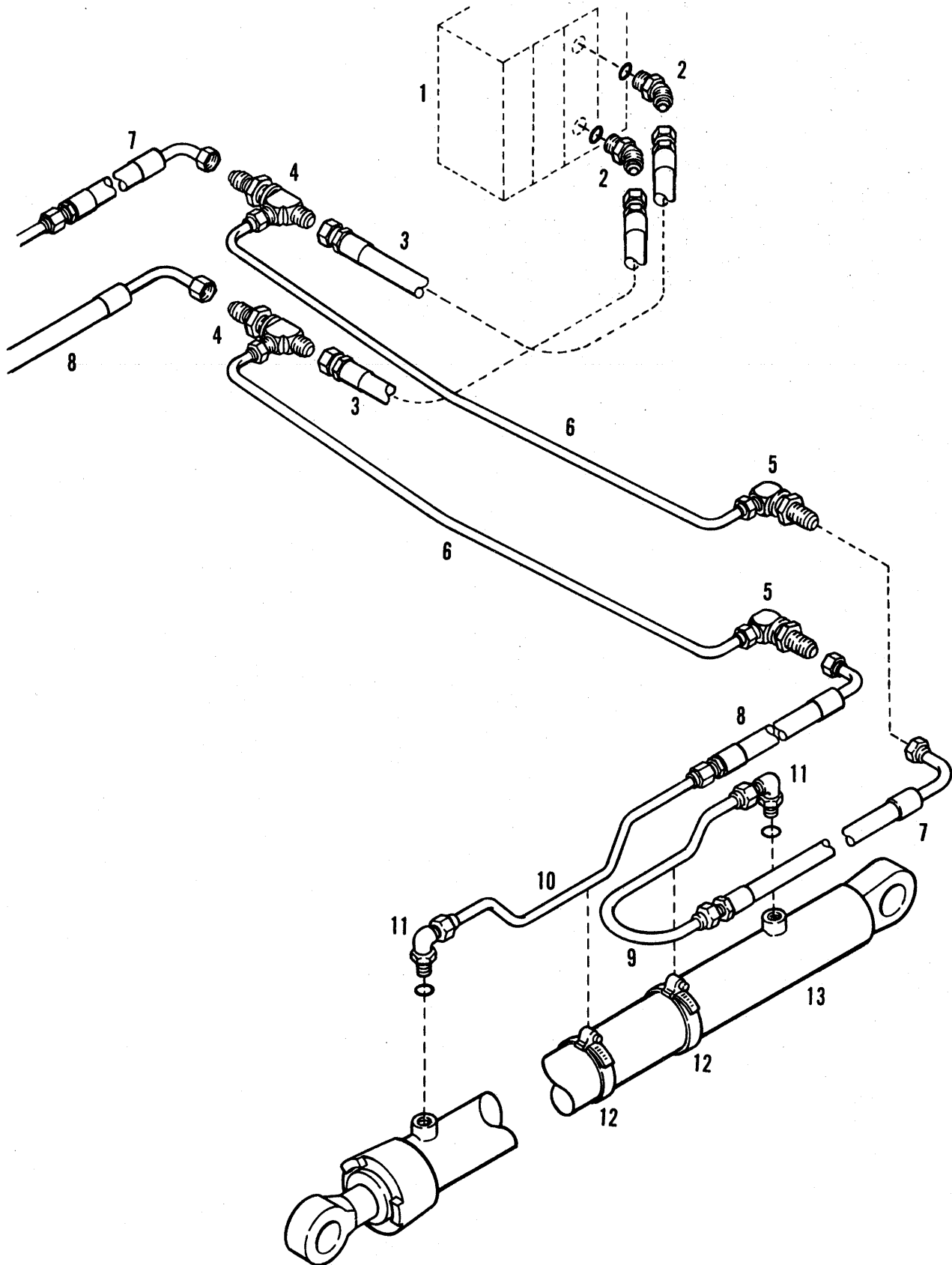
183

LOADER LINES  
LIFT

ITEM	NUMBER	QTY.	DESCRIPTION
1	1018623-7	1	VALVE ASY., loader (Refer to LOADER CONTROL VALVE ASY. for component parts)
2	0925943-3	2	FITTING, elbow, 45° male adjustable (Incl. O-RING)
	0921205-1	2	O-RING
3	1009518-0	2	HOSE ASY., valve to tee
4	0927247-7	2	FITTING, tube tee adjustable bulkhead
5	0927163-6	2	FITTING, tube, 90° adjustable bulkhead
6	1016871-4	2	TUBE ASY., tee to 90° elbow adjustables
7	1016929-0	2	HOSE ASY., to base end of cyl.
8	1016929-0	2	HOSE ASY., to rod end of cyl.
9	1023176-9	2	TUBE ASY., to base end of cyl
10	1023179-3	2	TUBE ASY., to rod end of cylinder
11	0921402-4	4	FITTING, elbow, 90° male, adjustable
	0921349-7	4	O-RING
12	0922200-1	2	CLAMP, worm drive
13	1022900-3	2	CYLINDER ASY., lift (Refer to TILT CYL. ASY. for component parts)

710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

LOADER LINES  
TILT



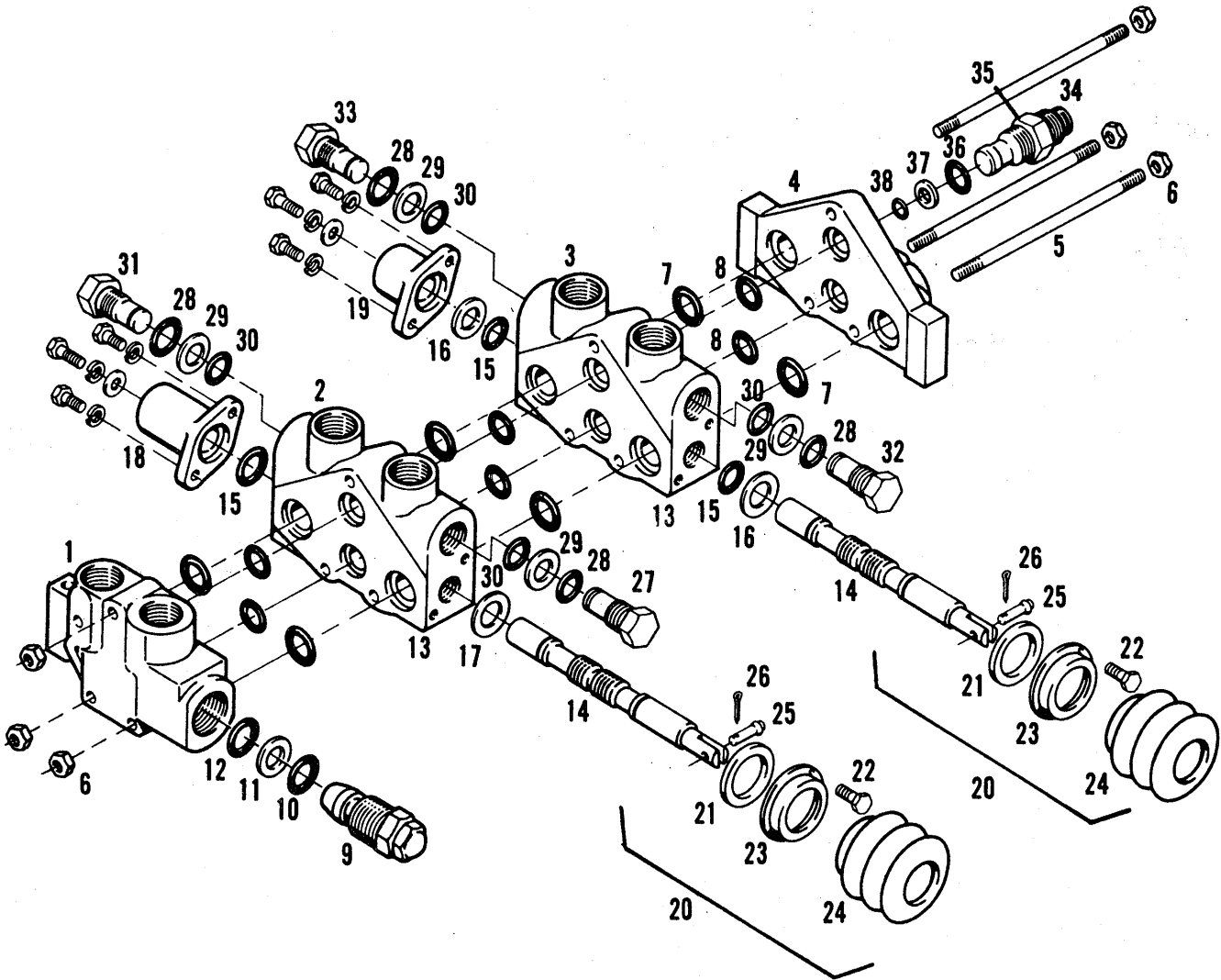
710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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LOADER LINES  
TILT

ITEM	NUMBER	QTY.	DESCRIPTION
1	1018623-7	1	VALVE ASY., loader (Refer to LOADER CONTROL VALVE ASY. for component parts)
2	0925943-3	2	FITTING, elbow, 45 <sup>o</sup> , male adjust. (Incl. O-RING)
	0921205-1	2	O-RING
3	1009518-0	2	HOSE ASY., valve to tee
4	0927247-7	2	FITTING, tube tee adjustable bulkhead
5	0927163-6	2	FITTING, tube, 90 <sup>o</sup> adjustable bulkhead
6	1016871-4	2	TUBE ASY., tee to 90 <sup>o</sup> elbow adjustable
7	1016928-2	2	HOSE ASY., to rod end of cylinder
8	1016928-2	2	HOSE ASY., to base end of cylinder
9	1023175-1	2	TUBE ASY., to base end of cylinder
10	1023178-5	2	TUBE ASY., to rod end of cylinder
11	0921402-4	4	FITTING, elbow, 90 <sup>o</sup> male adjust. (Incl. O-RING)
	0921349-7	4	O-RING
12	0921914-8	2	CLAMP, worm drive
13	1016761-7	2	CYLINDER ASY., tilt (Refer to TILT CYLINDER ASY. for component parts)

CONTROL VALVE  
LOADER





710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

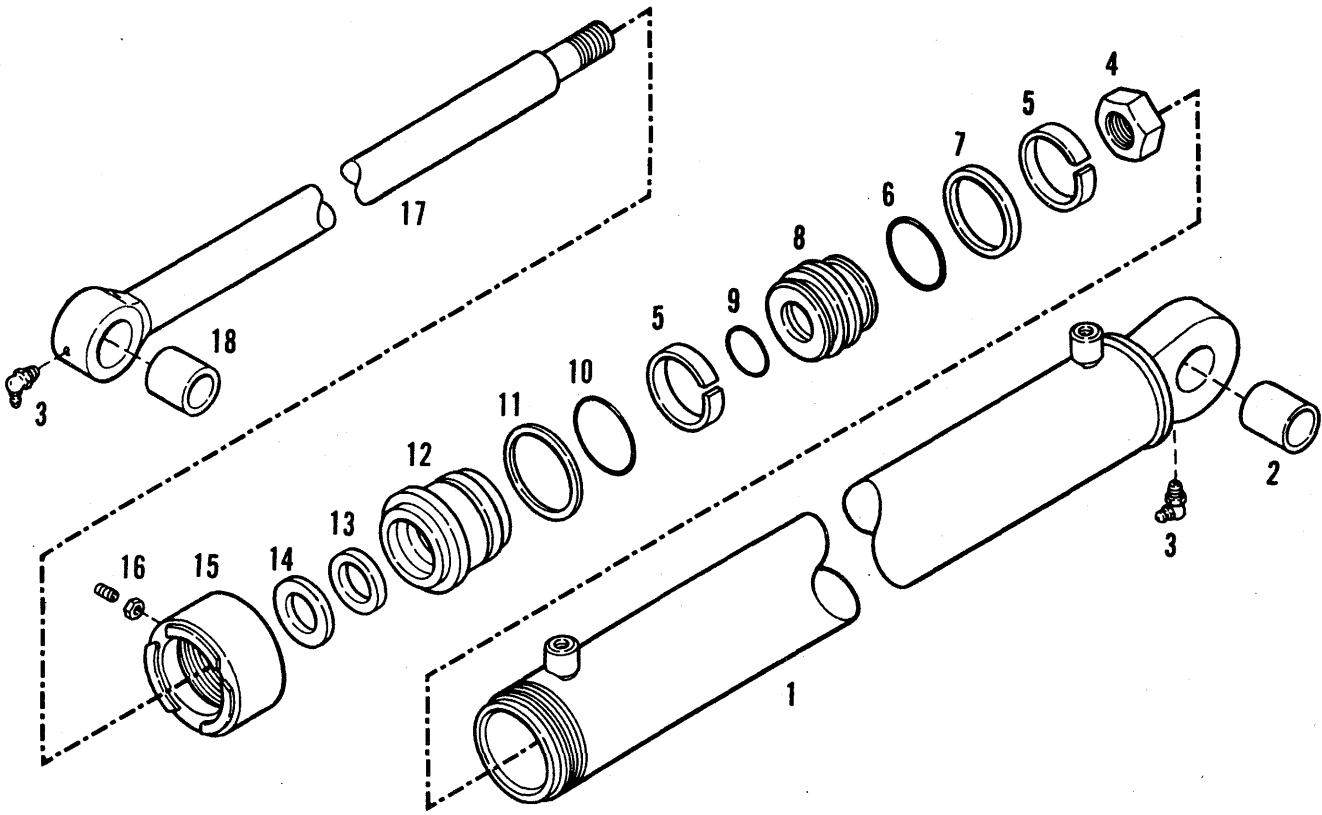
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CONTROL VALVE  
LOADER

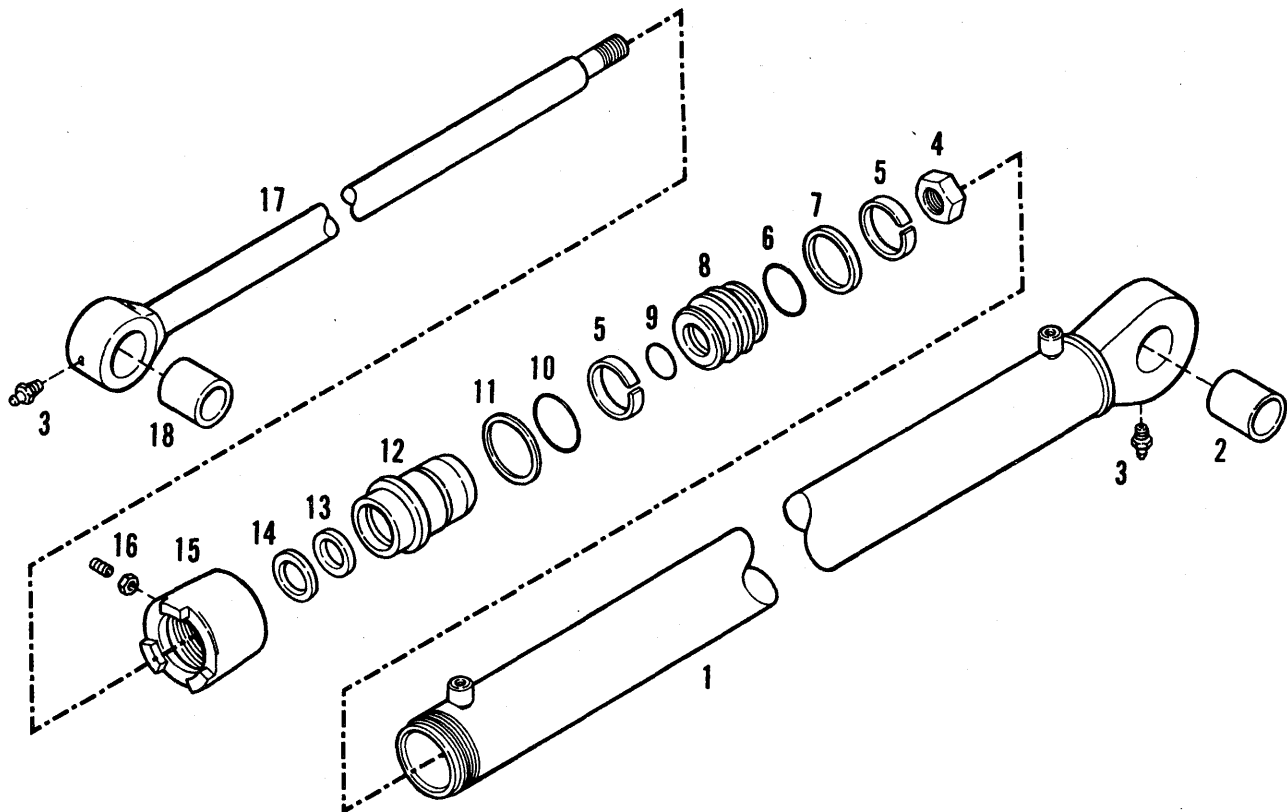
ITEM	NUMBER	QTY.	DESCRIPTION
-	1018623-7	1	VALVE ASY., loader
1	1018624-5	1	COVER., L.H.
2	1018636-9	1	SECTION, float
3	1018638-5	1	SECTION, 4-way tilt
4	1015353-4	1	COVER ASY., R.H.
5	1018639-3	3	BOLT
6	0914929-5	3	NUT
7	-----	6	*O-RING
8	-----	6	*O-RING
9	1018627-8	1	CARTRIDGE, main relief (2450 PSI) (RDA, for V20 Inlet)
10	-----	1	*O-RING, seal
11	-----	1	*WASHER, backup
12	-----	1	*O-RING, seal
13	-----	2	HOUSING (Serviced in ASY. only)
14	-----	2	SPOOL, float & 4-way (Serviced in ASY. only)
15	-----	3	*O-RING, seal
16	-----	2	*WASHER, backup
17	1018635-1	1	SEAL
18	1018637-7	1	POSITIONER, float
19	1018630-2	1	POSITIONER, 4-way
20	1015351-8	2	BOOT KIT (Incl. Items 21 thru 26)
21	-----	2	*BREATHER
22	-----	4	*SCREW
23	-----	2	*RETAINER
24	-----	2	*BOOT
25	-----	2	*PIN
26	-----	2	*PIN, cotter
27	1018028-9	1	VALVE ASY., relief (2700 PSI)
28	-----	4	*O-RING, relief
29	-----	4	*WASHER, backup relief
30	-----	4	*O-RING, relief
31	1010506-2	1	CHECK ASY.
32	1016920-9	1	VALVE ASY., relief, w/ anti-cav. (2700 PSI)
33	1010488-3	1	VALVE ASY., relief, circuit (2000 PSI)
34	1015355-9	1	ADAPTER, fitting
35	-----	1	SLEEVE (Serviced in ASY.)
36	-----	1	*O-RING
37	-----	1	*WASHER, backup
38	-----	1	*O-RING
-	1018640-1	1	SEAL KIT (Incl. Items 36, 37 & 38)
-	1010508-8	3	SEAL KIT (Incl. Items 7, 8, 15 & 16)
-	1010510-4	4	SEAL KIT (Incl. Items 28, 29 & 30)
-	1018629-4	1	SEAL KIT (Incl. Items 10, 11 & 12)

\*Included in SEAL KITS.

LIFT CYLINDER ASY.



TILT CYLINDER ASY.



710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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LIFT CYLINDER ASY.

ITEM	NUMBER	QTY.	DESCRIPTION
—	1022900-3	1	LIFT CYLINDER ASY.
1	1022952-4	1	TUBE ASY.
2	1001137-7	2	BUSHING
3	0915276-0	2	FITTING, grease, 1/8, 90° (Pkg. of 10)
4	0917776-7	1	NUT, 1-1/4NF
5	1022901-1	2	RING, wear
6	0923647-2	1	O-RING
7	1022904-5	1	SEAL, piston
8	1022865-8	1	PISTON
9	0923577-1	1	O-RING
10	0923584-7	1	O-RING
11	0926626-3	1	RING, backup
12	1022903-7	1	HEAD
13	1001083-3	1	SEAL
14	2014685-8	1	WIPER
15	1022893-0	1	RING, flange
16	0907675-3	1	SETSCREW, 1/4NC x 5/8
	0911325-9	1	NUT, 1/4NC
17	1017293-0	1	ROD ASY.
18	1004734-8	1	BUSHING
—	1022951-6	1	SEAL KIT (Incl. Items 5, 6, 7, 9, 10, 11, 13 & 14)

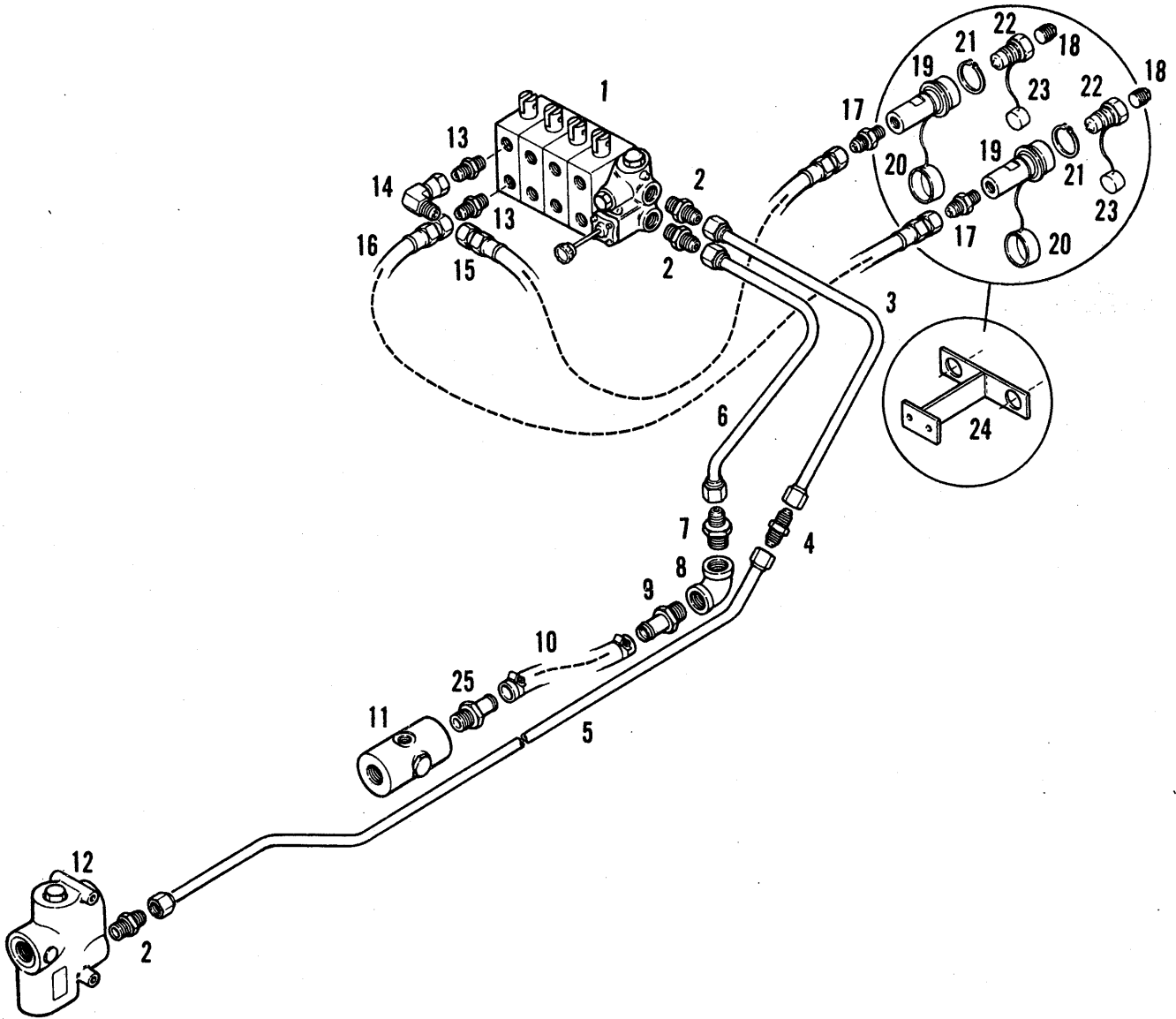
TILT CYLINDER ASY.

ITEM	NUMBER	QTY.	DESCRIPTION
—	1016761-7	1	TILT CYLINDER ASY.
1	1017292-2	1	TUBE ASY.
2	1004734-8	1	BUSHING
3	9002032-2	2	FITTING, grease, 1/8 str. (Pkg. of 10)
4	0930765-3	1	NUT, 1"NF
5	2017479-3	2	RING, wear
6	0923684-5	1	O-RING
7	0931894-0	1	SEAL, piston
8	1008684-1	1	PISTON
9	0923664-7	1	O-RING
10	0923814-8	1	O-RING
11	0926623-0	1	RING, backup
12	1008682-5	1	HEAD
13	1008683-3	1	SEAL
14	2014684-1	1	WIPER
15	1008372-3	1	RING, flange
16	0907675-3	1	SETSCREW, 1/4NC x 5/8
	0911325-9	1	NUT, 1/4NC
17	1017291-4	1	ROD ASY.
18	2018402-4	1	BUSHING
—	1008688-2	1	SEAL KIT (Incls. Items 5, 6, 7, 9, 10, 11, 13 & 14)

710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

PRESSURE & RETURN LINES

710C LOADER  
3-POINT HITCH



710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

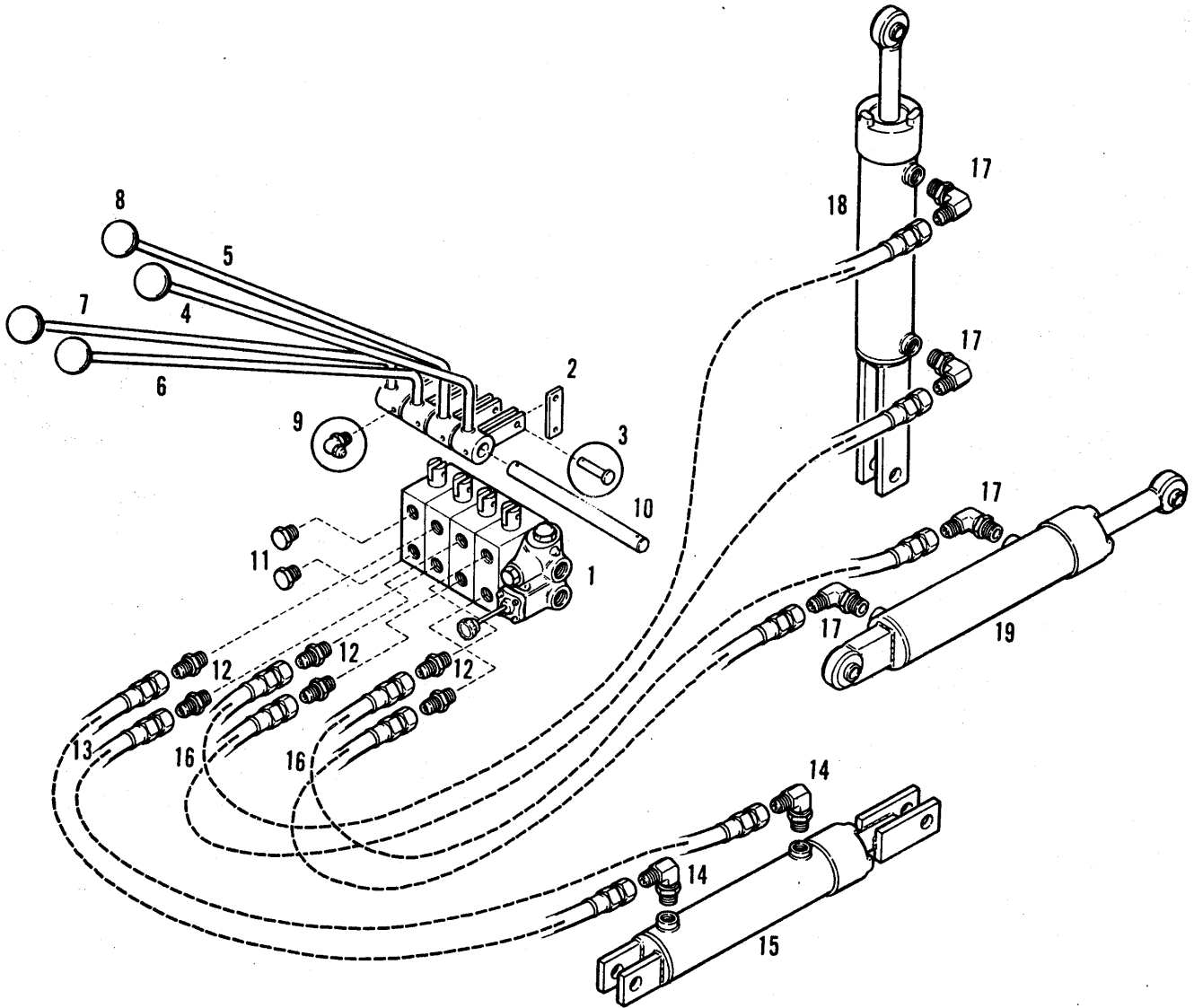
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PRESSURE & RETURN LINES  
710C LOADER  
3-POINT HITCH

ITEM	NUMBER	QTY.	DESCRIPTION
1	1018672-4	1	VALVE ASY., 3-Point hitch (Refer to HITCH VALVE ASY. for component parts)
	0925689-2	3	CAPSCREW, 5/16NC x3
	0916964-0	3	LOCKWASHER, 5/16
	0917372-5	3	NUT, 5/16NC
2	0921217-6	3	CONNECTOR (incl. O-RING)
	0921206-9	3	O-RING
3	1022826-0	1	TUBE ASY., pressure
4	0919267-5	1	FITTING, union, st. J.I.C.
5	1022837-7	1	TUBE ASY., priority to hitch valve
6	1022827-8	1	TUBE ASY., hitch return
7	0922683-8	1	CONNECTOR, male
8	0901681-7	1	ELBOW
9	0925056-4	1	NIPPLE, hose, st
10	1016899-5	1	HOSE, return
	0921912-2	2	CLAMP, hose
11	1022402-0	1	MANIFOLD
12	1019991-7	1	VALVE ASY., priority (Refer to PRIORITY VALVE ASY. for component parts)
13	0923717-3	1	FITTING, aux. (incl. O-RING)
	0921205-1	1	O-RING
14	0921279-6	1	ELBOW, swivel nut
15	1016921-7	1	HOSE ASY., 1/2 x 16
16	1009518-0	1	HOSE ASY., 1/2 x 31-1/2
17	0919128-9	2	CONNECTOR, 1/2NPT
18	0905261-4	2	PLUG, 1/2NPT
19	0255018-4	2	COUPLER, socket
20	1016384-8	2	COVER, dust
21	0926574-5	2	RING, snap
22	0247336-1	2	COUPLER, nose
23	1016385-5	2	COVER, dust
24	1019200-3	1	MOUNT ASY.
	0920415-7	2	CAPSCREW, 3/8NC x 1-1/4
	0916965-7	2	LOCKWASHER, 3/8
	0916950-9	2	NUT, 3/8NC
25	0926870-7	1	NIPPLE, hose, st.

710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

HYDRAULICS  
710C LOADER  
3-POINT HITCH



710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

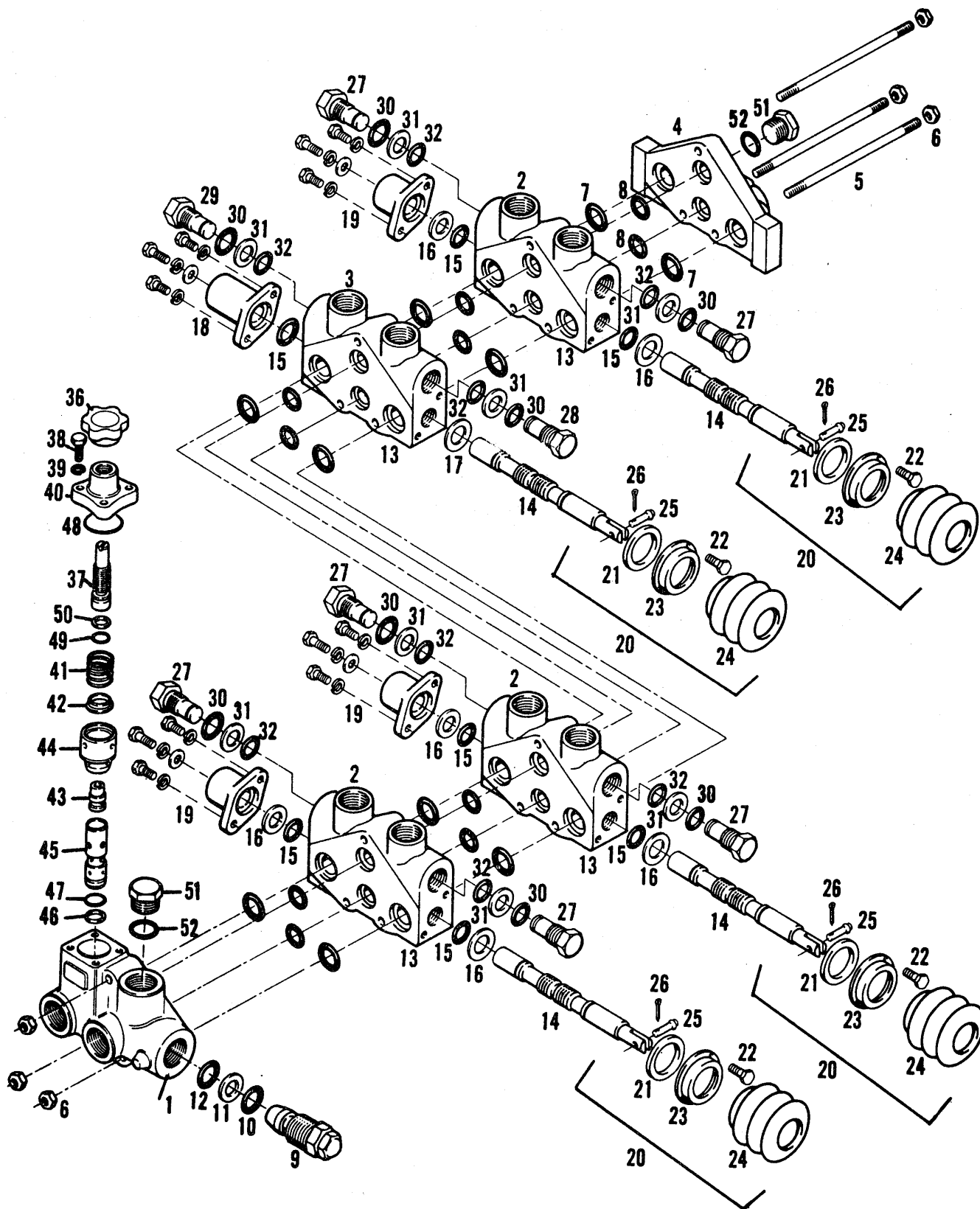
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HYDRAULICS  
710C LOADER  
3-POINT HITCH

ITEM	NUMBER	QTY.	DESCRIPTION
1	1018672-4	1	VALVE ASY., 3-point hitch (Refer to HITCH VALVE for component parts)
2	1008840-9	4	LINK
3	0923087-1	4	PIN, link
	0918448-2	4	PIN, cotter
4	1023528-1	1	HANDLE ASY., pitch
5	1023529-9	1	HANDLE ASY., tilt
6	1023532-3	1	HANDLE ASY., lift
7	1023531-5	1	HANDLE ASY., aux.
8	0243416-5	4	KNOB, handle
9	0925730-4	4	FITTING, lube, 90°
10	1018560-1	1	SHAFT, control
	0925719-7	2	PIN, cotter, 1/8 x 2
11	0920107-0	2	PLUG ASY. (Incl. O-RING)
	0921205-1	2	O-RING
12	0927672-6	6	FITTING, tube (Incl. O-RING)
	0921205-1	6	O-RING
13	1009520-6	2	HOSE ASY., lift
14	0921402-4	2	CONNECTOR, 90° (Incl. O-RING)
	0921349-7	2	O-RING
15	1019525-3	1	CYLINDER ASY., lift (Refer to LIFT CYLINDER ASY. for component parts)
16	1012033-5	4	HOSE ASY., pitch & tilt cylinder
17	0922523-6	4	ELBOW, adjustable 90° (Incl. O-RING)
	0921885-0	4	O-RING
18	1023193-4	1	CYLINDER ASY., tilt (Refer to TILT CYLINDER ASY. for component parts)
19	1023192-6	1	CYLINDER ASY., pitch (Refer to PITCH CYLINDER ASY. for component parts)

710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

CONTROL VALVE  
710C LOADER  
3-POINT HITCH





710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

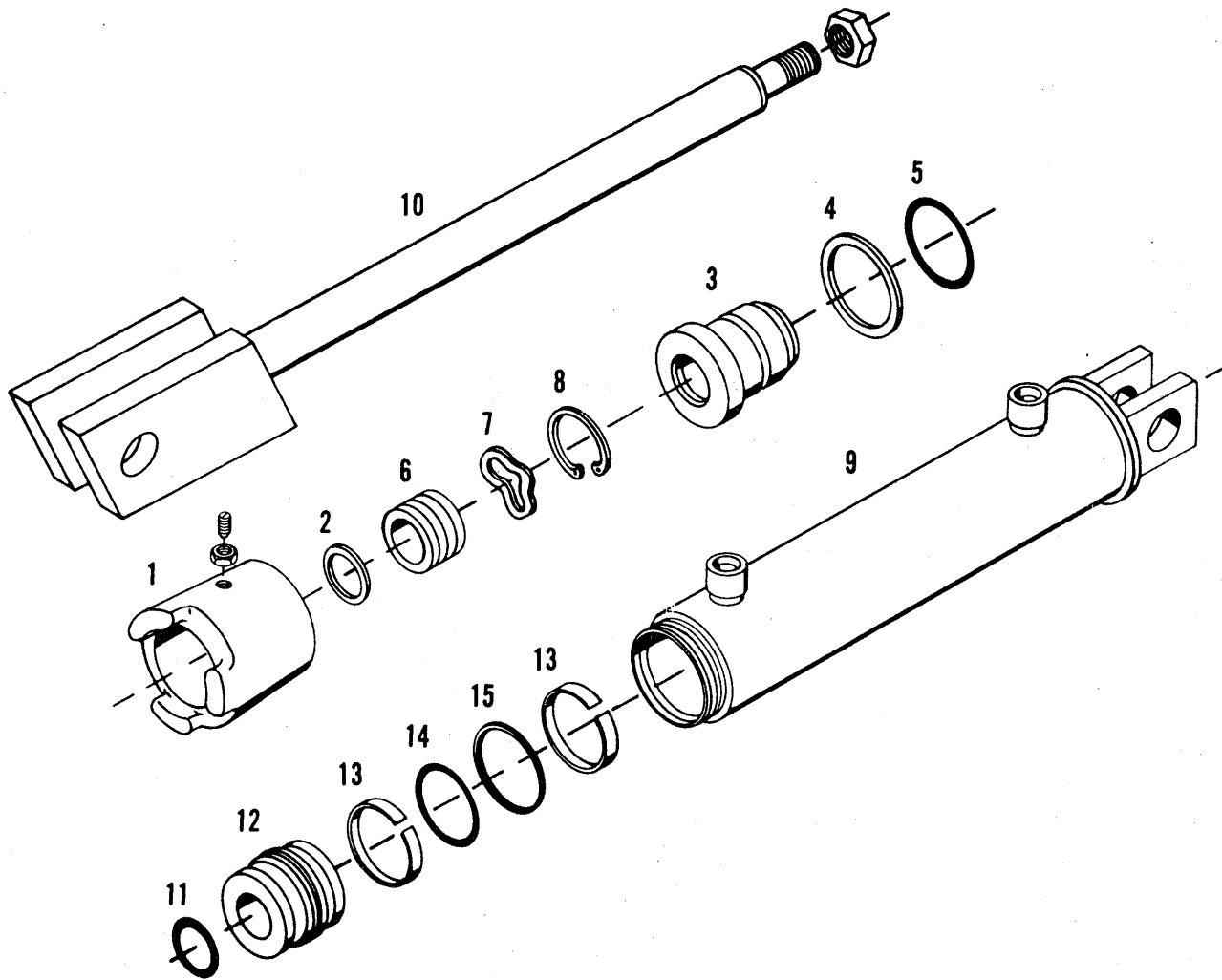
195

CONTROL VALVE  
710C LOADER  
3-POINT HITCH

ITEM	NUMBER	QTY.	DESCRIPTION
-	1018672-4	1	VALVE ASY., control
1	1019103-9	1	COVER AS., inlet
2	1018638-5	3	SECTION, 4-way
3	1018636-9	1	SECTION, 4-way w/ float
4	1015353-4	1	COVER ASY., outlet
5	2019025-2	3	STUD
6	0914929-5	3	NUT
7	-----	10	*O-RING
8	-----	10	*O-RING
9	1018627-8	1	CARTRIDGE, main relief (2450 PSI)
10	-----	1	*O-RING, seal
11	-----	1	*WASHER, backup
12	-----	1	*O-RING, seal
13	-----	4	HOUSING (Serviced in SECTION ASY. only)
14	-----	4	SPOOL, 4-way/float (Serviced in SECTION ASY. only)
15	-----	7	*O-RING, seal
16	-----	6	*WASHER, backup
17	-----	1	SEAL
18	1018637-7	1	POSITIONER, float
19	1018630-2	3	POSITIONER, 4-way
20	1015351-8	4	BOOT KIT (Incl. Items 21 thru 26)
21	-----	4	*BREATHER
22	-----	8	*SCREW
23	-----	4	*RETAINER
24	-----	4	*BOOT
25	-----	4	*PIN
26	-----	4	*PIN, cotter
27	1010506-2	6	CHECK ASY.
28	1016920-9	1	VALVE ASY., relief, w/ anti-cav. (2700 PSI)
29	1010489-1	1	VALVE ASY., relief, circuit (900 PSI)
30	-----	8	*O-RING, relief
31	-----	8	*WASHER, backup relief
32	-----	8	*O-RING, relief
33	1019104-7	1	ACTUATOR KIT (Incl. Items 36 thru 40, 48, 49 & 50)
34	1019105-4	1	CONTROL KIT, flow (Incl. Items 41 thru 47)
35	1019106-2	1	SEAL KIT (Incl. Items 46 thru 50)
36	-----	1	KNOB
37	-----	1	ADJUSTER, flow
38	-----	4	SCREW
39	-----	4	LOCKWASHER
40	-----	1	CAP, control
41	-----	1	SPRING, control
42	-----	1	COLLAR
43	-----	1	PISTON
44	-----	1	SLEEVE, metering
45	-----	1	GUIDE, sleeve
46	-----	1	WASHER, backup
47	-----	1	SEAL, o-ring
48	-----	1	SEAL, o-ring
49	-----	1	SEAL, o-ring
50	-----	1	WASHER, backup
51	0921204-4	2	PLUG (Incl. O-RING)
52	0921206-9	2	O-RING
-	1010508-8	5	SEAL KIT (Incl. Items 7, 8, 15 & 16)
-	1010510-4	8	SEAL KIT (Incl. Items 30, 31 & 32)
-	1018629-4	1	SEAL KIT (Incl. Items 10, 11 & 12)

\*Included in SEAL KITS

LIFT CYLINDER  
710C LOADER  
3-POINT HITCH



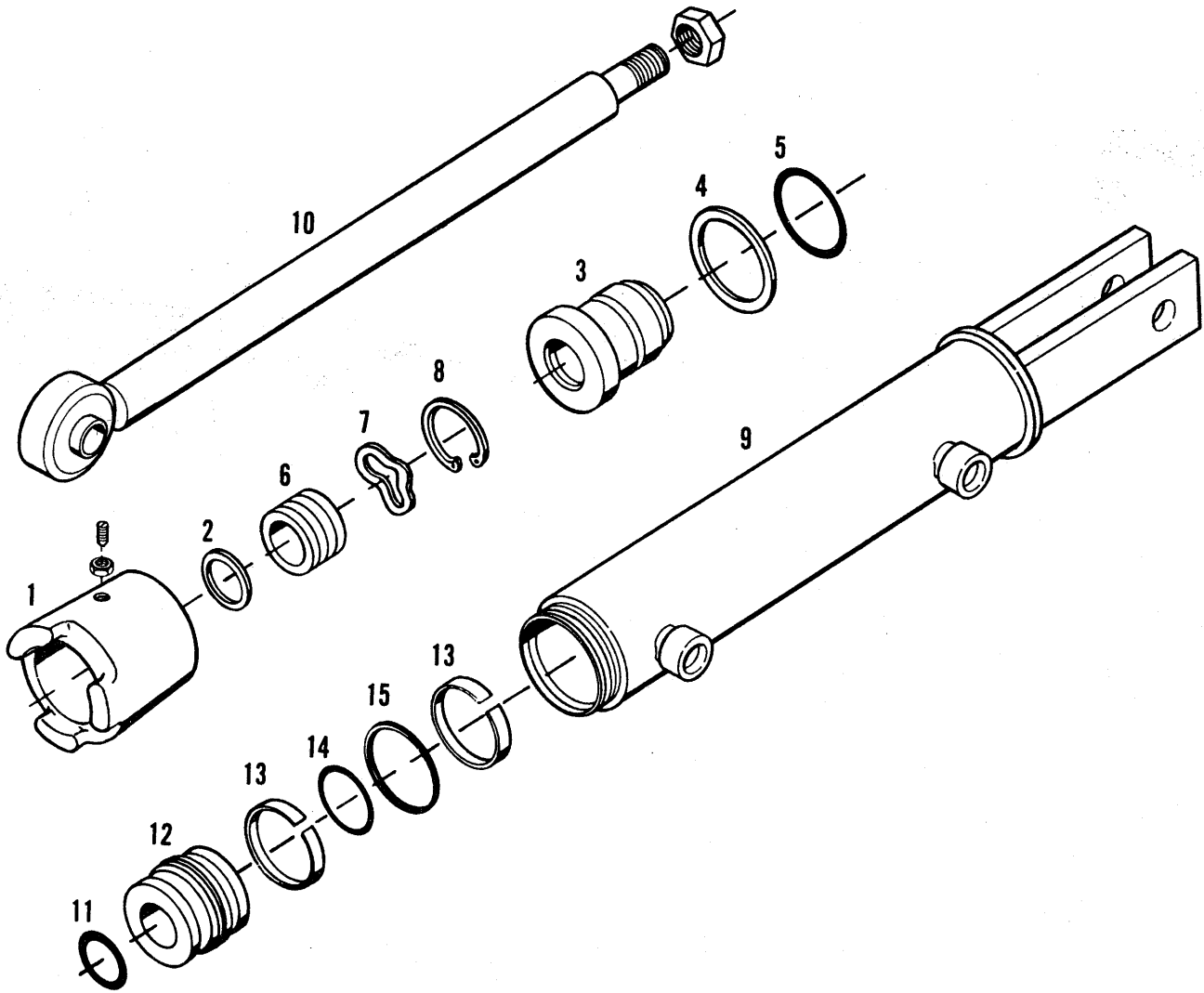
710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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LIFT CYLINDER  
710C LOADER  
3-POINT HITCH

ITEM	NUMBER	QTY.	DESCRIPTION
—	1019525-3	1	CYLINDER ASY., lift (Incl. Items 1 thru 16)
1	1008372-3	1	RING, flange
	0907675-3	1	SETSCREW, socket
	0911325-9	1	NUT, jam, 1/4NC
2	-----	1	RING, wiper (Serviced in REPAIR KIT 1000974)
3	1000970-2	1	HEAD, cylinder
4	0926623-0	1	WASHER, backup
5	0923814-8	1	O-RING
6	1000495-0	1	PACKING, vee
7	1000485-1	1	RING, wavy
8	0925993-8	1	RING, retaining
9	1018793-8	1	TUBE ASY., cylinder
10	1018794-6	1	ROD ASY., piston
	0921343-0	1	NUT, lock, 3/4NC
11	0923649-8	1	O-RING
12	1000971-0	1	PISTON
13	2017479-3	2	RING, wear
14	0923684-5	1	O-RING, seal
15	0931894-0	1	SEAL, piston
—	1000974-4	1	REPAIR KIT, seal (Incl. Items 2, 4, 5, 6, 12, 14, 15 & 16)

TILT CYLINDER  
710C LOADER  
3-POINT HITCH



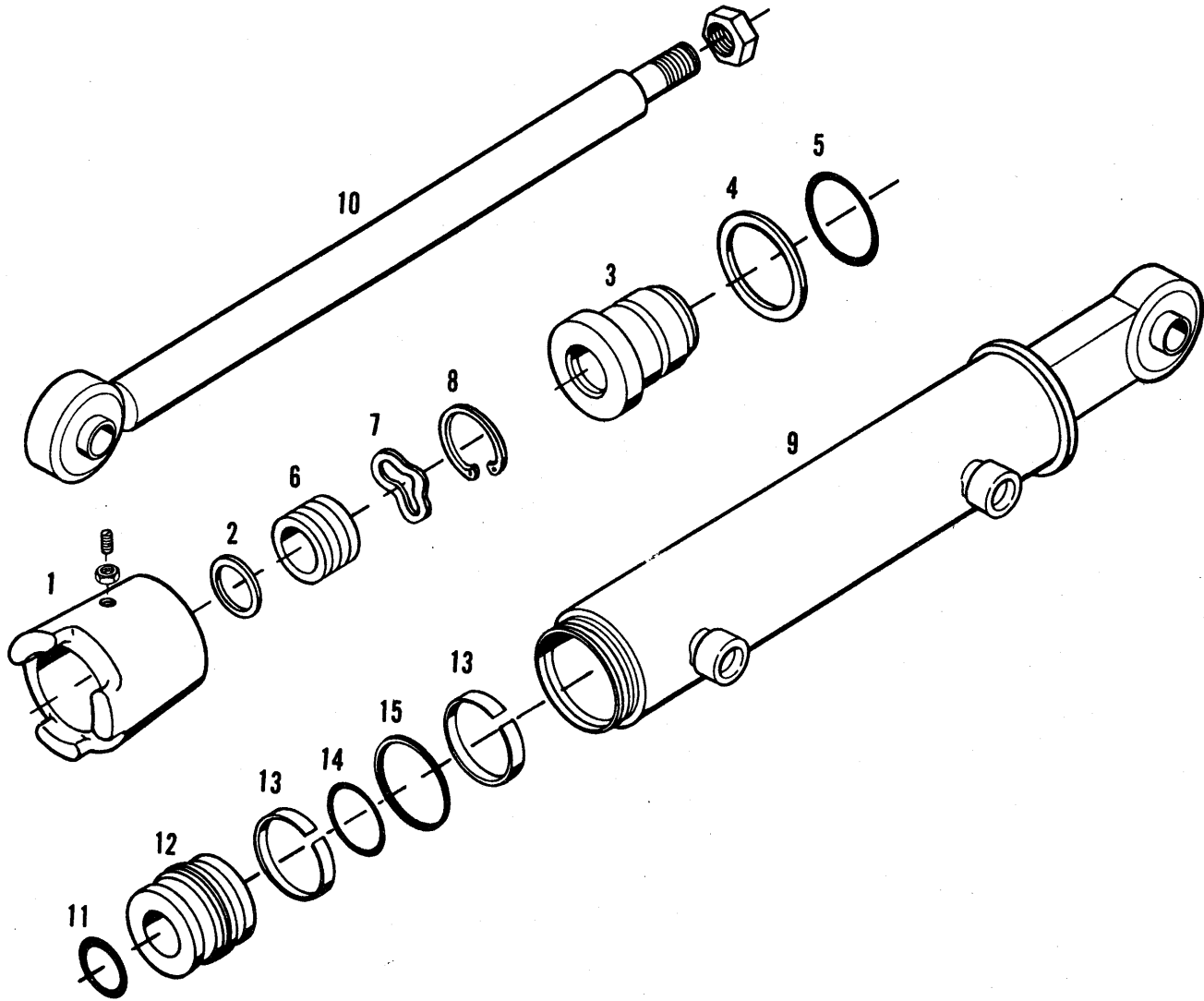
710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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TILT CYLINDER  
710C LOADER  
3-POINT HITCH

ITEM	NUMBER	QTY.	DESCRIPTION
-	1023193-4	1	CYLINDER ASY., tilt (Incl. Items 1 thru 15)
1	1008372-3	1	RING, flange
	0907675-3	1	SETSCREW, socket
	0911325-9	1	NUT, jam, 1/4NC
2	-----	1	RING, wiper (Serviced in REPAIR KIT 1000974)
3	1000970-2	1	HEAD, cylinder
4	0926623-0	1	WASHER, backup
5	0923814-8	1	O-RING
6	1000495-0	1	PACKING, vee
7	1000485-1	1	RING, wavy
8	0925993-8	1	RING, retaining
9	1023197-5	1	TUBE ASY., cylinder
10	1018679-9	1	ROD ASY., piston
	0921343-0	1	NUT, lock, 3/4NC
11	0923649-8	1	O-RING
12	1000971-0	1	PISTON
13	2017479-3	2	RING, wear
14	0923684-5	1	O-RING, seal
15	0931894-0	1	SEAL, piston
-	1000974-4	1	REPAIR KIT, seal (Incl. Items 2, 4, 5, 6, 11, 13, 14 & 15)

PITCH CYLINDER  
710C LOADER - 3-POINT HITCH



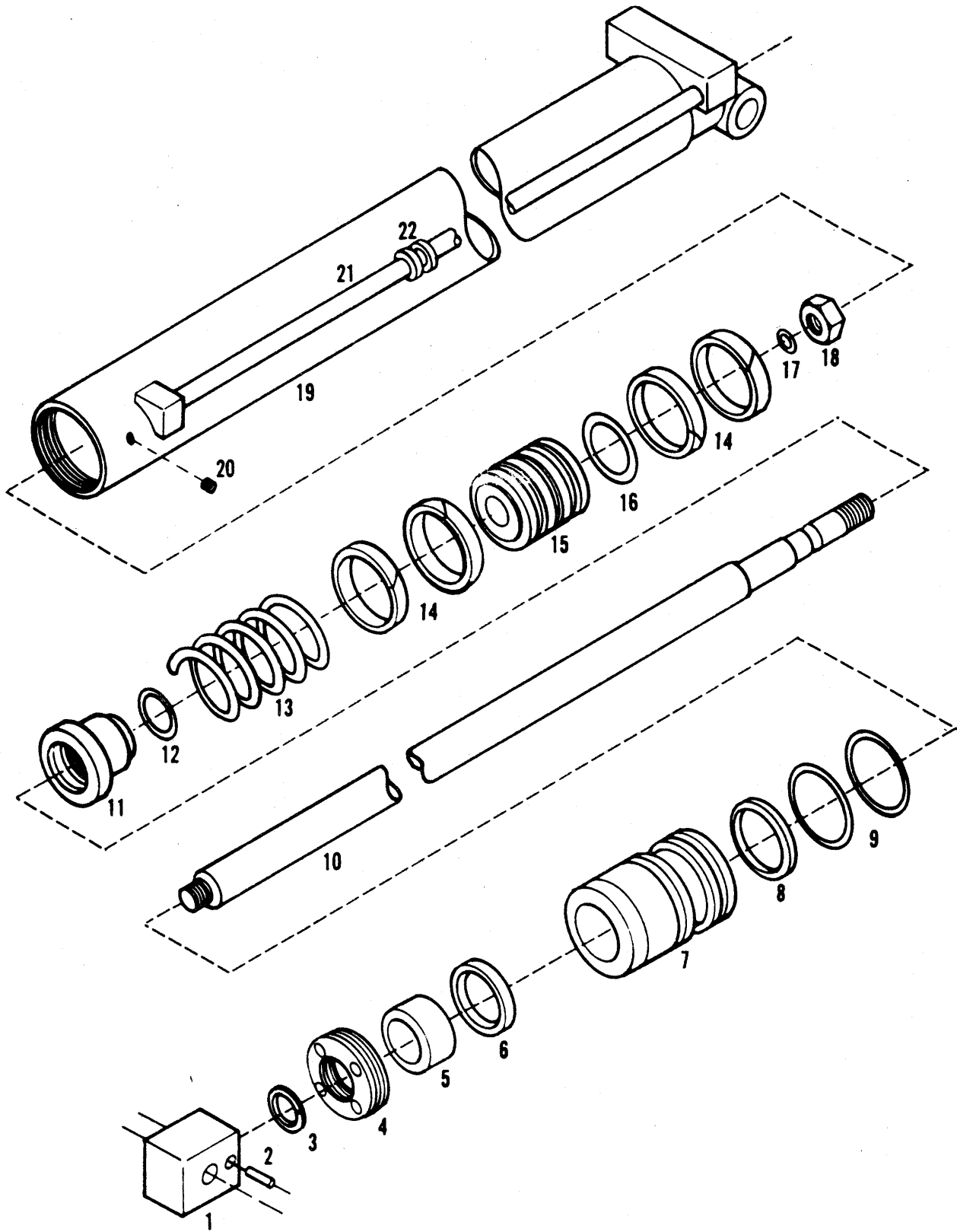
710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

201

PITCH CYLINDER  
710C LOADER — 3-POINT HITCH

ITEM	NUMBER	QTY.	DESCRIPTION
—	1023192-6	1	CYLINDER ASY., pitch (Incl. Items 1 thru 15)
1	1008372-3	1	RING, flange
	0907675-3	1	SCREW, set, socket
	0911325-9	1	NUT, jam, 1/4NC
2	—	1	RING, wiper (Serviced in REPAIR KIT 1000974)
3	1000970-2	1	HEAD, cylinder
4	0926623-0	1	WASHER, backup
5	0923814-8	1	O-RING
6	1000495-0	1	PACKING, vee
7	1000485-1	1	RING, wavy
8	0925993-8	1	RING, retaining
9	1023205-6	1	TUBE ASY., cylinder
10	1019515-4	1	ROD ASY., piston
	0921343-0	1	NUT, lock, 3/4NC
11	0923649-8	1	O-RING
12	1000971-0	1	PISTON
13	2017479-3	2	RING, wear
14	0923684-5	1	O-RING, seal
15	0931894-0	1	SEAL, piston
—	1000974-4	1	REPAIR KIT, seal (Incl. Items 2, 4, 5, 6, 11, 13, 14 & 15)

CYLINDER ASY.  
EXTENSION





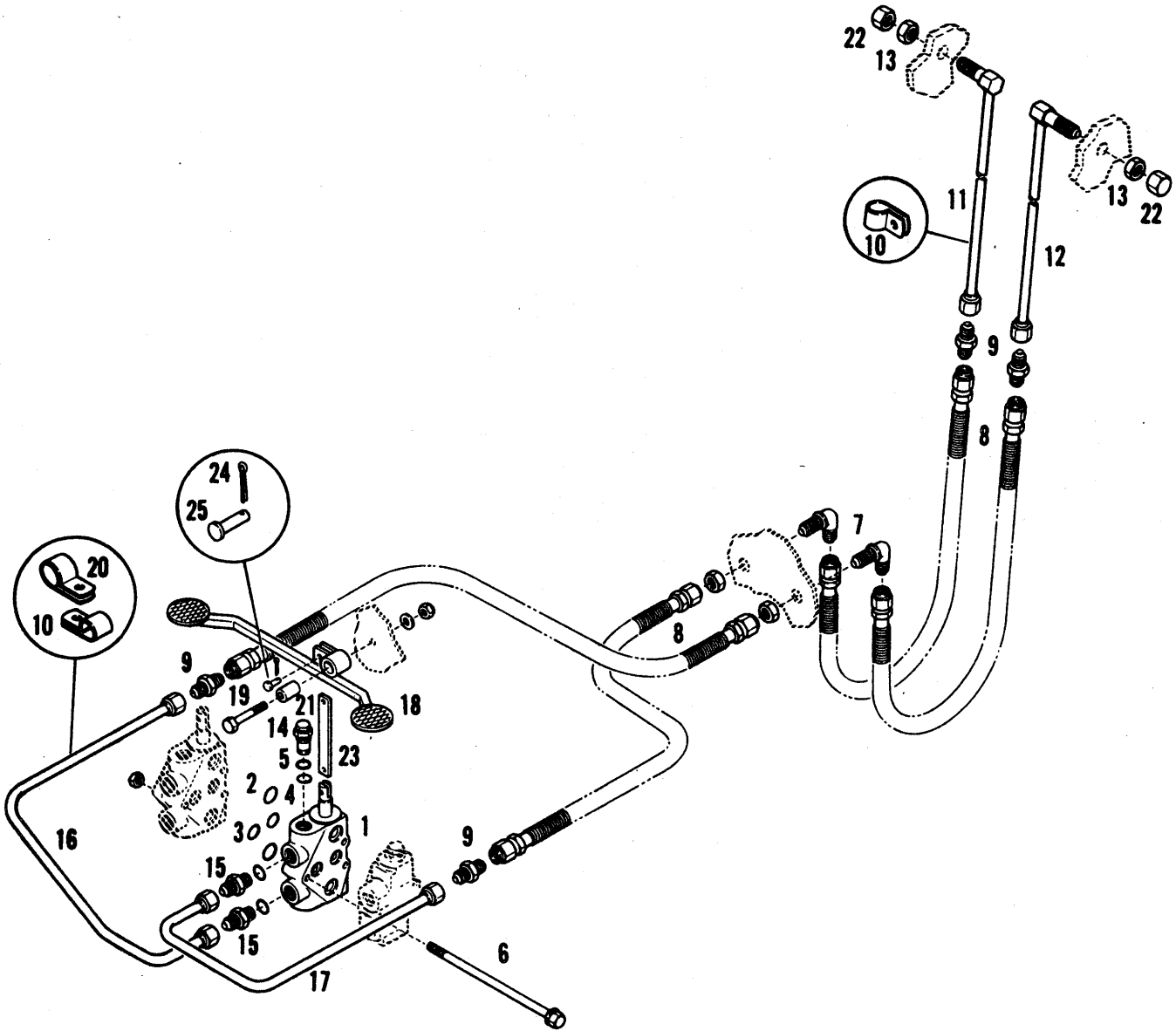
710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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CYLINDER ASY.  
EXTENSION

ITEM	NUMBER	QTY.	DESCRIPTION
—	1019059-3	—	CYLINDER ASY., extension (Incl. Items 1 thru 22)
1	1019077-5	1	CLEVIS
2	-----	1	PIN, roll (Serviced in SEAL KIT 1019078)
3	-----	1	WIPER (Serviced in SEAL KIT 1019078)
4	1019076-7	1	RING, lock/gland
5	-----	1	BEARING (Serviced in SEAL KIT 1019078)
6	-----	1	SEAL, rod
7	1019075-9	1	GLAND, packing
8	-----	1	RING, backup (Serviced in SEAL KIT 1019078)
9	-----	2	O-RING, gland (Serviced in SEAL KIT 1019078)
10	1019070-0	1	ROD, cylinder
11	1019073-4	1	CUSHION
12	-----	1	O-RING, cushion (Serviced in SEAL KIT 1019078)
13	1019072-6	1	SPRING, cushion
14	-----	4	RING, cast iron (Serviced in SEAL KIT 1019079)
15	1019071-8	1	PISTON
16	-----	1	O-RING, piston O.D.
17	-----	1	O-RING, piston I.D.
18	0914488-2	1	NUT, lock, 7/8NF
19	1019069-2	1	BARREL ASY.
20	-----	1	SCREW, set, nylon (Serviced in SEAL KIT 1019078)
21	-----	1	TUBE, barrel asy. (Not serviced)
22	1019074-2	1	GUARD, tube
—	1019078-3	1	SEAL KIT (Incl. Items 2, 3, 8, 9, 12 & 20)
—	1019079-1	1	SEAL KIT (Incl. Items 5, 14 & SEAL KIT 1019078)

AUXILIARY BACKHOE HYDRAULICS



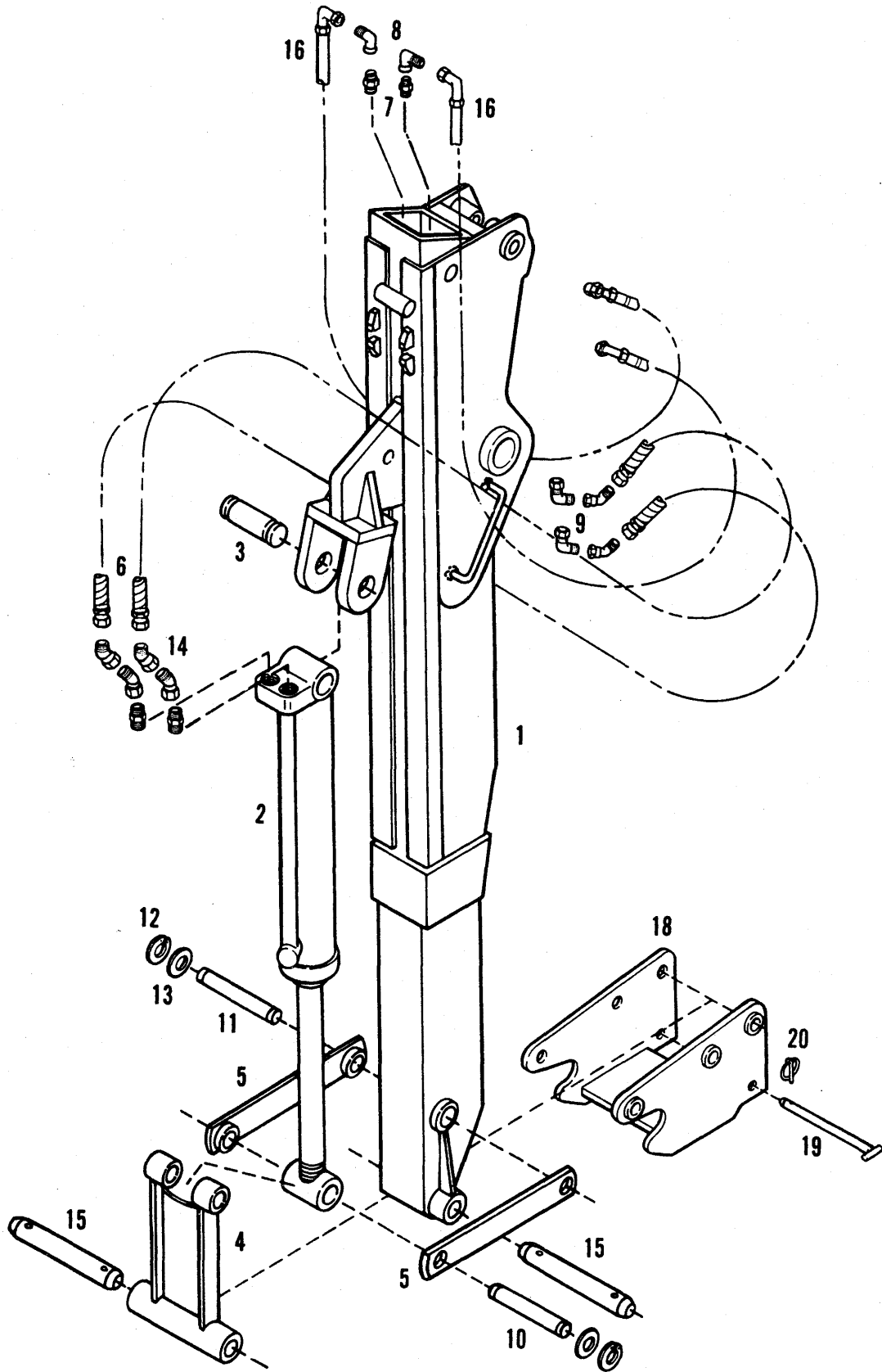
710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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AUXILIARY BACKHOE HYDRAULICS

ITEM	NUMBER	QTY.	DESCRIPTION
1	1018625-2	1	SECTION, valve
2	0924191-0	2	O-RING
3	0923562-3	2	O-RING
4	0923946-8	2	O-RING
5	1010486-7	2	RING, backup
6	1018639-3	3	BOLT
	0914929-5	3	NUT, 3/8NF
7	1002675-5	2	ELBOW, bulkhead
8	1008250-1	2	HOSE ASY.
9	0921368-7	4	UNION, 7/8NC
10	0928656-8	4	CLAMP, tube, 5/8
11	1010979-1	1	TUBE ASY., boom, L.H.
12	1010980-9	1	TUBE ASY., boom, R.H.
13	0919620-5	2	NUT, lock
14	1010515-3	2	VALVE, relief (2500 PSI)
15	0923080-6	2	CONNECTOR
16	1012546-6	1	TUBE ASY.
17	1012544-1	1	TUBE ASY.
18	1018010-7	1	PEDAL ASY.
19	0921972-6	1	CAPSCREW, 3/8NC x 2-1/2
20	0925621-5	1	CLAMP (1")
21	1008980-3	1	BUSHING, 3/8 I.D. x 1-1/4 long
22	0923002-0	2	CAP
23	1018009-9	1	LINK
24	0917644-7	2	PIN, clevis, 1/4
25	0923360-2	2	PIN, cotter
26	1018036-2	1	TUBE ASY., swing valve to tee (Shown in SUCTION & RETURN LINES group)

AUXILIARY HYDRAULICS  
EXTENDABLE DIPPSTICK



710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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AUXILIARY HYDRAULICS  
EXTENDABLE DIPPSTICK

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023458-1	1	DIPPERSTICK ASY. (Service by components)
2	1022984-7	1	CYLINDER ASY., bucket
3	1008245-1	1	PIN, cylinder base end
4	1023009-2	1	LINK ASY., bucket
5	1023010-0	2	LINK ASY., guide (Incl. BUSHINGS)
	1004734-8	2	BUSHING
6	1015511-7	2	HOSE ASY., bucket cylinder
7	0921326-5	2	CONNECTOR (Incl. O-RING)
	0921205-1	2	O-RING
8	0921325-7	2	ELBOW, swivel, 90°
9	0924198-5	4	ELBOW, swivel, 45°
10	1012351-1	1	PIN, cylinder rod end
11	1008243-6	1	PIN, guide link pivot
12	0928179-1	6	RING, retaining
13	0922679-6	6	WASHER, flat
14	0922472-6	2	FITTING, ell, 90°
15	1043086-6	2	PIN, bucket
16	1015510-9	2	HOSE ASY., extension, cylinder
17	1019928-9	2	GUIDE, hose (Not illustrated)
	0915726-4	2	NUT, 5/8NC
18	1022516-7	1	HOOK ASY.
19	1023440-9	1	PIN, hook
20	0239854-3	1	PIN, quick hitch



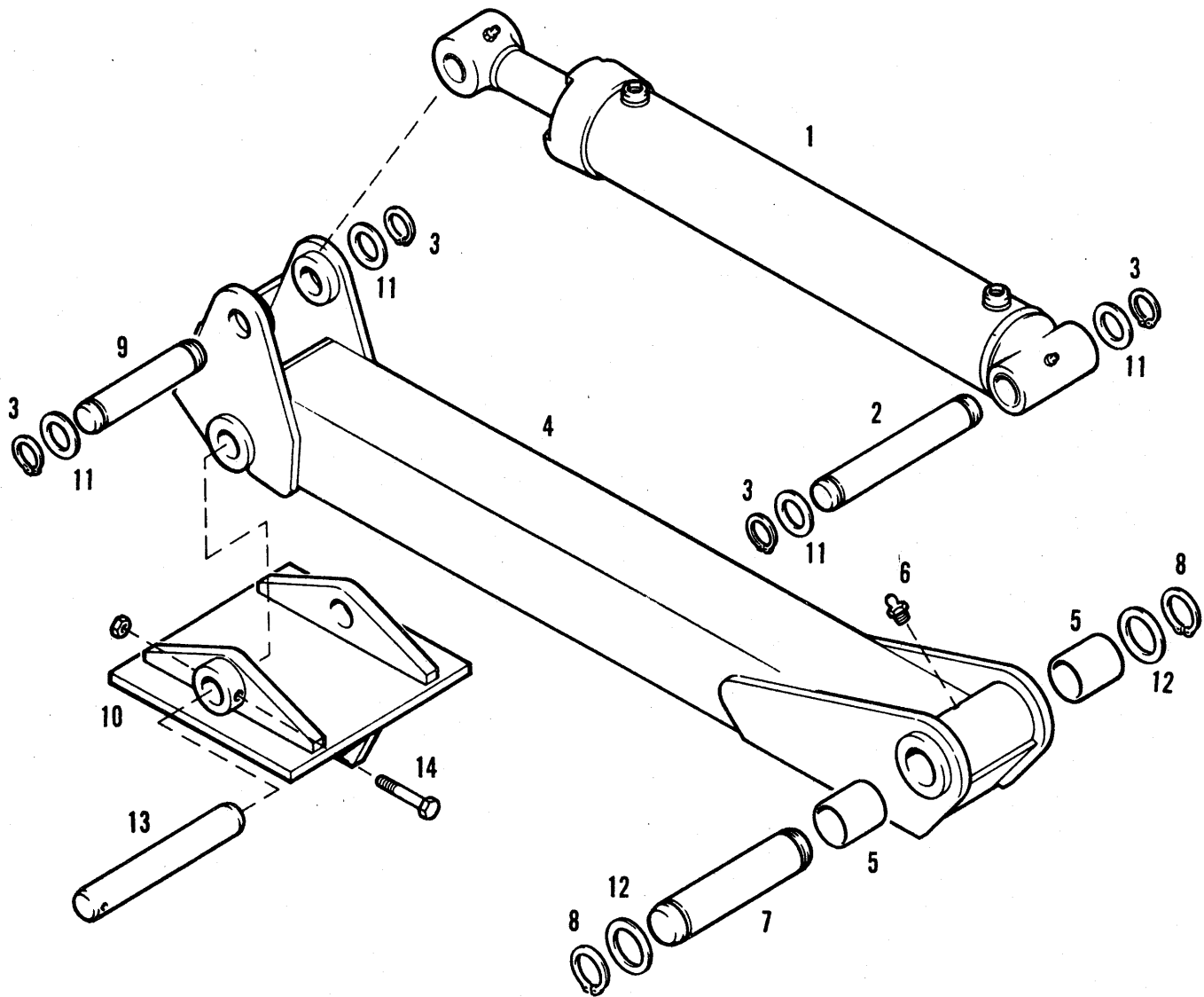
710C, 714C, 715C TRACTORS  
HYDRAULIC SYSTEM

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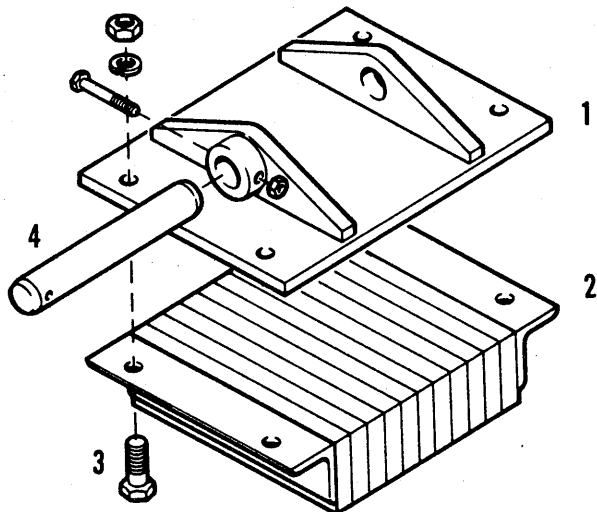
AUXILIARY LOADER HYDRAULICS

ITEM	NUMBER	QTY.	DESCRIPTION
1	1018638-5	1	SECTION, valve
2	0924191-0	2	O-RING
3	0923562-3	2	O-RING
4	0923946-8	2	O-RING
5	1010486-7	2	RING, backup
6	4907310-9	3	STUD
	0914929-5	3	NUT, 3/8NF
7	1010515-3	2	RELIEF VALVE, circuit (2500 PSI)
8	0923717-3	2	FITTING, 3/8NC x 3/4 (Incl. O-RING)
	0921205-1	2	O-RING
9	0925018-4	1	FITTING 45° swivel
10	1018378-8	1	TUBE ASY., bottom port on section
11	1009518-0	1	HOSE ASY.
12	1016929-0	1	HOSE ASY.
13	0927261-8	2	FITTING, bulkhead, 3/4NC (Incl. NUT)
	0923412-1	2	NUT
14	1012464-2	2	TUBE ASY., hydraulic
15	0919066-1	4	UNION, 3/4NC
16	1014749-4	2	HOSE ASY.
17	1018366-3	1	TUBE ASY., hyd., R.H.
18	1018367-1	1	TUBE ASY., hyd., L.H.
19	1016928-2	2	HOSE ASY.
20	1014475-6	2	PLATE, orifice
21	1016911-8	1	TUBE ASY.
22	1018369-7	1	GAUGE ASY., sight
23	1018374-7	1	DECAL, sight gauge
24	0925617-3	4	CLAMP
25	0646631-2	4	NUT, welded, 3/8NC
26	0921210-1	4	CAPSCREW, 3/8NC x 1
	0916965-7	4	LOCKWASHER, 3/8
27	1022353-5	1	LINK, handle
28	0917644-7	1	PIN, 1/4
	0904020-5	1	PIN, cotter
29	0923087-1	1	PIN, 3/8
	0918448-2	1	PIN, cotter
30	1022348-5	1	LEVER ASY., handle
31	1009059-5	1	KNOB
32	1023456-5	1	CAPSCREW, 3/8NC x 2-1/4
	0925730-4	1	NUT, lock, 3/8NC
33	1018376-2	1	DECAL, handle

STABILIZER PAD & STABILIZER CYLINDER



STABILIZER STREET PAD





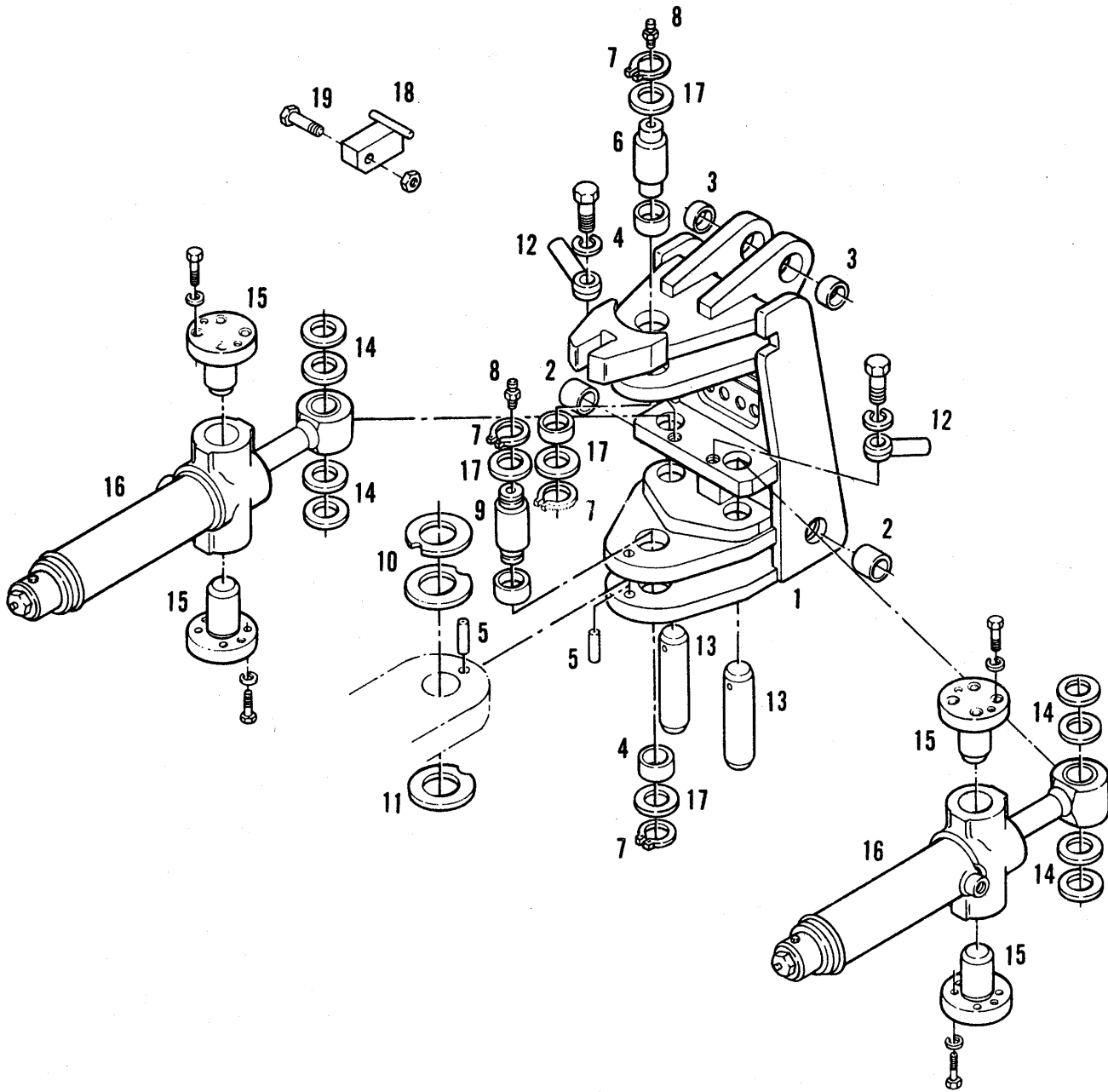
STABILIZER PAD & STABILIZER CYLINDER

ITEM	NUMBER	QTY.	DESCRIPTION
1	1022057-2	2	CYLINDER ASY., stabilizer (Refer to STABILIZER CYL. ASY. for components)
2	1008243-6	2	PIN, stabilizer cylinder base
3	0928179-1	8	RING, snap
4	1022056-4	2	STABILIZER ASY. (Each ASY. incl. 1 of Item 6 & 2 of Item 5)
5	1004100-2	4	BUSHING
6	0922887-5	2	FITTING, grease
7	1008139-6	2	PIN, pivot, stabilizer
8	2019582-2	4	RING, snap
9	1008140-4	2	PIN, stabilizer cylinder rod
10	1021457-5	2	PAD ASY., stabilizer
11	0922679-6	-	WASHER, 1-7/32 x 2-1/2 x No. 12
12	1001637-6	4	WASHER
13	2019669-7	2	PIN, pad pivot
14	0920275-5	2	CAPSCREW, 3/8NC x 3
	0919439-0	2	NUT, lock, 3/8NC

STABILIZER STREET PAD

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023282-5	2	PAD, stabilizer
2	1000856-3	2	PAD, rubber
3	0923292-7	8	CAPSCREW, 3/4NC x 2
	0919332-7	8	LOCKWASHER, 3/4
	0913160-8	8	NUT, 3/4NC

SWING FRAME & CYLINDERS



710C, 714C, 715C TRACTORS  
BACKHOE

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SWING FRAME & CYLINDERS

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023485-4	1	SWING FRAME ASY., std. (Incls. Items 3, 4 & one of Item 5)
2	1001115-3	2	BUSHING
3	1004099-6	2	BUSHING
4	1008878-9	4	BUSHING
5	0930917-0	2	PIN, dowel
6	1008892-0	1	PIN, top
7	2019582-2	4	RING, snap
8	0922887-5	2	FITTING, grease
9	1008893-8	1	PIN, bottom
10	1008018-2	2	WASHER, thrust, 2.28 I.D. x 4-1/2 x 11/64
11	1010539-3	1	WASHER, wide rim
12	0918750-1	2	RETAINER, pin
	0923292-7	2	CAPSCREW, 3/4NC x 2
	0919332-7	2	LOCKWASHER, 3/4
13	1008165-1	2	PIN
14	1001637-6	*	WASHER, 2-1/64 I.D. x 3 x 10 Ga. (* Use as req'd)
15	1023238-7	4	PIN, trunnion
	0919089-3	16	CAPSCREW, 1/2NC x 1-3/4
	0916966-5	16	LOCKWASHER, 1/2
16	1023216-3	2	CYLINDER ASY., swing (Refer to SWING CYLINDER ASY. for component parts)
17	1001637-6	4	WASHER, 2-1/64 I.D. x 3 x 10 Ga.
18	1023646-1	1	LOCK BAR
19	0916343-7	1	CAPSCREW, 3/4NF x 6
	1010930-4	1	NUT, 3/4NF



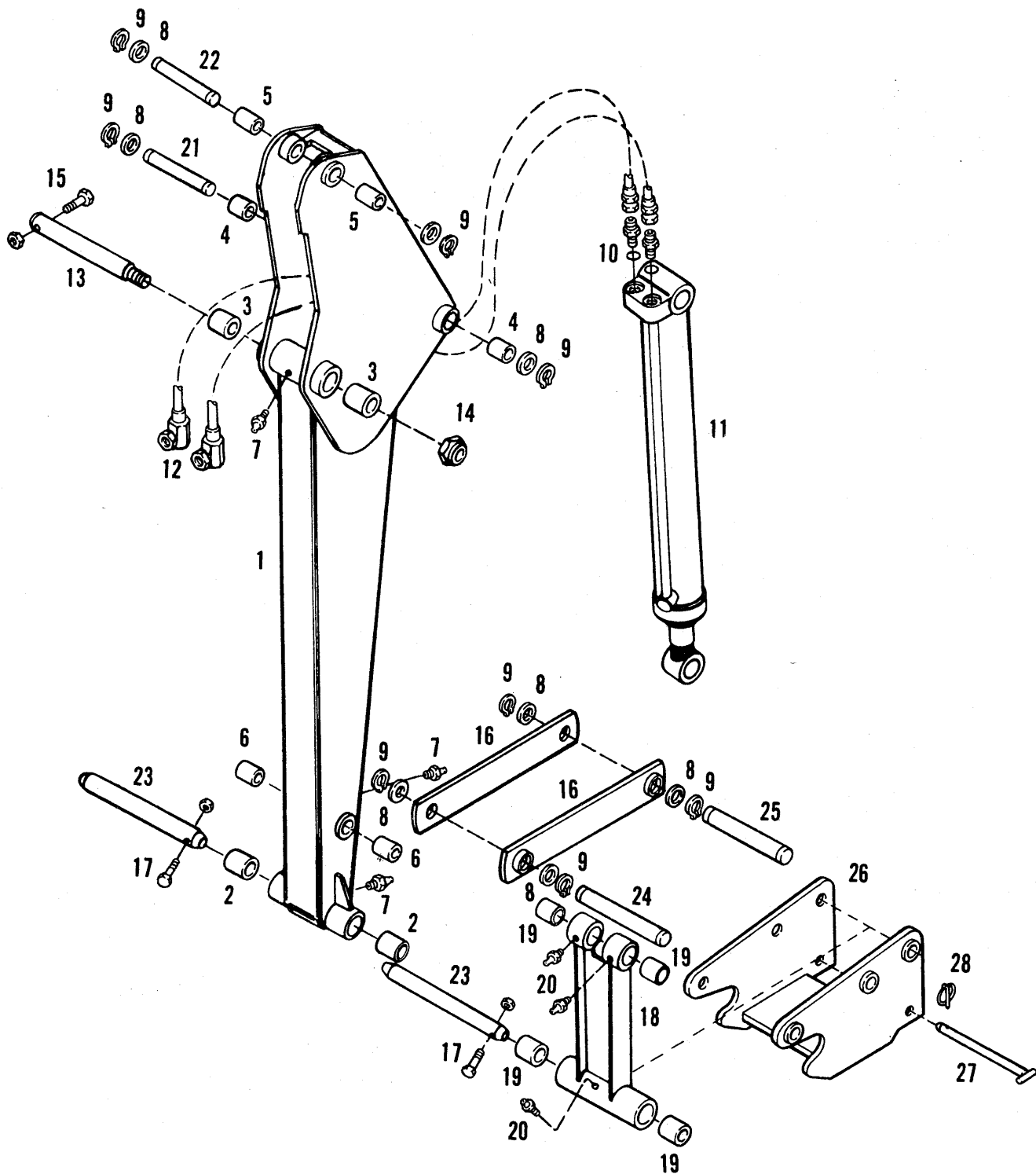
710C, 714C, 715C TRACTORS  
BACKHOE

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BOOM & HYDRAULICS

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023070-4	1	BOOM ASY. (Std.) (Incl. Items 2 thru 5)
2	2017927-1	2	BUSHING (2 I.D. x 2-1/2 long)
3	0914465-0	1	FITTING, grease, 1/8 str.
4	2018393-5	2	BUSHING (1-1/2 I.D. x 2-1/2 long)
5	1008257-6	1	PIN, boom pivot
6	2019582-2	6	RING, snap (2")
7	1008253-5	1	PIN, boom cylinder base
8	1008256-8	1	PIN, boom cylinder rod
9	1023008-4	1	PIN, dipper cylinder base
10	1008220-4	1	CYLINDER ASY., boom (Refer to BOOM ASY. for component parts)
11	1022958-1	1	CYLINDER ASY., dipper (Refer to DIPPER CYL. ASY. for component parts) (14.2)
	1022979-7	1	CYLINDER ASY., dipper (Refer to DIPPER CYLINDER ASY. for component parts) (15)
12	1008251-9	1	TUBE ASY., L.H.
	0919620-5	1	NUT, lock, 7/8NF
13	1008252-7	1	TUBE ASY., R.H.
	0919620-5	1	NUT, lock, 7/8NF
14	1001637-6	6	WASHER, 2-1/64 I.D. x 3 x 10 Ga.
15	0928656-8	2	CLAMP
16	0921985-8	2	CAPSCREW, 3/8NF x 1
	0914929-5	1	NUT, lock, 3/8NF
17	0921368-7	2	UNION
18	1008248-5	2	HOSE ASY., boom cylinder
19	1008249-3	2	HOSE ASY., dipper cylinder
20	1008250-1	2	HOSE ASY., bucket tube
21	0921326-5	4	CONNECTOR (Std. only) (Incl. O-RING)
	0921235-8	4	O-RING

DIPPERSTICK & HYDRAULICS



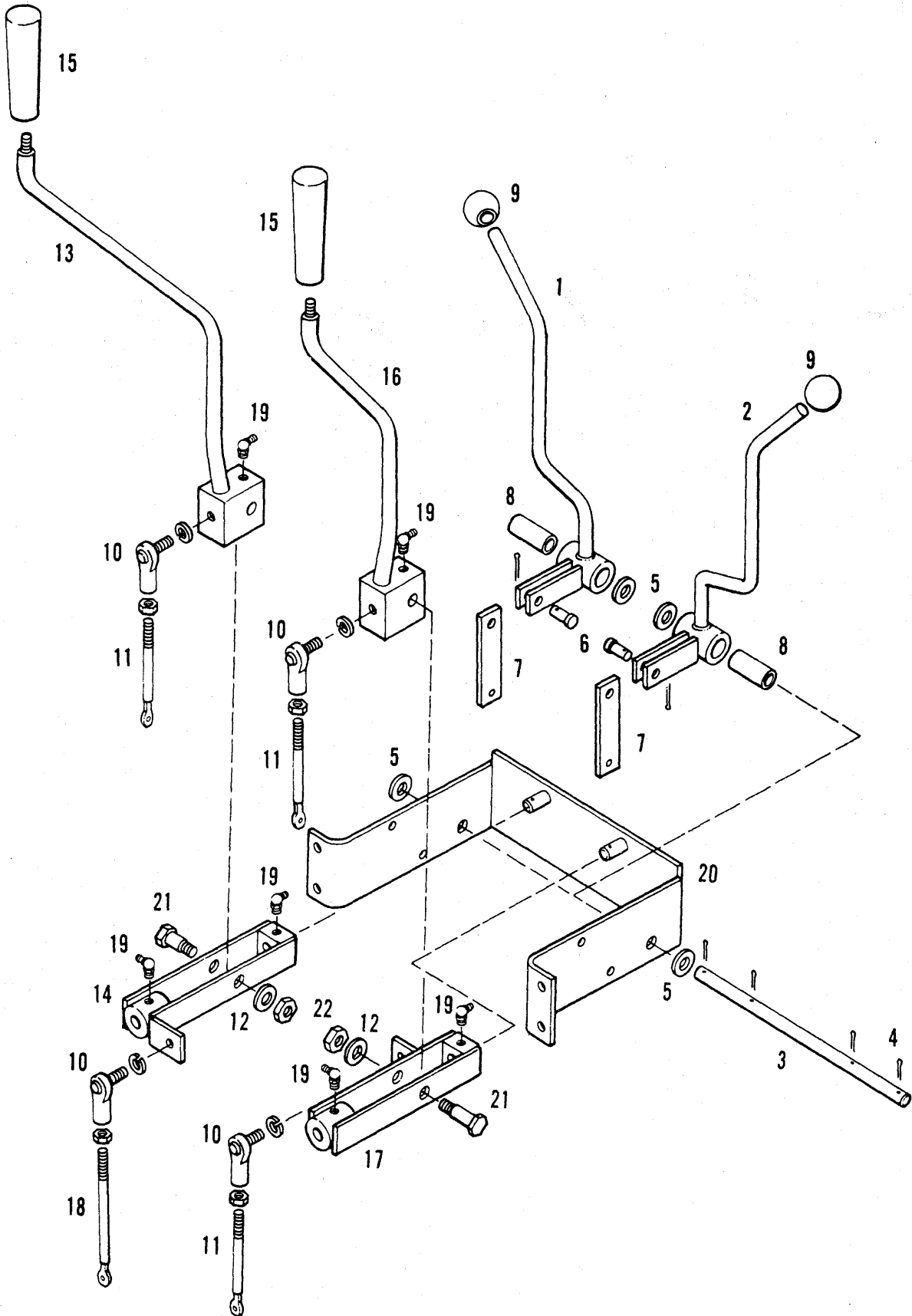
710C, 714C, 715C TRACTORS  
BACKHOE

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DIPPERSTICK & HYDRAULICS

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023074-6	1	DIPPERSTICK ASY. (Incls. Items 2 thru 6) (15)
	1023310-4	1	DIPPERSTICK ASY. (Incls. Items 2 thru 6) (14.2)
2	2018402-4	4	BUSHING
3	1004100-2	2	BUSHING
4	1001137-7	2	BUSHING
5	1001115-3	2	BUSHING
6	2018393-5	2	BUSHING
7	0914465-0	3	FITTING, grease, 1/8 str.
8	0922679-6	6	WASHER, 1-1/2 I.D. x 2-1/4 x 12 Ga.
9	0928179-1	8	RING, snap
10	0921326-5	2	CONNECTOR (Incl. O-RING) (715C)
	0921328-1	1	ELBOW (Incl. O-RING) (714C)
	0921205-1	2	O-RING
11	1022984-7	1	BUCKET CYLINDER (Refer to BUCKET CYLINDER ASY. for component parts)
12	1023778-2	2	HOSE ASY.
13	1008255-0	1	PIN, pivot, dipper
14	0917835-1	1	NUT, lock, 1-1/2NC
15	0919236-0	1	CAPSCREW, 1/2NF x 4
	0915315-6	1	NUT, lock, 1/2NF
16	1023010-0	2	GUIDE LINK ASY. (Incl. BUSHINGS)
	1004734-8	2	BUSHING
17	0921761-3	2	CAPSCREW, 1/2NF x 3-1/4
	0915315-6	2	NUT, lock, 1/2NF
18	1023009-2	1	BUCKET LINK ASY. (Incl. Items 18 & 19)
19	2018402-4	4	BUSHING (1-1/2 I.D. x 1-15/16 long)
20	0914465-0	3	FITTING, grease, 1/8 str.
21	1008245-1	1	PIN, bucket cylinder
22	1023007-6	1	PIN, dipper cylinder rod
23	1043086-6	2	PIN, bucket
	1019143-5	2	PIN ASY., 12" bucket
	0919089-3	2	CAPSCREW, 1/2NC x 1-3/4
	0922304-1	2	NUT, 1/2NC
24	1008243-6	1	PIN, guide link
25	1012351-1	1	PIN, guide link
26	1022516-7	1	HOOK ASY.
27	1023440-9	1	PIN, hook
28	0239854-3	1	PIN, quick hitch

CONTROLS  
BACKHOE





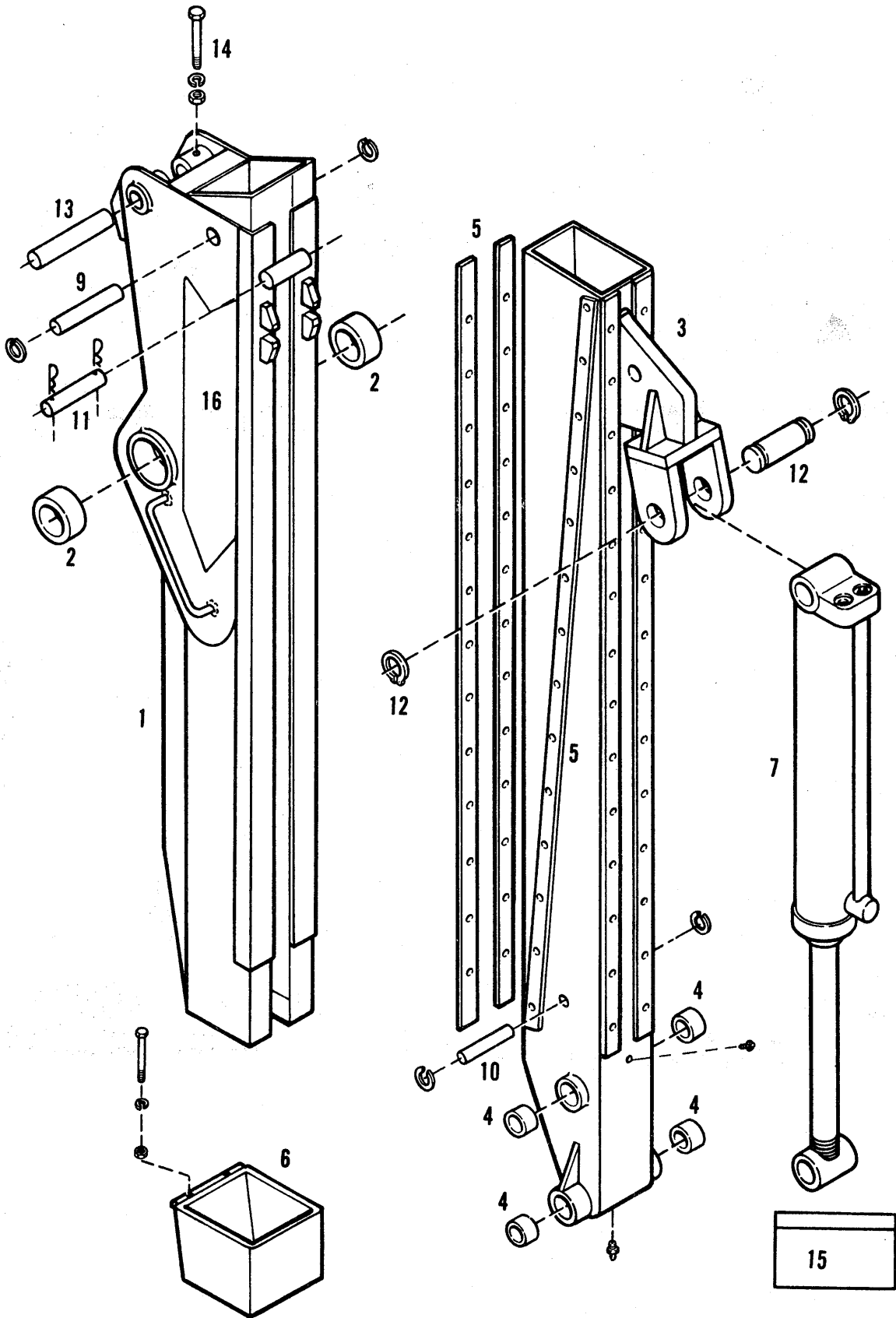
710C, 714C, 715C TRACTORS  
BACKHOE

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CONTROLS  
BACKHOE

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023378-1	1	LEVER ASY., stabilizer, R.H.
2	1023377-3	1	LEVER ASY., stabilizer, L.H.
3	1023411-0	1	SHAFT, lever pivot
4	0918452-4	4	PIN, cotter
5	0917379-0	4	WASHER, flat
6	0923093-9	2	PIN, yoke
	0918448-2	2	PIN, cotter, 3/32 x 1
7	1023400-3	2	ROD, control
8	1009053-8	2	BUSHING
9	1009059-5	2	KNOB
10	1022053-1	4	JOINT, ball
	0924332-0	4	NUT, 3/8NF
11	1023412-8	3	ROD, control
12	0918266-8	4	WASHER, 3/8
13	1023374-0	1	LEVER ASY., R.H.
14	1023382-3	1	BLOCK ASY., pivot, R.H.
15	2016374-7	2	HANDLE
16	1023373-2	1	LEVER ASY., L.H.
17	1023381-5	1	BLOCK ASY., pivot, L.H.
18	1023781-6	1	ROD, control
19	0925730-4	6	FITTING, lube
20	1023379-9	1	SUPPORT ASY., handle
21	0921210-1	4	CAPSCREW, 3/8NC x 1
22	0919439-0	8	LOCKNUT, 3/8NC

EXTENDABLE DIPPERSTICK



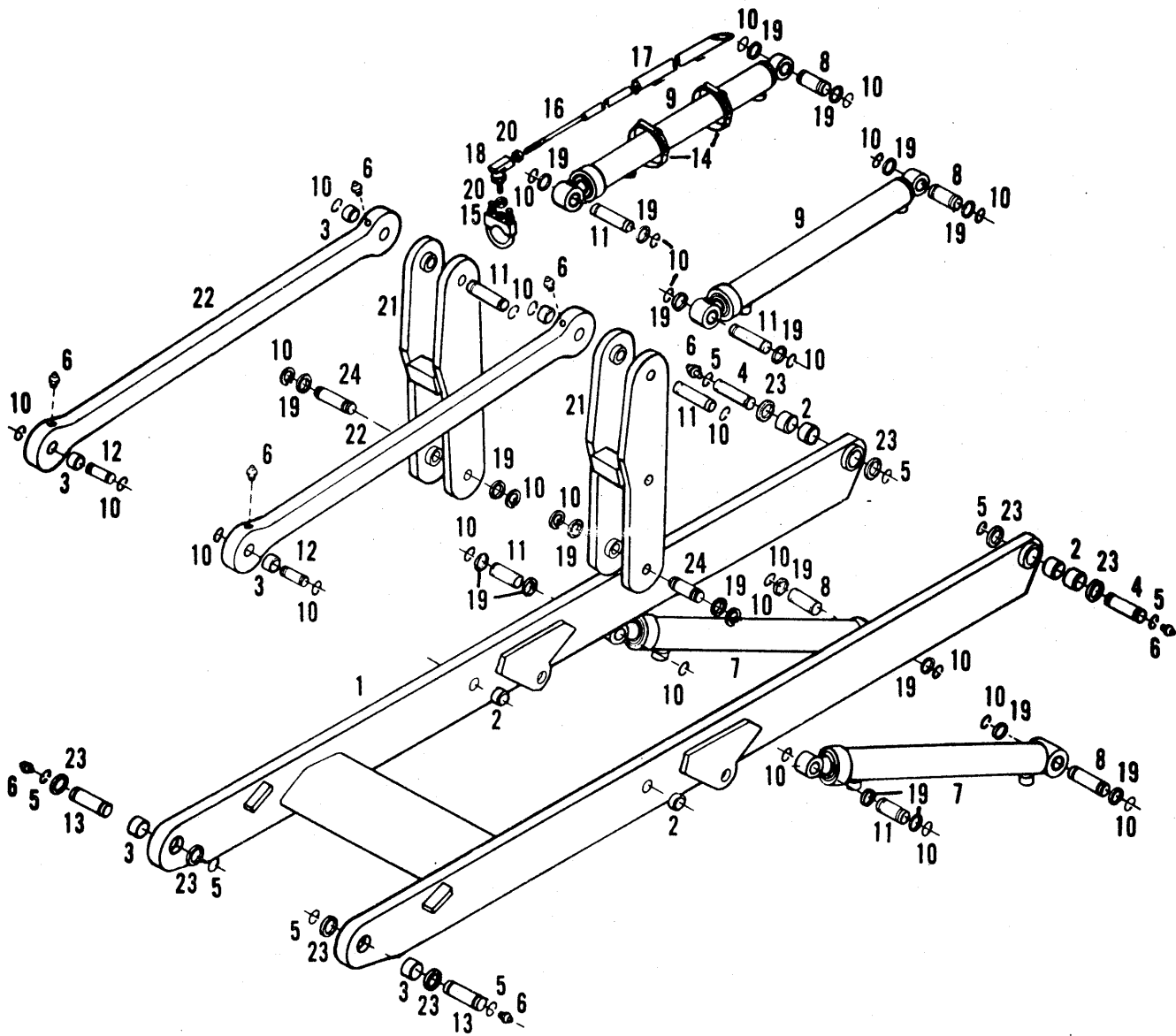
710C, 714C, 715C TRACTORS  
BACKHOE

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EXTENDABLE DIPPERSTICK

ITEM	NUMBER	QTY.	DESCRIPTION
-	1023458-1	1	DIPPERSTICK ASY. (Incl. Items 1 thru 24) (Serviced by components)
1	1023721-2	1	HOUSING ASY. (Incl. Item 2)
2	1019174-0	2	BUSHING
3	1023722-0	1	EXTENSION, telescoping (Incl. Items 4 thru 8)
	0922887-5	2	FITTING, grease
4	1019080-9	4	BUSHING
5	1023727-9	6	STRIP, bearing
6	1023723-8	1	COLLAR, housing
7	1022984-7	1	CYLINDER ASY., bucket
8	0901507-4	2	NIPPLE, pipe (Not Illustrated)
9	1019060-1	1	PIN, cylinder base end
	0927693-2	2	RING, snap, internal
10	1019061-9	1	PIN, cylinder rod end
	0927693-2	2	RING, snap, internal
11	1019062-7	1	PIN, travel lock
	1019063-5	2	CLIP, pin
12	1023726-1	1	PIN, bracket, cylinder extension
	0928179-1	2	RING, snap
	0922887-5	2	FITTING, grease
13	1023725-3	1	PIN, crowd cylinder rod
14	0923320-6	7	CAPSCREW, 1/2NC x3
	0916966-5	7	LOCKWASHER, 1/2
	0916951-7	7	NUT, 1/2NC
15	-----	1	DECAL, "Do Not Grease" (Not Serviced)
16	-----	2	DECAL, "DIGMOR" (Not Serviced)
-	1019634-3	1	DECAL, extendable dipper (Not Illustrated)

LOADER, LINKAGE & CYLINDERS

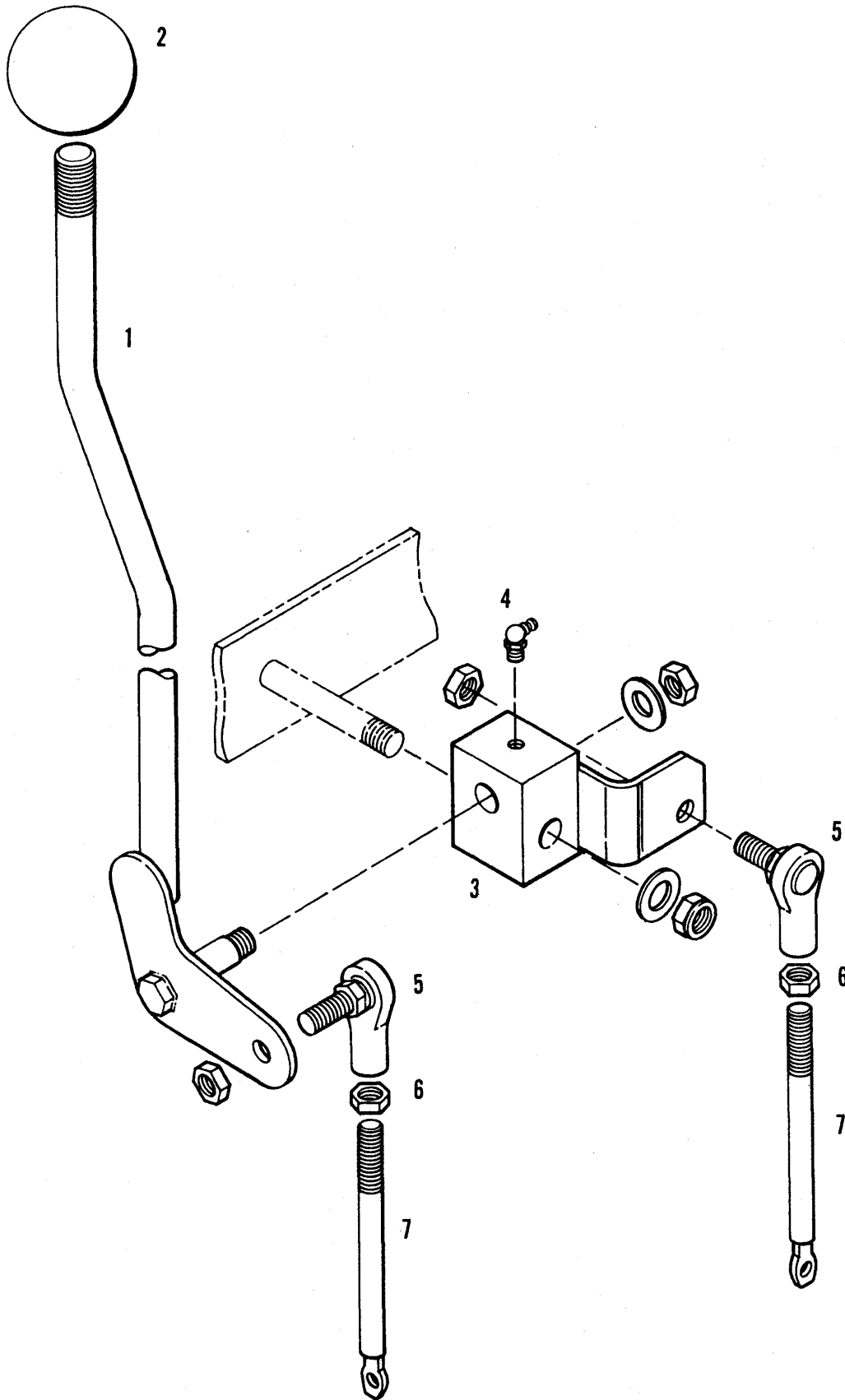


710C, 714C, 715C TRACTORS  
 LOADER

LOADER, LINKAGE & CYLINDERS

ITEM	NUMBER	QTY.	DESCRIPTION
1	1016716-1	1	ARM ASY., lift
2	1001137-7	6	BUSHING
3	1001115-3	6	BUSHING
4	1016863-1	2	PIN, lift arm
5	2019582-2	8	RING, snap
6	0922887-5	8	FITTING, grease
7	1022900-3	2	CYLINDER ASY., lift
8	1016862-3	4	PIN, cylinder base
9	1016761-7	2	CYLINDER ASY., tilt
10	0928179-1	28	RING, snap
11	1008876-3	6	PIN, lift & tilt cylinders
12	1008875-5	2	PIN, bucket tilt
13	1008874-8	2	PIN, bucket pivot
14	0921915-5	2	CLAMP
15	1017247-6	1	BRACKET ASY.
16	1014842-7	1	ROD, sight
17	1017246-8	1	TUBE ASY., gauge
18	0925042-4	1	JOINT, ball
19	0922679-6	*	WASHER, 1-17/32 x 2-1/4 x No. 12 (*Use as req'd)
20	0919423-4	2	NUT, 1/2NF
21	1016707-0	2	LEVER ASY., bucket
22	1022960-7	2	LINK ASY., bucket
23	1001637-6	8	WASHER
24	1018631-0	2	PIN, pivot

CONTROLS  
LOADER

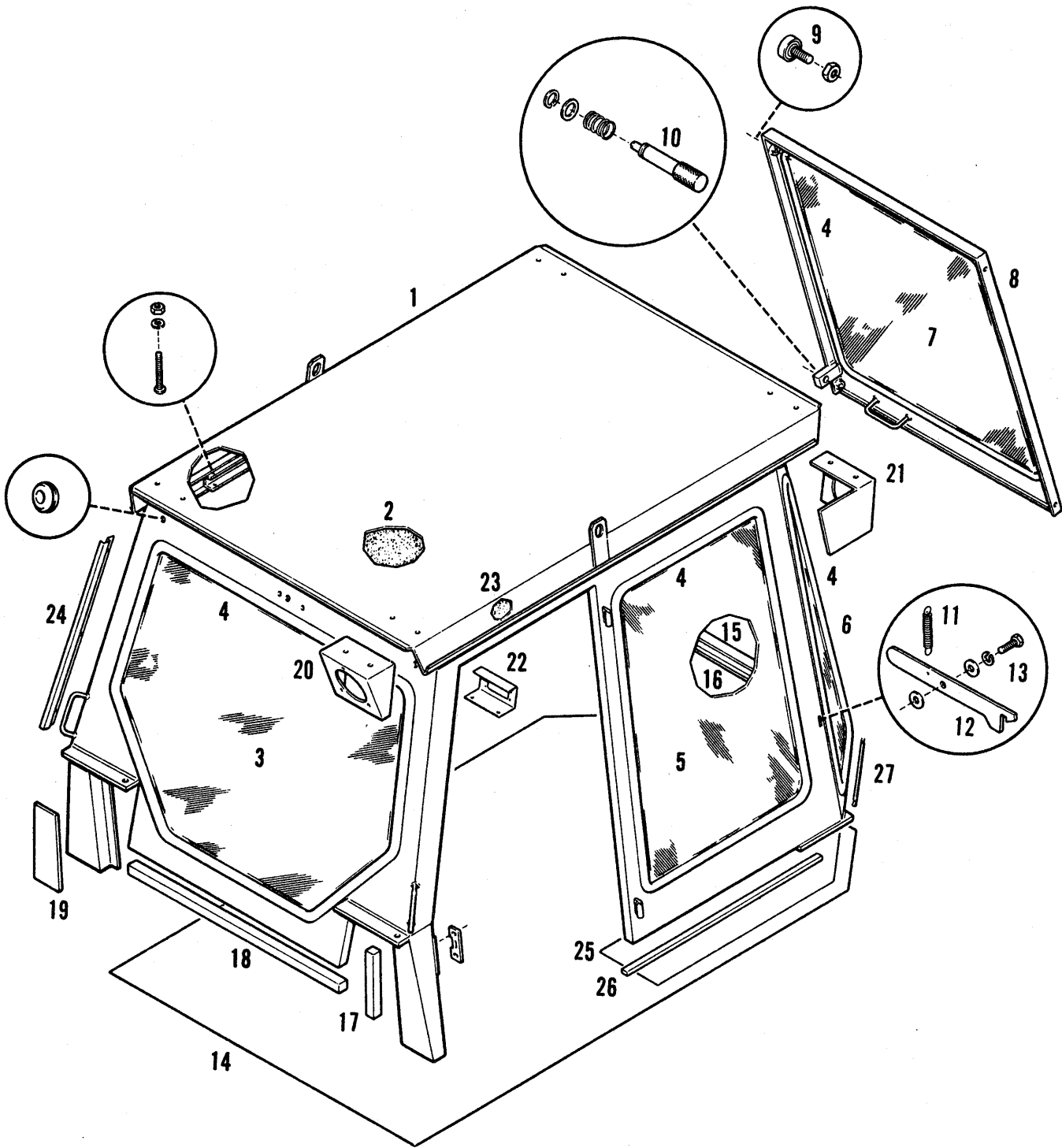


710C, 714C, 715C TRACTORS  
LOADER

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CONTROLS  
LOADER

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023394-8	1	HANDLE ASY., control
	0918266-8	2	WASHER, plain, 3/8
	0919439-0	1	NUT, lock, 3/8NC
2	0243416-5	1	KNOB, handle
3	1023399-7	1	BLOCK, pivot
	0918266-8	1	WASHER, plain, 3/8
	0919439-0	1	NUT, lock, 3/8NC
4	0925730-4	1	FITTING, grease
5	1022053-1	2	JOINT, ball, 3/8NC
	0924332-0	2	NUT, lock, 3/8
6	0918403-7	2	NUT, jam, 3/8NC
7	1017301-1	2	ROD, control





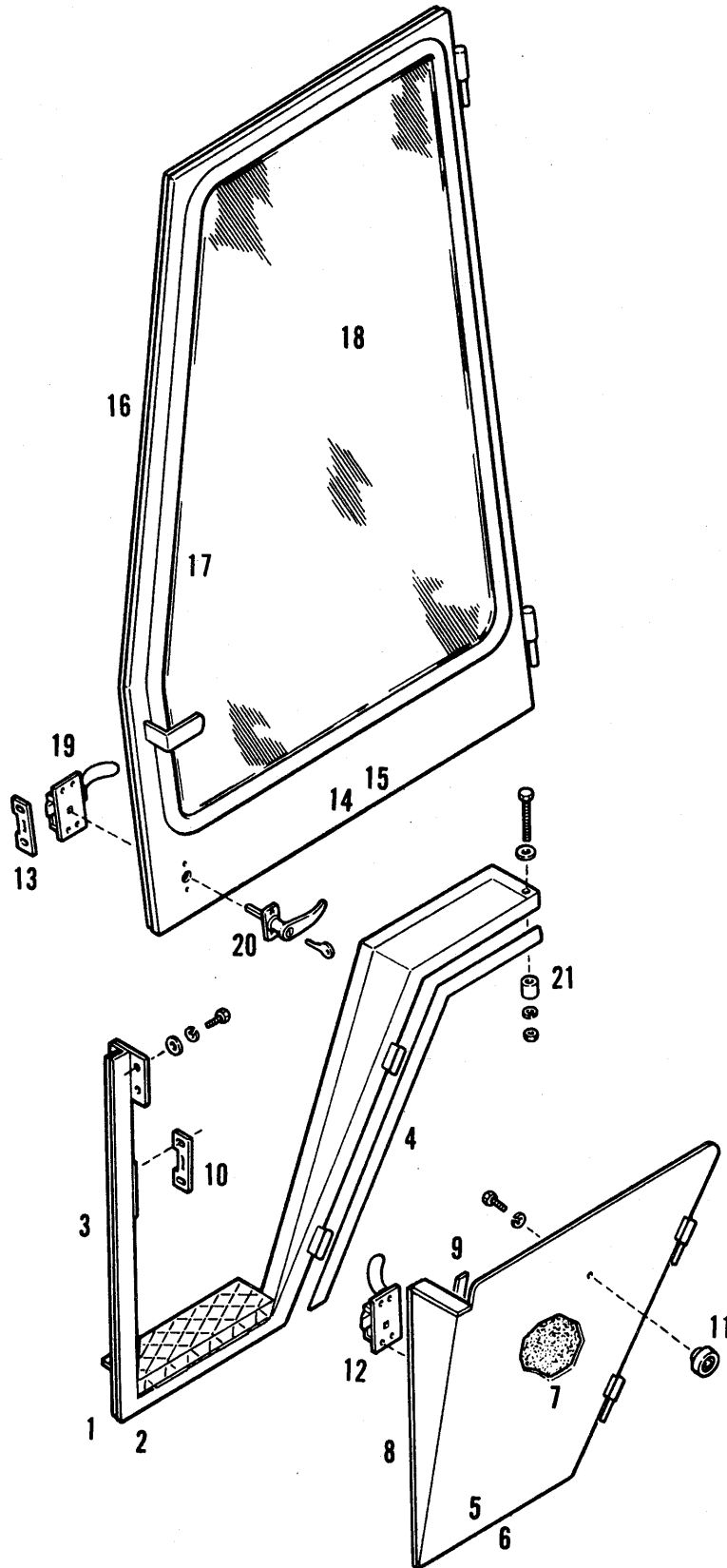
710C, 714C, 715C TRACTORS  
CAB

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CAB

ITEM	NUMBER	QTY.	DESCRIPTION
1	-----	1	CAB WELDMENT (Not Serviced)
2	1019367-0	1	INSULATION, roof, front (Polyfoam)
	1019368-8	1	INSULATION, roof, center (Polyfoam)
	1019369-6	1	INSULATION, roof, back (Polyfoam)
3	-----	1	GLASS, windshield (Not Serviced, obtain locally)
4	1023968-9	6	SEAL, window, rubber
5	-----	2	GLASS, rear side window (Not Serviced, obtain locally)
6	-----	2	GLASS, rear corner (Not Serviced, obtain locally)
7	-----	1	GLASS, rear window (Not Serviced, obtain locally)
8	1019334-0	1	WINDOW ASY., rear roll-up
9	1019336-5	4	BEARING, roller track
	0922007-0	4	NUT, jam, 7/16NC
10	1019337-3	1	PIN, lock
	1019338-1	1	BUSHING, machine, 5/8 x 1
	0927780-7	1	RING, snap - inverted
	1019339-9	1	SPRING, compression
11	1016966-2	2	SPRING, door holder
12	1019358-9	2	HOLDER, door
13	0921333-1	2	CAPSCREW, 5/16NC x 1-1/4
	0917356-8	2	LOCKWASHER, 5/16
	0918265-0	4	WASHER, flat, 5/16
14	1019370-4	1	MAT, floor
15	1019353-0	1	MOULDING, rubber, offset
16	1019353-0	1	SEAL, rubber, offset - 50"
17	1023951-5	2	SEAL, square 1-1/2 sq. x 7"
18	1023950-7	1	SEAL, square, 1-1/2 sq. x 30"
19	1019366-2	2	MOULDING, front seal panel
20	1019360-5	1	BRACKET, lamp, front right
	1019361-3	1	BRACKET, lamp, front left
	0921332-3	4	CAPSCREW, 5/16NC x 3/4
	0917356-8	4	LOCKWASHER, 5/16
	0918265-0	4	WASHER, flat, 5/16
21	1019362-1	1	BRACKET, lamp, rear right
	1019363-9	1	BRACKET, lamp, rear left
	0921332-3	4	CAPSCREW, 5/16NC x 3/4
	0917356-8	4	LOCKWASHER, 5/16
	0918265-0	4	WASHER, flat, 5/16
22	1023959-8	1	BRACKET, dome light
	1023960-6	1	DOMELIGHT
	0927149-5	6	SCREW, No. 8 x 1/2 sheet metal
23	1023966-3	2	VALVE, upper door
24	1019335-7	1	COVER, wire harness
	0919339-2	3	SCREW, self-tapping, 1/4 x 1/2
25	1023948-1	1	VINYL, fender - right
26	1023949-9	1	VINYL, fender - left
27	1019373-8	2	SPACER, pipe
28	1023952-3	2	SEAL, cab 1/2 x 3/4 x 24-1/2 each
29	1019364-7	2	MOULDING, large st. bubble rubber

CAB DOORS



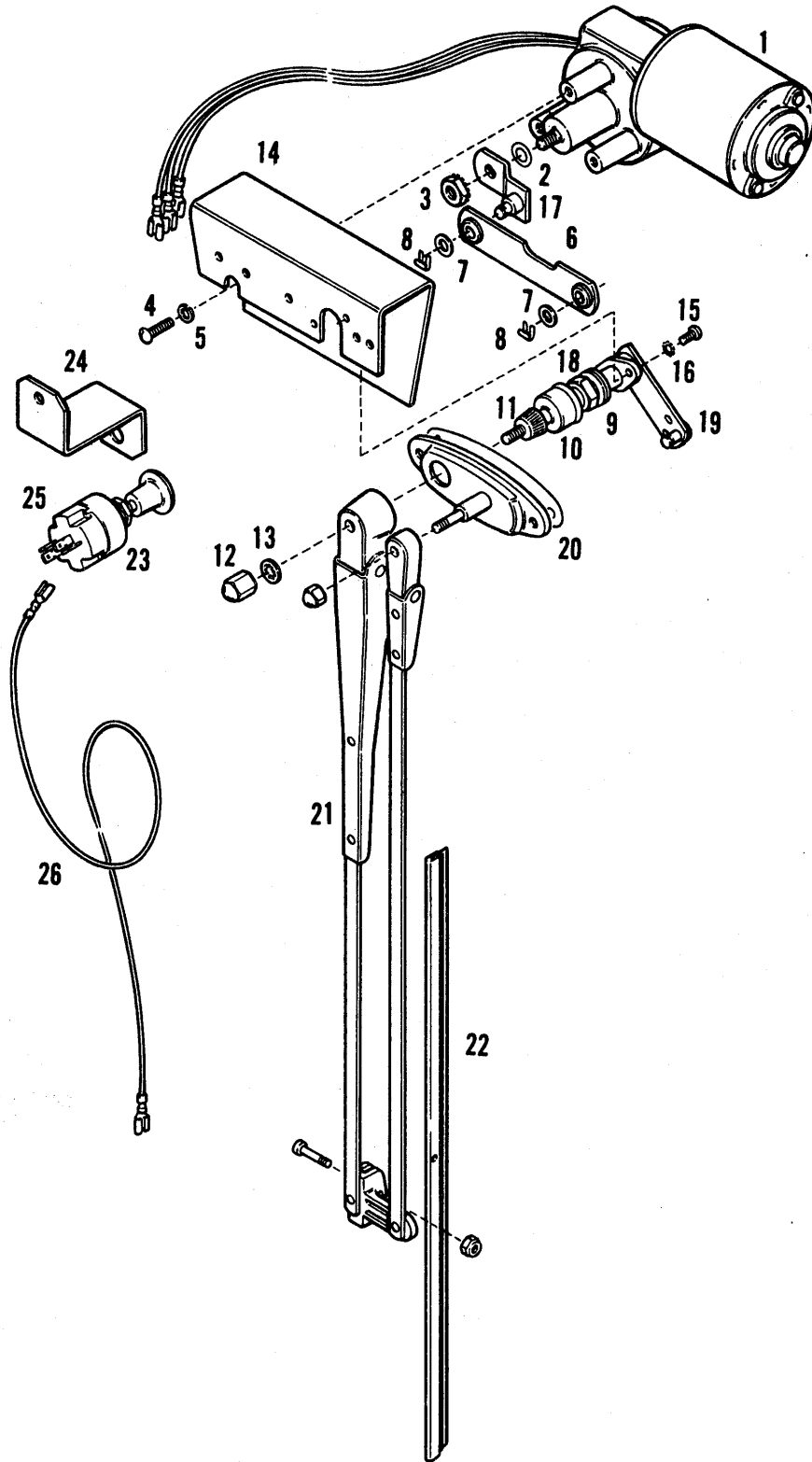
710C, 714C, 715C TRACTORS  
CAB

229

CAB DOORS

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023940-8	1	FRAME ASY., door - R.H. - lower
	1023941-6	1	FRAME ASY., door - L.H. - lower
2	-----	1	PANEL ASY., lower door - right (Not Serviced)
	-----	1	PANEL ASY., lower door - left (Not Serviced)
3	1023967-1	2	INSULATION, lower front frame (Polyfoam)
4	1023968-9	2	INSULATION, rubber, small straight
5	1023942-4	1	DOOR ASY., lower - R.H.
	1023943-2	1	DOOR ASY., lower - L.H.
6	-----	1	PANEL ASY., lower - R.H. (Not Serviced)
	-----	1	PANEL ASY., lower - L.H. (Not Serviced)
7	1023957-2	1	INSULATION, lower door - right vinyl
	1023953-1	1	INSULATION, lower door - left vinyl
8	1023955-6	6	SEAL, door - rubber
9	-----	2	STRIPPING, weather (Not Serviced)
10	1023964-8	2	CATCH, lower door
	0921958-5	4	CAPSCREW, 1/4 x 1/2
	0918264-3	4	WASHER, flat, 1/4
	0916964-0	4	LOCKWASHER, 1/4
11	1023956-4	2	BUMPER, door
	-----	2	BUMPER, weld (Not Serviced)
	0921332-3	2	CAPSCREW, 5/16 x 3/4
	0917356-8	2	LOCKWASHER, 5/16
12	1023963-0	2	LATCH, inside door
	0919339-2	8	SCREW, No. 14 x 5/8 sheet metal
13	1019341-5	2	STRIKER, door
14	1023944-0	1	DOOR ASY., upper - R.H.
	1023945-7	1	DOOR ASY., upper - L.H.
15	-----	1	DOOR WELD, upper - R.H. (Not Serviced)
	-----	1	DOOR WELD, upper - L.H. (Not Serviced)
16	1023955-6	2	SEAL, door rubber
17	1019328-2	2	INSULATION, rubber offset window
18	-----	2	GLASS, door (Not Serviced, obtain locally)
19	1023962-2	2	LATCH, inside door - right
	1023961-4	2	LATCH, inside door - left
	0919339-2	8	SCREW, self-tapping No. 14 x 5/8
20	1023965-5	2	HANDLE, outside locking
	0922030-2	4	SCREW, phillips oval head No. 10 x 1/2

WINDSHIELD WIPER & MOTOR



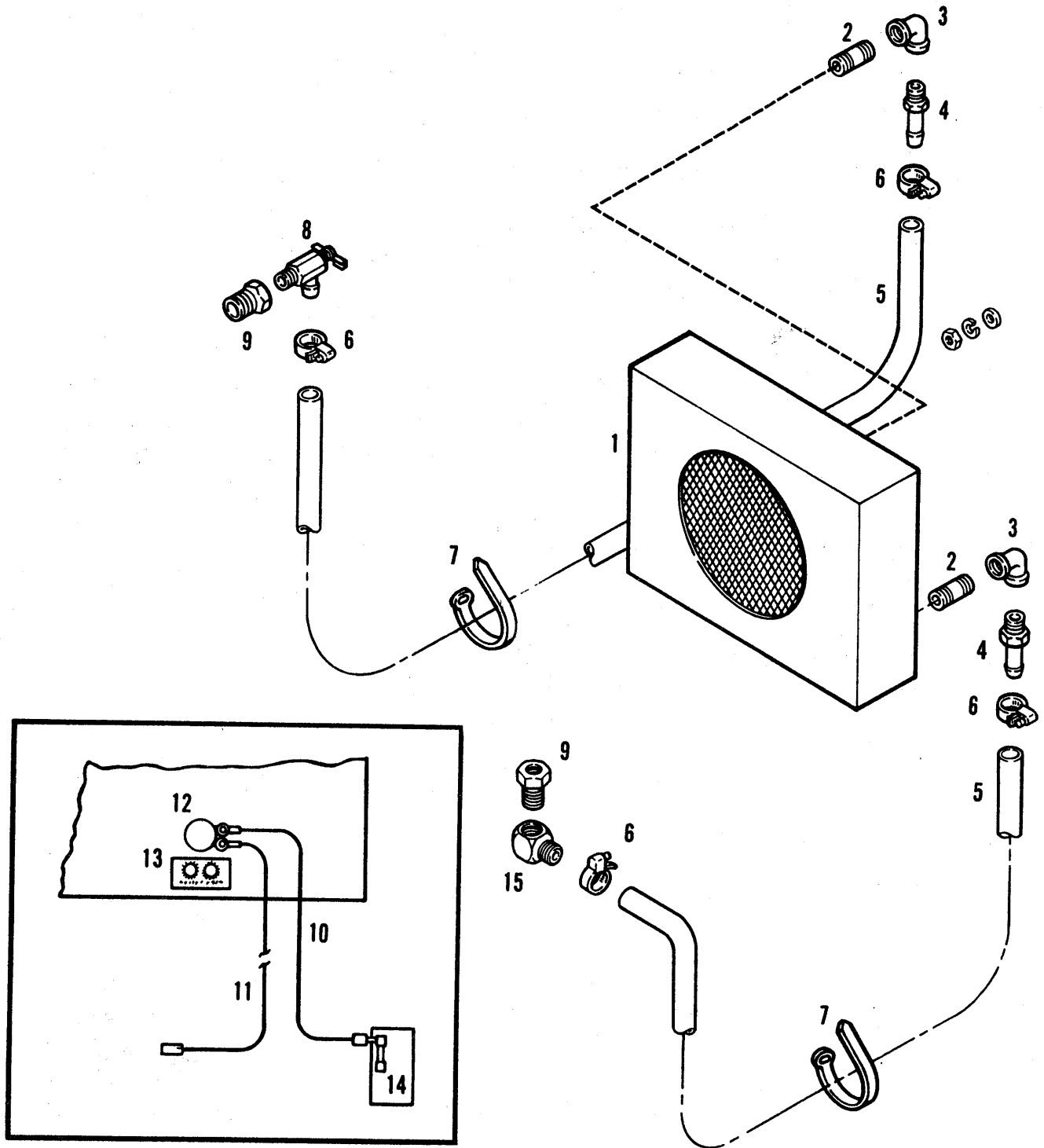
710C, 714C, 715C TRACTORS  
CAB

231

WINDSHIELD WIPER & MOTOR

ITEM	NUMBER	QTY.	DESCRIPTION
—	1010343-0	1	MOTOR KIT, wiper (Incl. Items 1 thru 16)
1	1018662-5	1	MOTOR, wiper
2	0246689-4	1	WASHER
3	0923662-1	1	NUT, plated, 1/4NF
4	0914120-1	3	SCREW, 1/4NF x 3/4
5	0921880-1	3	LOCKWASHER, 1/4
6	3060177-7	1	LINK, connecting
7	0639073-6	2	WASHER, spring
8	0639074-4	2	SPRING, clip
9	1013271-0	1	NUT
10	1013272-8	1	CAP
11	1013273-6	1	DRIVER, knurled
12	1013274-4	1	NUT
13	0923300-8	1	LOCKWASHER, int. tooth, pltd., 5/16
14	3060178-5	1	BRACKET
15	0922121-9	2	SCREW
16	0922711-7	2	LOCKWASHER, ext. tooth, pltd., No. 10
17	3061046-3	1	ARM, crank (Order separately)
18	1013270-2	1	SHAFT, pivot (Order separately)
19	1018840-7	1	SHAFT, pivot (Incl. Items 9 thru 13)
20	1010344-8	1	PANTOGRAPH KIT
21	1010528-6	1	ARM, wiper, 18"
22	1002888-4	1	BLADE, wiper, 16"
23	1010532-8	1	SWITCH, 2-speed
24	1010530-2	1	BRACKET, switch
25	-----	1	FUSE, 20 amp (Order locally)
26	1019173-2	1	WIRE, wiper supply

HEATER  
FIELD INSTALLATION



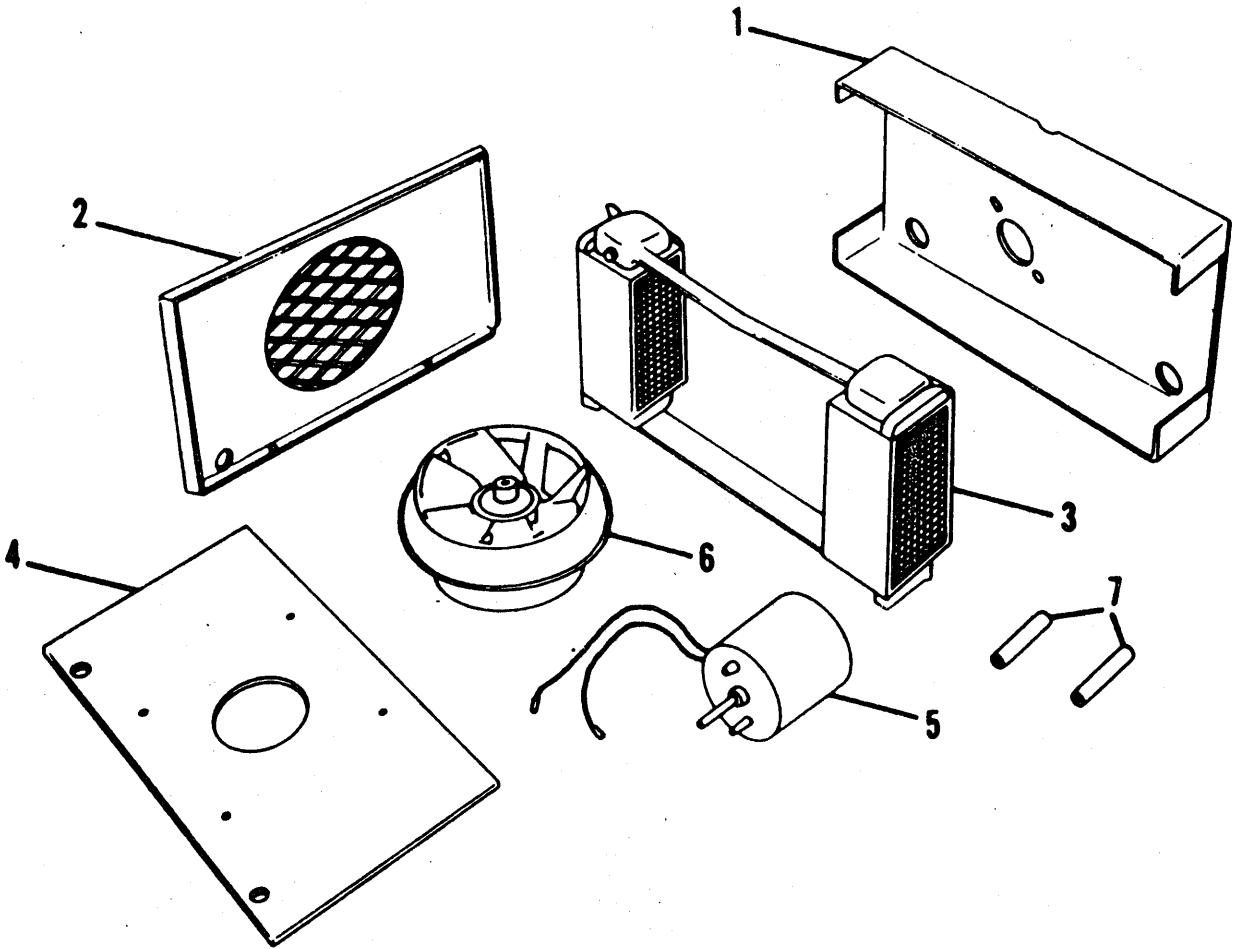
710C, 714C, 715C TRACTORS  
CAB

233

HEATER  
FIELD INSTALLATION

ITEM	NUMBER	QTY.	DESCRIPTION
1	1012517-7	1	HEATER ASY. (Refer to HEATER ASY. for component parts)
	0918264-3	4	WASHER, flat
	0916964-0	4	LOCKWASHER, 1/4
	0916622-4	4	NUT, 1/4NC
2	0901492-9	2	NIPPLE
3	0901678-3	2	ELBOW
4	0925238-8	2	FITTING, hose
5	1012518-5	2	HOSE, heater
6	0921911-4	4	CLAMP, hose
7	0930871-9	2	WRAP, tie
8	2020415-2	1	VALVE, shut-off, 90°
9	0923519-3	2	BUSHING
10	1014621-5	1	WIRE, fuse to switch
11	1014622-3	1	WIRE, switch to heater
12	1012519-3	1	SWITCH & KNOB
13	1016936-5	1	DECAL, heater switch
14	1007838-4	1	FUSE, 15 amp (Obtain locally)
15	0928900-0	1	ELBOW

HEATER ASY.





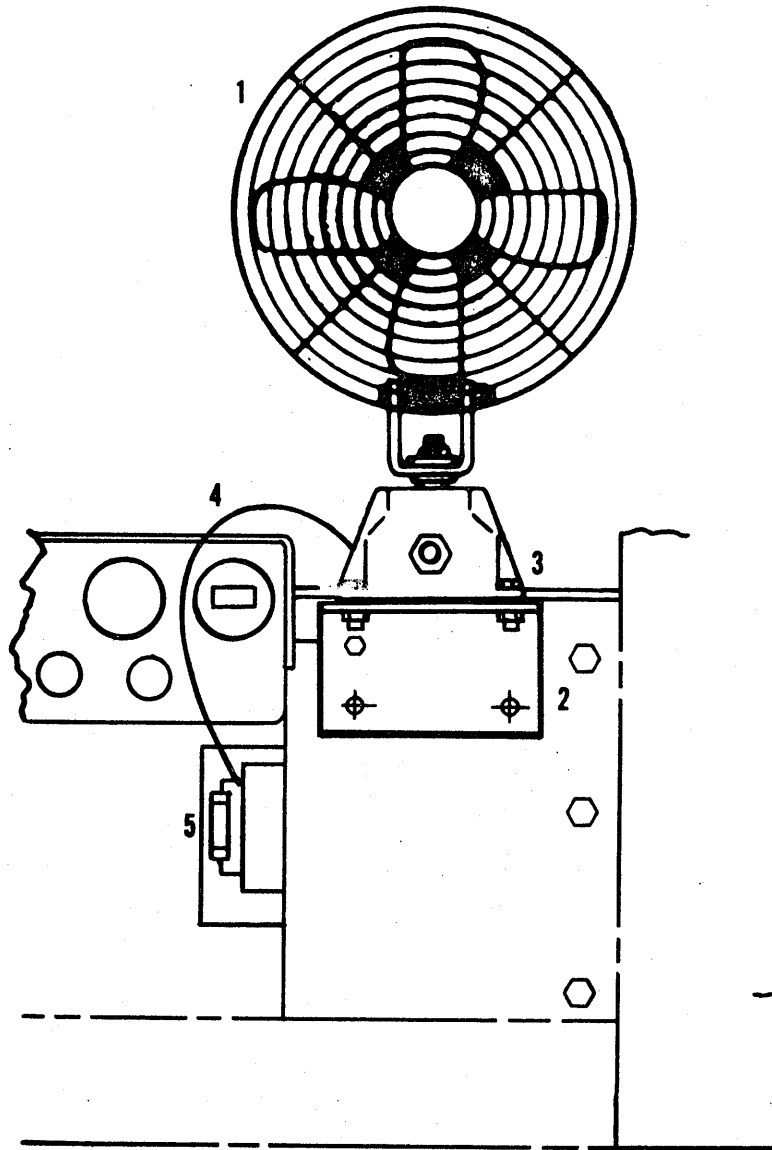
710C, 714C, 715C TRACTORS  
CAB

235

HEATER ASY.

ITEM	NUMBER	QTY.	DESCRIPTION
-	1012517-7	1	HEATER ASY.
1	1012678-7	1	SHELL
2	1012679-5	1	COVER
3	1012680-3	1	CORE
4	1012681-1	1	GASKET
5	1012682-9	1	MOTOR
6	1012683-7	1	FAN
7	1012684-5	2	NIPPLE

DEFROSTER FAN



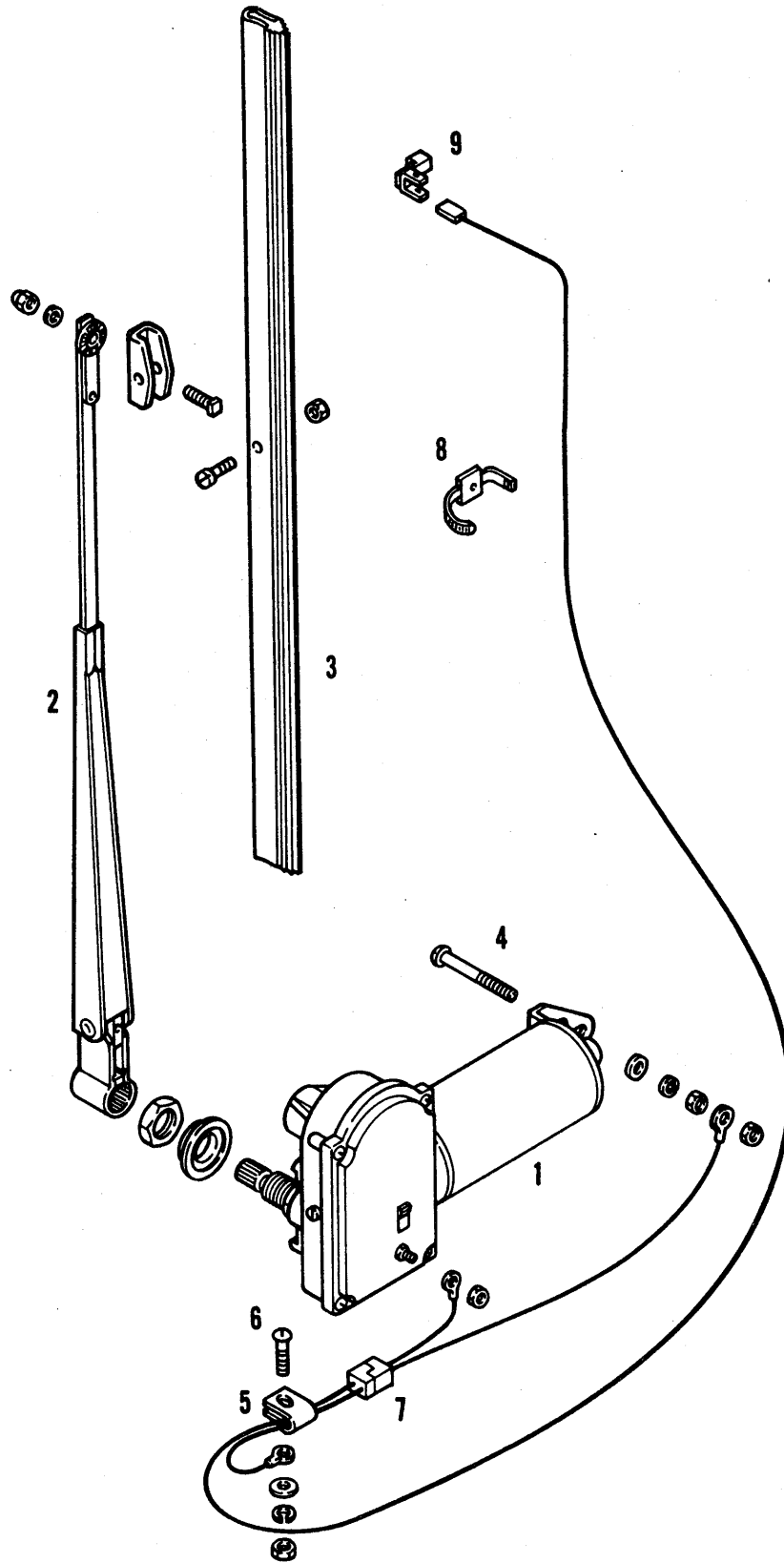
710C, 714C, 715C TRACTORS  
CAB

237

DEFROSTER FAN

ITEM	NUMBER	QTY.	DESCRIPTION
1	1005724-8	1	FAN, 12 volt
2	1012956-7	1	BRACKET, fan
3	0917388-1	6	SCREW, No. 10NC x3/4
	0917365-9	6	LOCKWASHER, No. 10
	0916621-6	6	NUT, No. 10NC
4	1012959-1	1	WIRE, fuse to fan switch
5	1007839-2	1	FUSE, 10 amp

REAR WINDOW WIPER



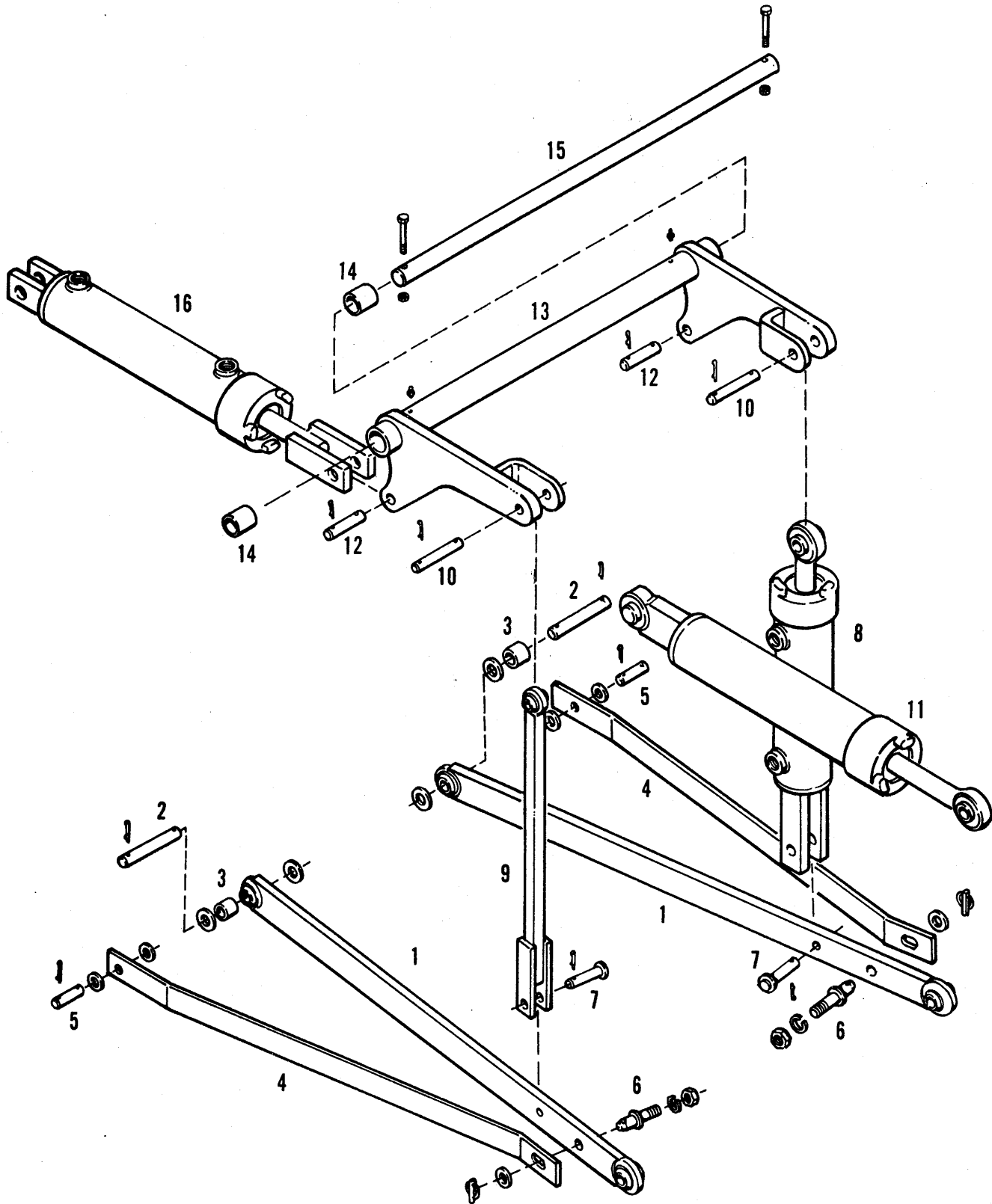
710C, 714C, 715C TRACTORS  
CAB

239

REAR WINDOW WIPER

ITEM	NUMBER	QTY.	DESCRIPTION
1	1010321-6	1	MOTOR, wiper, 65° (non-adjustable)
2	1002887-6	1	ARM, wiper, 16"
3	1002888-4	1	BLADE, 16"
4	0918612-3	1	SCREW, No. 10NC x 1-1/2
	0923212-5	1	WASHER, flat, No. 10
	0917365-9	1	LOCKWASHER, No. 10
	0916621-6	2	NUT, No. 10NC
5	0929722-7	1	CLAMP, insulated
6	0917388-1	1	SCREW, No. 10NC x 3/4
	0923212-5	1	WASHER, flat, No. 10
	0917365-9	1	LOCKWASHER, No. 10
	0916621-6	1	NUT, No. 10NC
7	1019036-1	1	WIRE ASY.
8	1013338-7	3	CLAMP, adjustable
9	0230170-3	1	CONNECTOR, dual

3-POINT HITCH  
710C LOADER



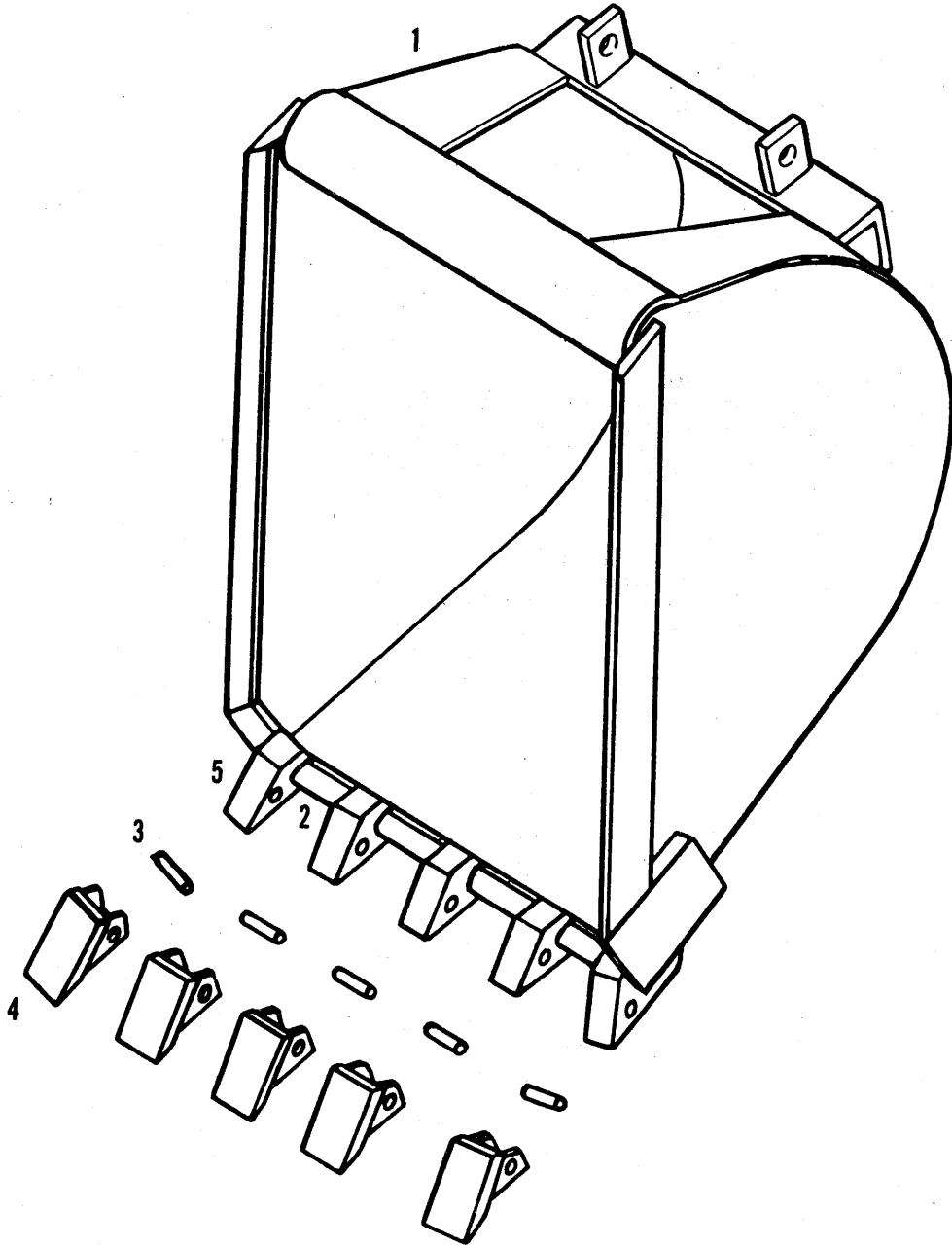
710C, 714C, 715C TRACTORS  
HITCH

241

3-POINT HITCH  
710C LOADER

ITEM	NUMBER	QTY.	DESCRIPTION
1	1022332-9	2	ARM ASY., lift
2	1018576-7	2	PIN, arm mounting
	0924707-3	8	WASHER, flat 1"
	0925719-7	4	PIN, cotter
3	1023329-4	2	SPACER
4	1023235-3	2	BAR, sway
5	1023330-2	2	PIN, sway bar
	0922658-0	4	WASHER, flat
	0925719-7	4	PIN, cotter
6	1018788-8	2	PIN, stabilizer
	0919426-7	2	LOCKWASHER
	0920747-3	2	NUT
	0922658-0	2	WASHER, flat
	0244066-7	2	PIN
7	1019563-4	2	PIN ASY., tilt cylinder
	0922002-1	2	PIN, cotter
8	1023193-4	1	CYLINDER ASY., tilt (Refer to TILT CYLINDER ASY. for component parts)
9	1023243-7	1	LINK, fixed
10	1018782-1	2	PIN
	0925719-7	4	PIN, cotter
11	1023192-6	1	CYLINDER ASY., pitch (Refer to PITCH CYLINDER ASY. for component parts)
12	1018583-3	2	PIN
	0925719-7	4	PIN, cotter
13	1023251-0	1	SHAFT ASY., rocker (Incl. Item 14)
14	2018402-4	2	BUSHING
15	1023249-4	1	SHAFT, pivot
	0923320-6	1	CAPSCREW, 1/2NC x3
	0923352-9	1	LOCKNUT, 1/2NC
16	1019525-3	1	CYLINDER ASY., lift (Refer to LIFT CYLINDER ASY. for component parts)

BUCKETS  
BACKHOE





710C, 714C, 715C TRACTORS  
ATTACHMENTS

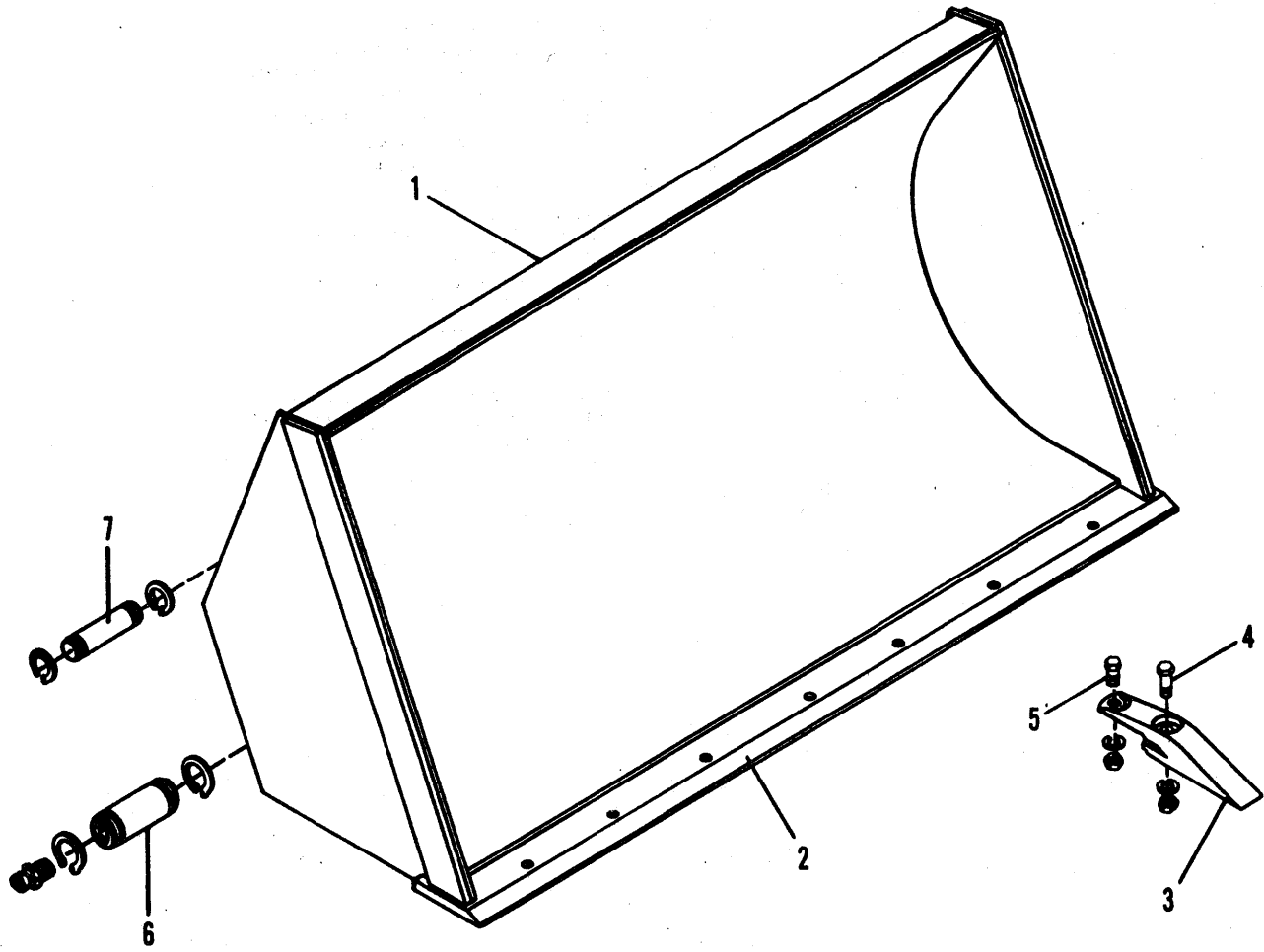
243

BUCKETS  
BACKHOE

ITEM	NUMBER	QTY.							DESCRIPTION		
1	----	*	0	0	0	0	0	0	BUCKET ASY. (12") (See NOTE)		
	----	0	*	0	0	0	0	0	BUCKET ASY. (18") (See NOTE)		
	----	0	0	0	0	0	0	*	0	BUCKET ASY. (18") (heavy duty) (See NOTE)	
	----	0	0	*	0	0	0	0	0	BUCKET ASY. (24") (SEE NOTE)	
	----	0	0	0	0	0	0	0	*	0	BUCKET ASY. (24") (heavy duty) (See NOTE)
	----	0	0	0	*	0	0	0	0	0	BUCKET ASY. (30") (See NOTE)
	----	0	0	0	0	*	0	0	0	0	BUCKET ASY. (36") (See NOTE)
2	1043400-9	*	0	0	0	0	0	0	0	CUTTING EDGE (12")	
	1043401-7	0	1	0	0	0	0	0	0	CUTTING EDGE (18")	
	1023610-7	0	0	0	0	0	0	1	0	CUTTING EDGE (18") (heavy duty)	
	1043402-5	0	0	1	0	0	0	0	0	CUTTING EDGE (24")	
	1023611-5	0	0	0	0	0	0	0	1	CUTTING EDGE (24") (heavy duty)	
	1043403-3	0	0	0	1	0	0	0	0	CUTTING EDGE (30")	
1043404-1	0	0	0	0	0	1	0	0	CUTTING EDGE (36")		
3	2017635-0	3	4	4	5	6	4	5	5	PIN, flexible	
4	2017636-8	3	4	4	5	6	4	5	5	TOOTH	
5	2017634-3	3	4	4	5	6	4	5	5	SHANK, std. duty (5/8" cutting edge)	
6	1009357-3	0	0	0	0	0	4	5	5	SHANK, heavy duty (1" cutting edge) (Not illustrated)	

NOTE: Incl. Items 2 thru 5. Refer to MACHINERY.

BUCKETS  
LOADER



710C, 714C, 715C TRACTORS  
ATTACHMENTS

BUCKETS  
LOADER

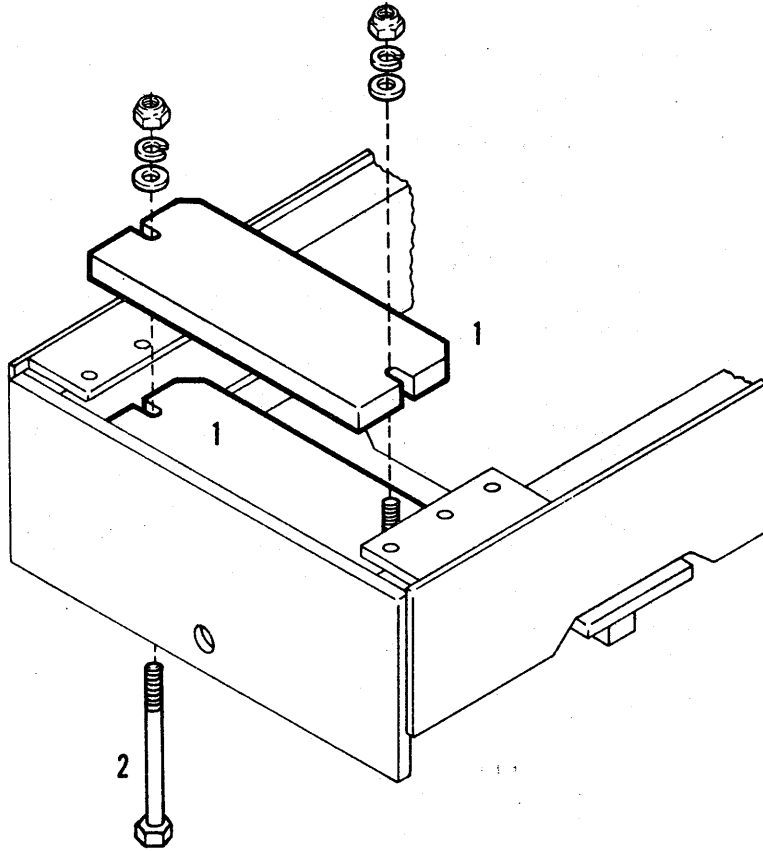
ITEM	NUMBER	QTY.	QTY.	QTY.	DESCRIPTION
		*	**	***	
1	-----	1	0	0	BUCKET ASY., 7/8 cu. yd. (Incl. Item 2) (Refer to MACHINERY)
	-----	0	1	0	BUCKET ASY., 1 cu. yd. (Incl. Item 2) (Refer to MACHINERY)
	-----	0	0	1	BUCKET ASY., 1-1/4 cu. yd. (Incl. Item 2) (Refer to MACHINERY)
2	1008672-8	1	1	1	EDGE, cutting
	-----	1	1	1	EDGE, cutting (F/ bolt-on) (Refer to MACHINERY)
	0921176-4	7	7	7	CAPSCREW, 1/2NC x 1-1/4 (For bolt-on)
	0916951-7	7	7	7	NUT, 1/2NC (For bolt-on)
3	-----	7	7	0	TOOTH GROUP (Incl. Items 3, 4 & 5)
3	2015516-4	7	7	0	TOOTH
4	0913105-3	7	7	0	CAPSCREW, 1/2NF x 1-1/2
	0923291-9	7	7	0	WASHER, spring, pltd., 1/2
	0919423-4	7	7	0	NUT, lock, 1/2NF
5	0924681-0	7	7	0	CAPSCREW, pltd., 1/2NF x 2-1/2
	0923291-9	7	7	0	WASHER, spring, pltd., 1/2
	0919423-4	7	7	0	NUT, lock, 1/2NF
6	1008874-8	2	2	2	PIN, bucket pivot
	0922887-5	2	2	2	FITTING, lube
	2019582-2	4	4	4	RING, snap
7	1008875-5	2	2	2	PIN, bucket tilt
	0928179-1	4	4	4	RING, snap

\*7/8 Cu. Yd. Bucket

\*\*1 Cu. Yd. Bucket

\*\*\*1-1/4 Cu. Yd. Bucket

COUNTERWEIGHT INSTALLATION  
FRONT - FOR EXTENDABLE DIPPERSTICK



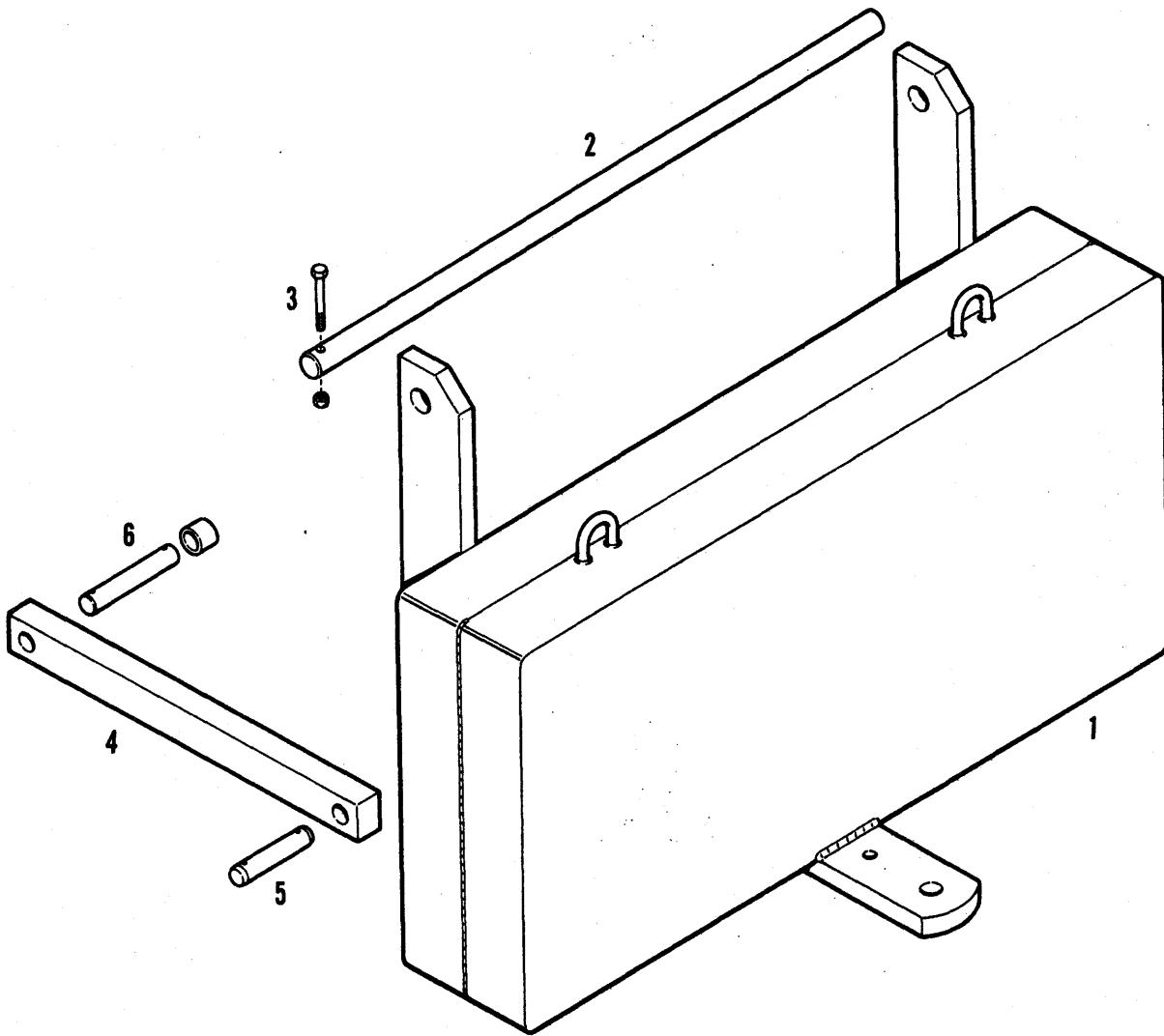
710C, 714C, 715C TRACTORS  
ATTACHMENTS

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COUNTERWEIGHT INSTALLATION  
FRONT - FOR EXTENDABLE DIPPERSTICK

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023846-7	6	WEIGHT, front
2	0927181-8	2	CAPSCREW, 5/8NC x7
	0918432-6	2	WASHER, flat, 5/8
	0917373-3	2	LOCKWASHER, 5/8
	0915726-4	2	NUT, lock, 5/8NC

REAR COUNTERWEIGHT  
710C LOADER



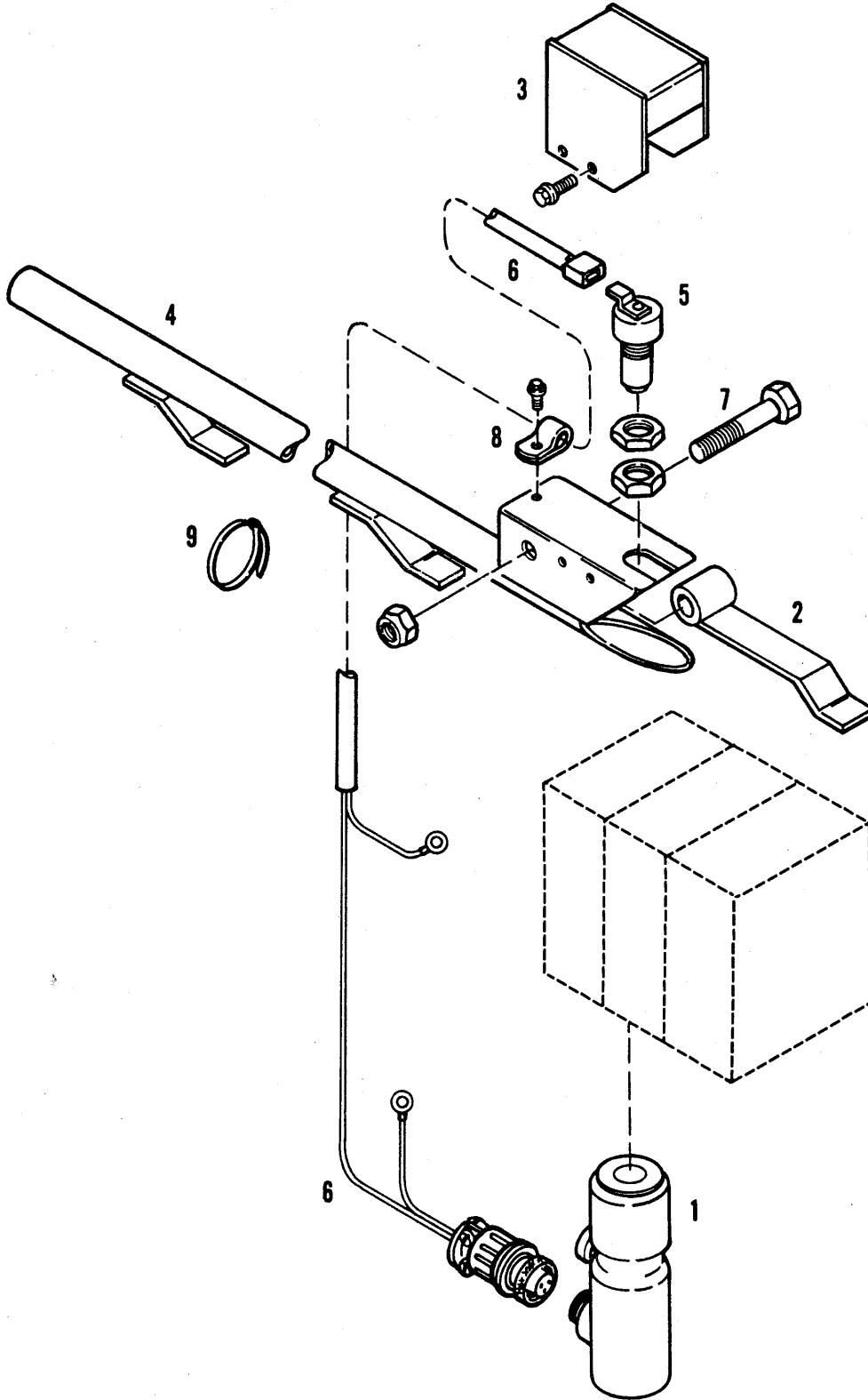
710C, 714C, 715C TRACTORS  
ATTACHMENTS

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REAR COUNTERWEIGHT  
710C LOADER

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023321-1	1	WEIGHT ASY.
2	1023249-4	1	SHAFT, pivot
3	0923320-6	1	CAPSCREW, 1/2NC x3
	0923352-9	1	LOCKWASHER, 1/2NC
4	1023322-9	2	BAR
5	1018561-9	2	PIN, 7/8 x 4-1/8
	0925719-7	4	PIN, cotter
	0922658-0	4	WASHER, flat, 7/8
6	1018576-7	2	PIN, 1 x 5-3/8
	1023329-4	2	SPACER
	0924707-3	8	WASHER, flat 1
	0925719-7	4	PIN, cotter

RETURN TO DIG





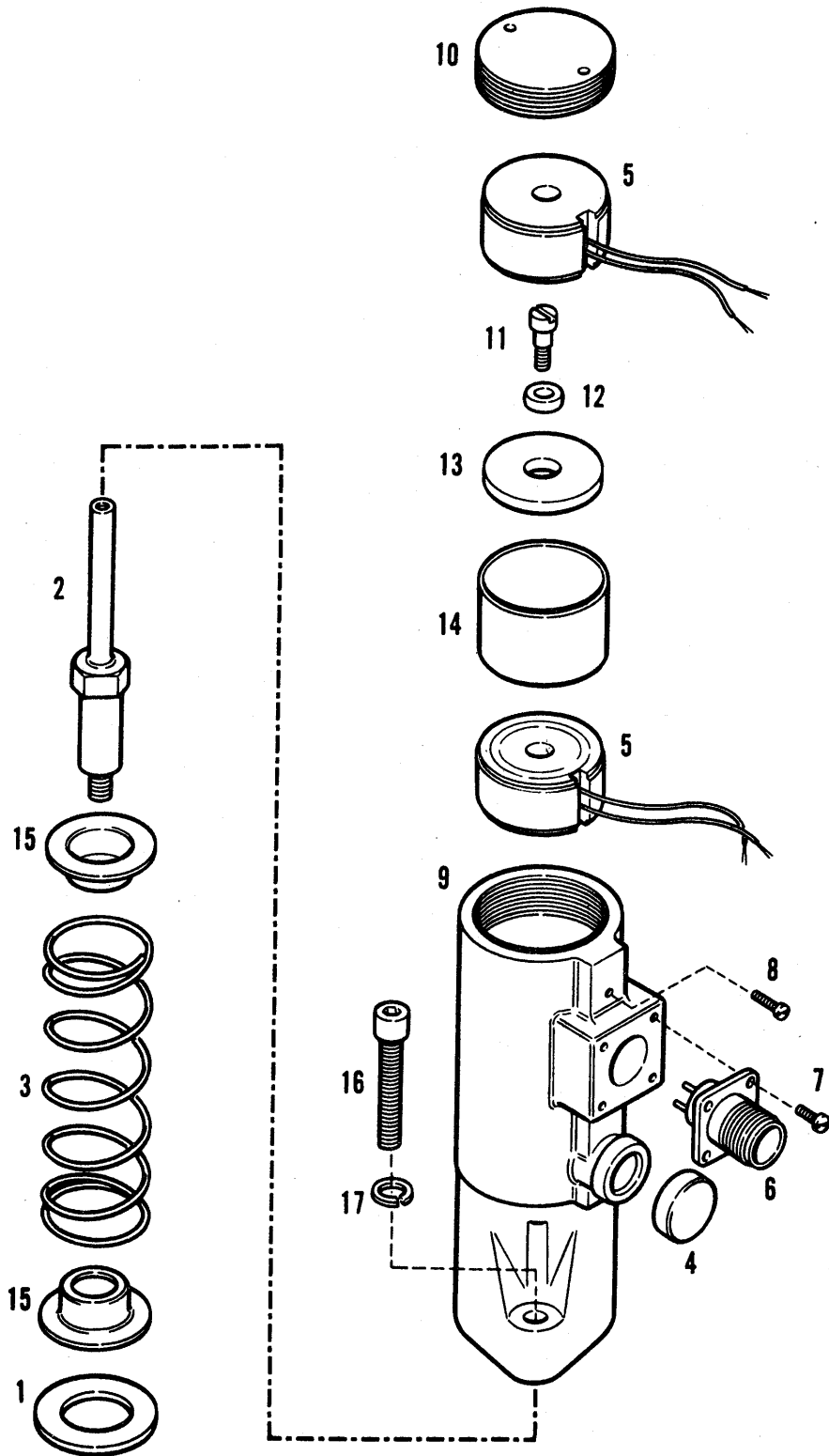
710C, 714C, 715C TRACTORS  
ATTACHMENTS

251

RETURN TO DIG

ITEM	NUMBER	QTY.	DESCRIPTION
1	1016909-2	1	SPOOL, release positioner (Refer to RELEASE SPOOL ASY. for component parts)
2	1018332-5	1	LEVER ASY., bucket indicator
3	1018349-9	1	COVER ASY., switch
	0925003-6	4	SCREW, taptite, 1/4NC x 1/2
4	1018363-0	1	TUBE ASY., indicator
5	1017922-4	1	SWITCH
6	1018361-4	1	HARNESS, wiring
7	0923701-7	1	CAPSCREW, 3/8NC x 2
	0927537-1	1	NUT, lock, 3/8NC
8	0926919-2	1	CLAMP, harness
	0925003-6	1	SCREW, taptite, 1/4NC x 1/2
9	0930871-9	4	WRAP, tie

SPOOL RELEASE POSITIONER  
ELECTRO-MAGNETIC



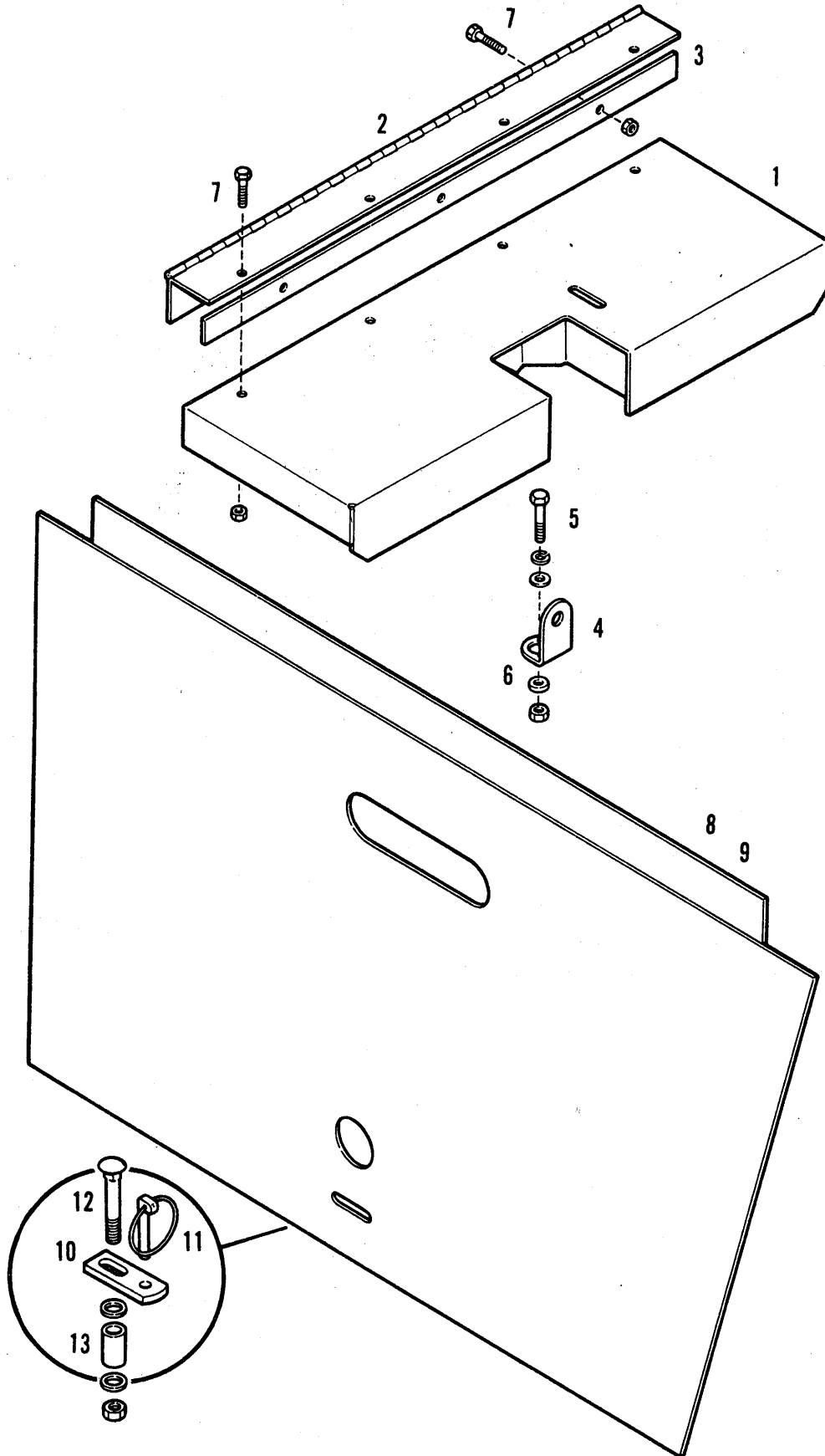
710C, 714C, 715C TRACTORS  
ATTACHMENTS

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SPOOL RELEASE POSITIONER  
ELECTRO-MAGNETIC

ITEM	NUMBER	QTY.	DESCRIPTION
-	1016909-2	1	POSITIONER, spool release
1	-----	1	RETAINER, spool seal
2	-----	1	STUD, positioner
3	-----	1	SPRING
4	-----	1	CAP, seal
5	-----	2	MAGNET, electro
6	1018372-1	1	CONNECTOR, electrical
7	-----	4	SCREW
8	-----	1	SCREW
9	-----	1	BONNET
10	1018373-9	1	PLUG, bonnet
11	-----	1	SCREW, 3/16 x 5/32
12	-----	1	WASHER
13	-----	1	ARMATURE
14	-----	1	SPACER
15	-----	2	COLLAR, spring
16	-----	2	SCREW, housing, 1/4 x 1-1/4
17	-----	2	LOCKWASHER, 1/4
-	1018364-8	1	SERVICE KIT (Incl. Items 2, 5, 11, 12 & 13)

VANDALISM PROTECTION



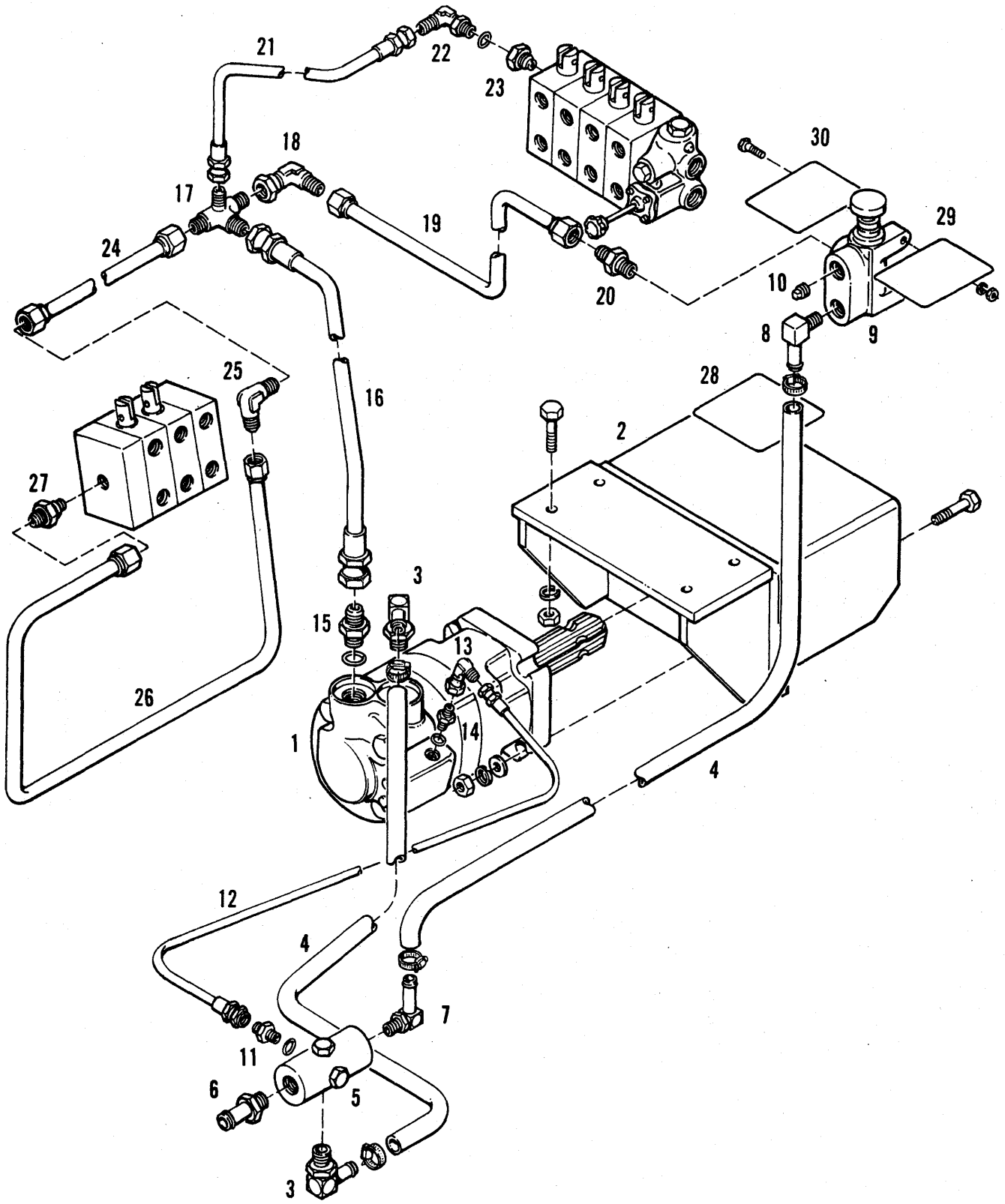
710C, 714C, 715C TRACTORS  
ATTACHMENTS

255

VANDALISM PROTECTION

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023242-9	1	COVER ASY., instrument panel
2	1023226-2	1	HINGE, cover
3	1016805-2	1	SPACER, hinge
4	1003417-1	5	HASP
5	0920415-7	1	CAPSCREW, pltd., 3/8NC x 1-1/4
	0918266-8	3	WASHER, flat, pltd., 3/8
	0916965-7	1	LOCKWASHER, pltd., 3/8
	0916950-9	1	NUT, pltd., 3/8NC
6	1009950-5	5	SPACER, hasp
7	0921960-1	7	CAPSCREW, pltd., 1/4NC x 1
	0920397-7	7	LOCKNUT, pltd., 1/4NC
8	1022840-1	1	PANEL, R.H.
9	1022839-3	1	PANEL, L.H.
10	1018985-0	2	BAR, lock
11	0239854-3	2	PIN, quick
12	0921935-3	2	BOLT, cge., 3/8NC x 2-1/2
	0916965-7	2	LOCKWASHER, 3/8
	0916950-9	2	NUT, 3/8NC
13	1018984-3	2	SPACER
	0918266-8	-	WASHER (Use as req'd)

POWER TAKE-OFF  
710C LOADER W/ 3-POINT HITCH



710C, 714C, 715C TRACTORS  
ATTACHMENTS

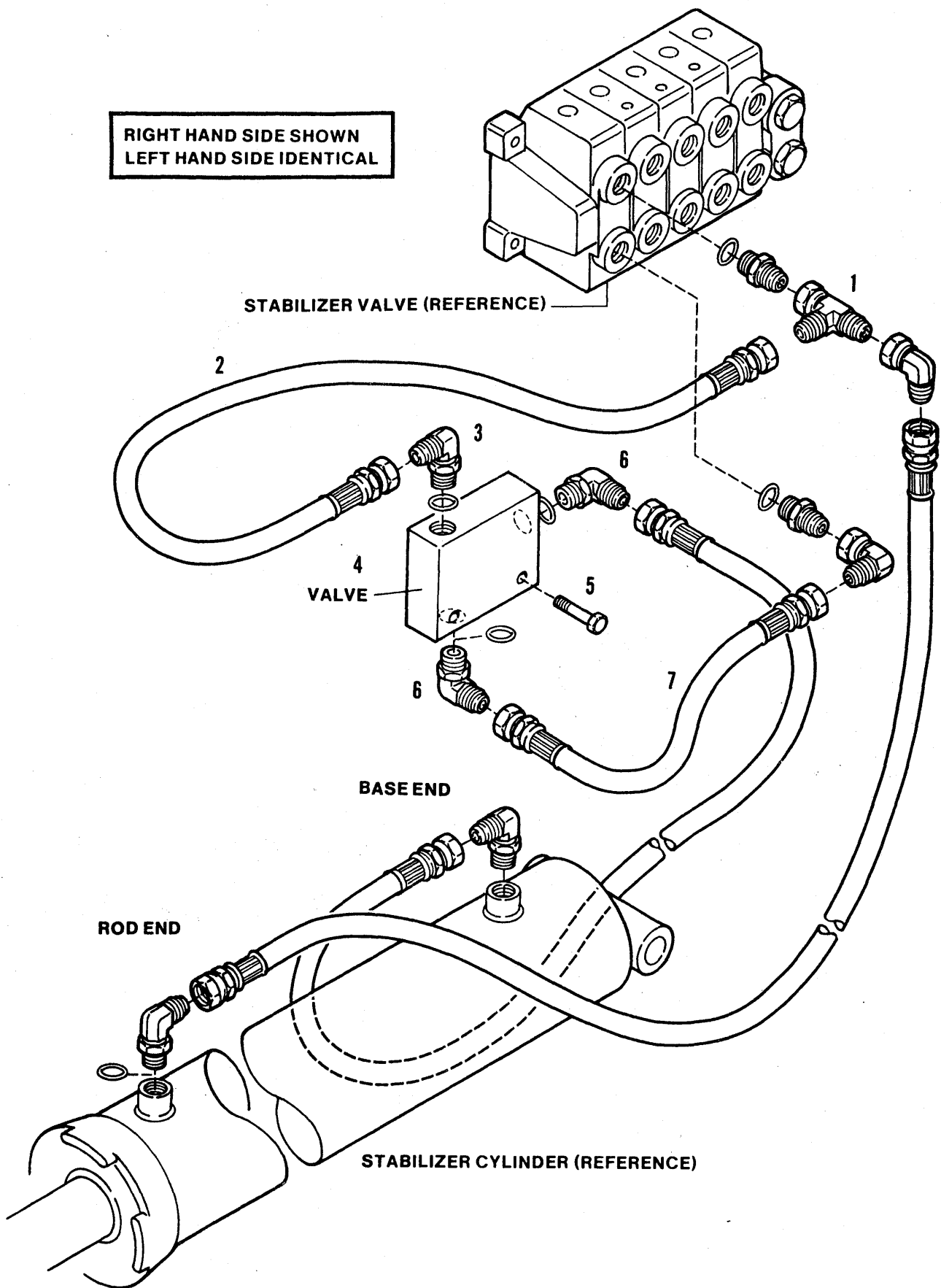
257

POWER TAKE-OFF  
710C LOADER W/ 3-POINT HITCH

ITEM	NUMBER	QTY.	DESCRIPTION
1	1019546-9	1	MOTOR ASY., hydraulic
	0921024-6	4	CAPSCREW, 1/2NC x 2
	0916966-5	4	LOCKWASHER, 1/2
	0917379-0	4	WASHER, flat
	0916951-7	4	NUT, 1/2NC
2	1022331-1	1	BRACKET ASY., mounting
	0921024-6	4	CAPSCREW, 1/2NC x 2
	0916966-5	4	LOCKWASHER, 1/2
	0916951-7	4	NUT, 1/2NC
3	0929259-0	2	ELBOW, motor to manifold
4	1016898-7	2	HOSE
	0921912-2	4	CLAMP
5	1022402-0	1	MANIFOLD
6	0926870-7	1	NIPPLE, hose
7	0930978-2	1	ELBOW, manifold
8	0925064-8	1	ELBOE, valve
9	2016210-3	1	VALVE, dump
	2016723-5	1	SEAL KIT
	2016725-0	1	KNOB KIT
	0921333-1	2	CAPSCREW, 5/16NC x 1
	0917356-8	2	LOCKWASHER, 5/16
	0917372-5	2	NUT, 5/16NC
10	0901655-1	1	PLUG, valve
11	0926292-4	1	CONNECTOR, (Incl. O-RING)
	0921885-0	1	O-RING
12	1012504-5	1	HOSE ASY., motor drain
13	0924044-1	1	ELBOW, 90° swivel
14	0923163-0	1	CONNECTOR (Incl. O-RING)
	0921883-5	1	O-RING
15	0921217-6	1	CONNECTOR (Incl. O-RING)
	0921206-9	1	O-RING
16	1016922-5	1	HOSE ASY.
17	1023665-1	1	FITTING, tee
18	0919625-4	1	ELBOW, tee
19	1023181-9	1	TUBE ASY., tee to bypass
20	0919246-9	1	CONNECTOR
21	1016921-7	1	HOSE ASY., valve power beyond to tee
22	0921402-4	1	ELBOW, 90° (Incl. O-RING)
	0921349-7	1	O-RING
23	1019560-0	1	SLEEVE, power beyond
24	1023182-7	1	TUBE ASY., loader valve to tee
25	0921991-6	1	ELBOW, union
26	1016930-8	1	TUBE ASY., valve to elbow union
27	1015355-9	1	SLEEVE, power beyond
	1015356-7	1	SEAL KIT
28	1019556-8	1	DECAL, danger
29	1019555-0	1	DECAL, P.T.O. Inst.
30	1019924-8	1	DECAL, 540 RPM P.T.O.

STABILIZER LOCK VALVES

RIGHT HAND SIDE SHOWN  
LEFT HAND SIDE IDENTICAL





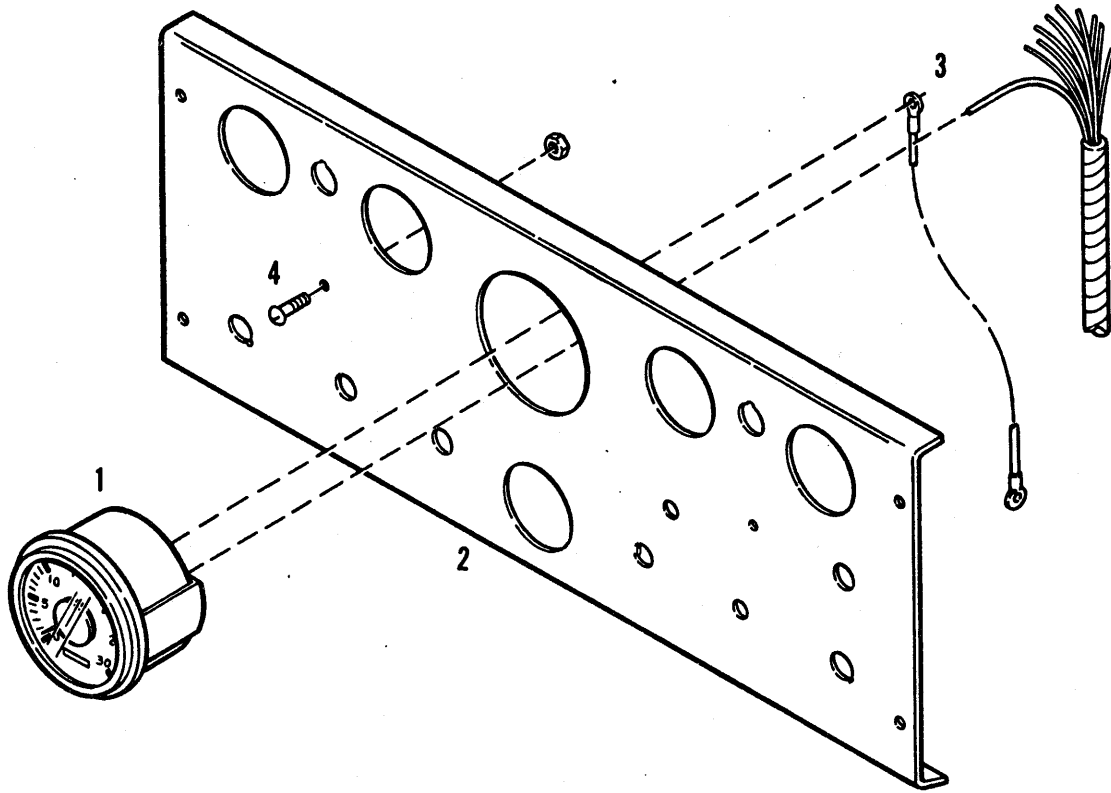
710C, 714C, 715C TRACTORS  
ATTACHMENTS

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STABILIZER LOCK VALVES

ITEM	NUMBER	QTY.	DESCRIPTION
1	0921298-6	2	TEE, swivel run
2	1018805-0	2	HOSE ASY., inlet
3	0922523-6	2	ELBOW, adj., valve pilot (Incl. O-RING)
	0921885-0	2	O-RING
4	1021512-7	2	VALVE, pilot - single setting
5	0921978-3	4	CAPSCREW, 5/16NC x2
	0917356-8	4	LOCKWASHER, 5/16
	0917372-5	4	NUT, 5/16NC
6	0921402-4	4	ELBOW, adj., valve (Incl. O-RING)
	0921349-7	4	O-RING
7	1016921-7	2	HOSE ASY., B-Port to Check Valve

TACHOMETER



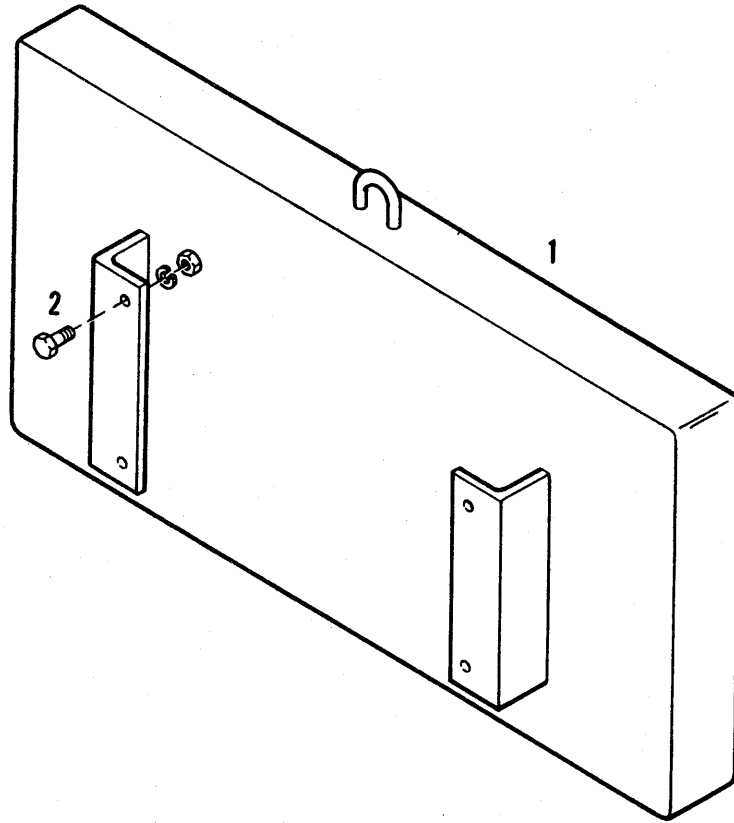
710C, 714C, 715C TRACTORS  
ATTACHMENTS

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TACHOMETER

ITEM	NUMBER	QTY.	DESCRIPTION
1	1019542-8	1	TACHOMETER
2	1023126-4	1	PANEL, instrument (Replaces 1023125 Instrument Panel)
3	1019557-6	1	WIRE, ground
4	0916532-5	2	SCREW, 1/4NC x 3/4
	0916622-4	2	NUT, 1/4NC

COUNTERWEIGHT  
FRONT



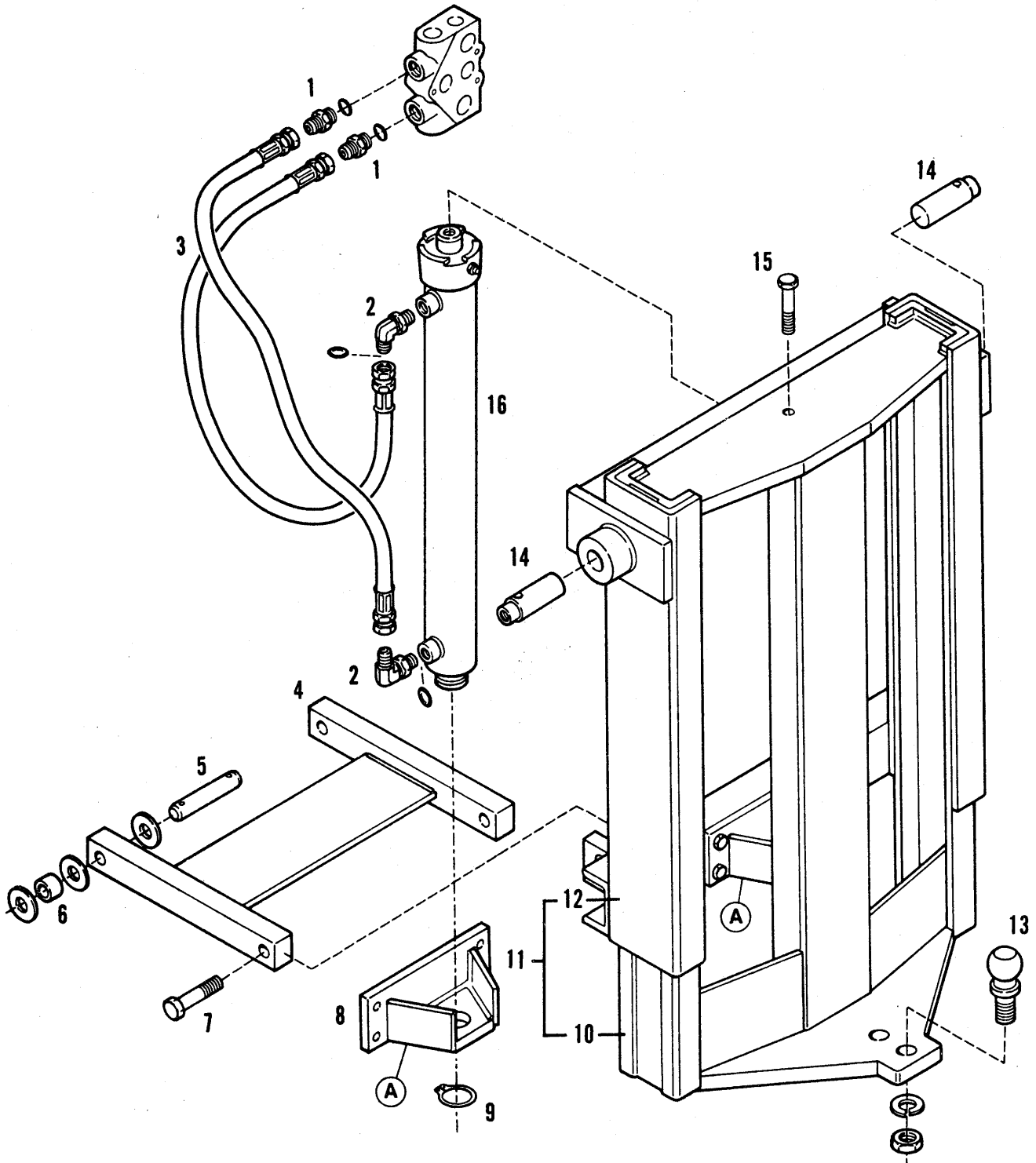
710C, 714C, 715C TRACTORS  
ATTACHMENTS

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COUNTERWEIGHT  
FRONT

ITEM	NUMBER	QTY.	DESCRIPTION
1	1023773-3	1	COUNTERWEIGHT
2	0916332-0	4	CAPSCREW, 3/4NC x 2-1/2
	0919332-7	4	LOCKWASHER, 3/4
	0910175-9	4	NUT, 3/4NC

MAST - DRAWBAR LIFT  
710C LOADER



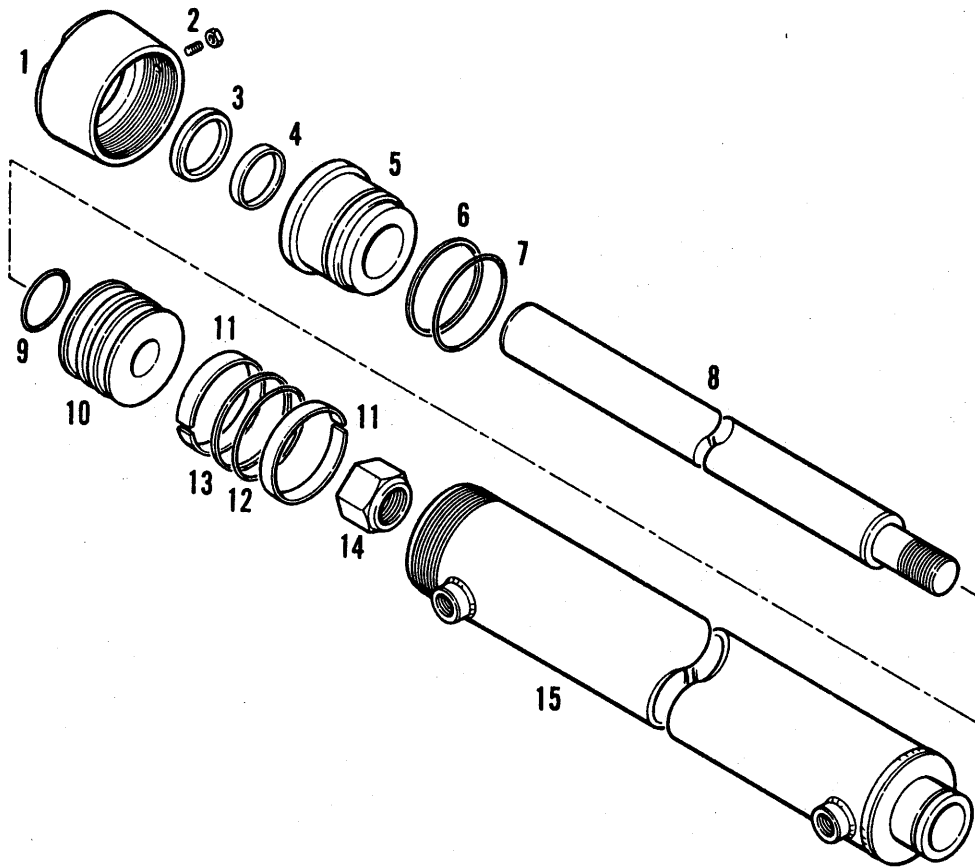
710C, 714C, 715C TRACTORS  
ATTACHMENTS

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MAST - DRAWBAR LIFT  
710C LOADER

ITEM	NUMBER	QTY.	DESCRIPTION
1	0923717-3	2	CONNECTOR, st. (Incl. O-RING)
	0921205-1	2	O-RING
2	0921402-4	2	ELBOW, 90° (Incl. O-RING)
	0921349-7	2	O-RING
3	1017340-9	2	HOSE ASY.
4	1023759-2	1	LINK ASY., lower
5	1018576-7	2	PIN, lower mounting
	0924707-3	6	WASHER, flat 1"
	0925719-7	4	PIN, cotter, 1/8 x 1-1/2
6	1023329-4	2	SPACER
7	0917854-2	2	CAPSCREW, 1"NC x 4
	0910916-6	2	LOCKWASHER, 1"
	0922659-8	2	NUT, 1"NC
8	1023713-9	1	BRACKET, cylinder mount
	0923151-5	4	CAPSCREW, 5/8NC x 1-1/4
	0917373-3	4	LOCKWASHER, 5/8
9	0927751-8	1	RING, retaining
10	1023701-4	1	RAIL, inner
11	1023731-1	1	MAST ASY.
12	1023708-9	1	RAIL, outer
13	1023732-9	1	BALL, trailer hitch
14	1023758-4	2	PIN, upper mounting
	0923320-6	2	CAPSCREW, 1/2NC x 3
	0923352-9	2	NUT, lock, 1/2NC
15	0925149-7	1	CAPSCREW, 3/4NC x 2-1/2
	0919332-7	1	LOCKWASHER, 3/4
16	1023717-0	1	CYLINDER ASY., lift (Refer to LIFT CYL. ASY. for Component Parts)
-	2020712-2	*	PLATE, wear (Use as req'd)
-	1043987-5	*	PLATE, wear (Use as req'd)
-	1019929-7	*	PLATE, wear (Use as req'd)

CYLINDER ASY.  
DRAWBAR LIFT - 710C LOADER





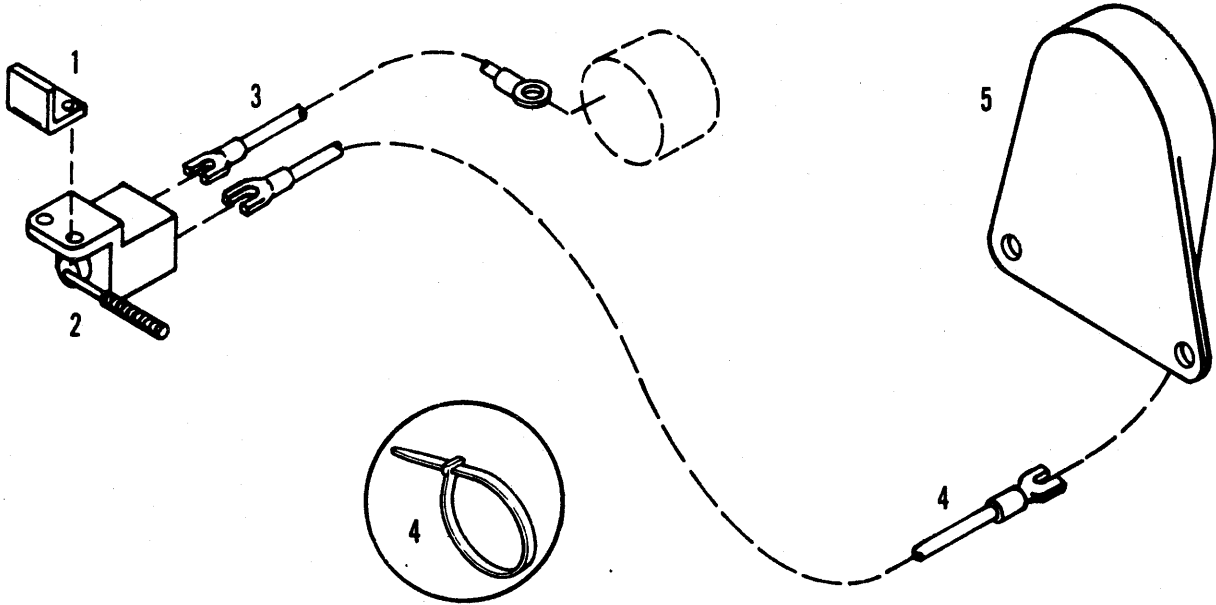
710C, 714C, 715C TRACTORS  
ATTACHMENTS

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CYLINDER ASY.  
DRAWBAR LIFT - 710C LOADER

ITEM	NUMBER	QTY.	DESCRIPTION
-	1023717-0	1	CYLINDER ASY., lift (incl. Items 1 thru 15)
1	2015255-9	1	RING, flange
2	0907675-3	1	SETSCREW
	0911325-9	1	NUT, jam
3	2014685-8	1	WIPER, rod
4	1001083-3	1	SEAL, rod
5	1001082-5	1	HEAD, cylinder
6	0926625-5	1	WASHER, backup
7	0923582-1	1	O-RING
8	1023719-6	1	ROD, piston
9	0923577-1	1	O-RING
10	1004733-0	1	PISTON
11	2017480-1	2	RING, wear
12	0924770-1	1	O-RING
13	2017234-2	1	SEAL, piston
14	0917776-7	1	NUT, 1-1/4NF
15	1023720-4	1	TUBE ASY., cylinder

BACK-UP ALARM



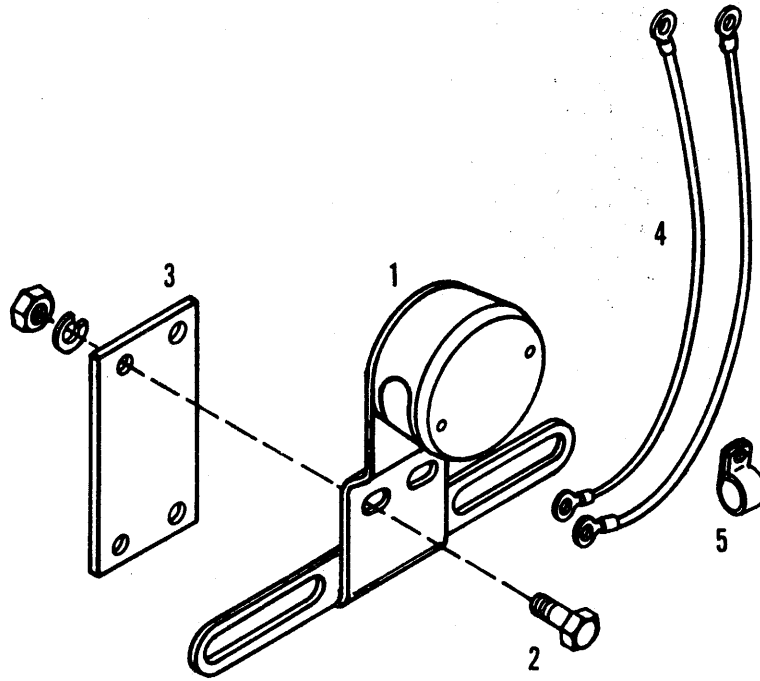
710C, 714C, 715C TRACTORS  
ATTACHMENTS

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BACK-UP ALARM

ITEM	NUMBER	QTY.	DESCRIPTION
1	1019658-2	1	BRACKET
2	1019788-7	1	SWITCH
	0917452-5	2	SCREW, No. 10NF x 1/2
	0917365-9	2	LOCKWASHER, No. 10
3	1019659-0	1	WIRE, switch to light switch (95 dBA)
	1019660-8	1	WIRE, switch to light switch (112 dBA)
4	1023459-9	1	WIRE, switch to alarm
	0925094-5	2	WRAP, tie
5	1022629-8	1	ALARM, back-up
	1022894-8	1	WIRE, ground
	1022928-4	1	TERMINAL, spade (112 dBA)
	0918264-3	2	WASHER, flat (112 dBA)
	0921960-1	2	CAPSCREW, 1/4NC x 1
	0916964-0	2	LOCKWASHER, 1/4
	0916622-4	2	NUT, 1/4NC

LICENSE PLATE



710C, 714C, 715C TRACTORS  
ATTACHMENTS

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LICENSE PLATE

ITEM	NUMBER	QTY.	DESCRIPTION
1	1019666-5	1	BRACKET, w/light
2	0921960-1	6	CAPSCREW, 1/4NC x 1
	0921880-1	6	WASHER, star, 1/4
	0916622-4	6	NUT, 1/4NC
3	1019923-0	1	PLATE, mounting
4	1013327-0	2	WIRE
5	0926919-2	2	CLAMP, wire

## RECOMMENDED DEALER STOCK

NOTE: This parts stock list indicates those items recommended to service FIVE units.

QTY.	PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION
1	0209987-7	CUP, bearing	1	4023380-1	SEAT, exh. valve
1	0226012-3	GASKET, drain plug	2	4023827-1	O-RING
2	0239854-3	PIN, quick, 1/4	2	4024561-5	SEAL, oil, front
1	0241965-3	SWITCH, ign.	2	4024562-3	SEAL, oil, rear
2	0241977-8	KEY, ignition	2	4025101-9	GASKET
2	0243473-6	BATTERY (U.S.)	2	4025103-5	THERMOSTAT, eng.
2	0244066-7	PIN, quick, 7/16	1	4025188-6	ARM
4	0247336-1	COUPLER ASY.	1	4025238-9	BEARING, cmsht.
1	0250324-1	SEAL, oil, hyd.	1	4026699-1	TAPPET
1	0250849-7	SLEEVE	12	4027979-6	ELEMENT, oil fil.
1	0251693-8	BOLT	6	4028945-6	ELEMENT, fuel fil.
1	0255018-4	COUPLER ASY., hyd.	1	4035186-8	SPRING, valve
4	0255947-4	SEAL KIT, hyd.	2	4052540-4	SEAL
2	0258627-9	PLATE	1	4053035-4	SEAL
6	0917806-2	FITTING, tube	1	4053037-0	GUIDE
1	0917807-0	FITTING, tube	1	4061587-4	BLADE
1	0919537-1	FITTING, tube	4	4061938-9	SLEEVE KIT
2	1004099-6	BUSHING	6	4062157-5	RING SET
1	1004734-8	BUSHING	1	4250616-2	CUP, bearing
1	1008020-8	BUSHING	2	4254873-5	WASHER
1	1008297-2	SEAL KIT, hyd.	1	4255983-1	SLEEVE
1	1008359-0	SEAL KIT, hyd.	1	4357289-0	BEARING ASY.
1	1008688-2	SEAL KIT, hyd.	2	4376497-6	LOCK, valve
1	1008878-9	BUSHING	1	4394407-3	ELEMENT, fuel
1	1009357-3	SHANK	4	4501149-1	SLEEVE
2	1011335-5	BELT, fan	12	4511629-0	ELEMENT, oil fil.
1	1012230-7	GASKET	1	4760149-7	UNIT, sending
1	1013425-2	END, rod	1	4818262-0	GAUGE, temp.
1	1015492-0	SEAL KIT, hyd.	1	4905789-6	GASKET
1	1017621-2	SEAL KIT, hyd.	4	4981218-3	ROLLER, bearing
1	1018161-8	RING, snap			
1	1018166-7	SEAL, oil			
1	1018167-5	SEAL, inching valve			
1	1018178-2	O-RING			
1	1018187-3	SCREEN, oil			
1	1018219-4	SPRING, clutch			
7	1018224-4	PLATE			
2	1018239-2	PLATE			
11	1018240-0	SPRING, press. plate			
1	1018263-2	SEAL, oil			
2	1022113-3	REPAIR KIT			
2	1022525-8	ELEMENT			
1	1022660-3	HOSE, radiator			
2	1022951-6	SEAL KIT, hyd.			
3	1023180-1	ELEMENT, air filter			
1	1023206-4	CABLE, control			
2	1043086-6	PIN			
2	1125804-3	BODY, pre-cleaner			
1	1300361-1	HOSE, radiator			
1	2017634-3	SHANK			
3	2017635-0	PIN			
4	2017636-8	POINT			
2	2019582-2	RING			
2	4007148-2	VALVE, exhaust			
1	4007850-3	GASKET, turbo mtg.			
2	4008103-6	SEAL, oil			
1	4009013-6	INJECTOR ASY.			
2	4020016-4	O-RING			
4	4020032-1	O-RING			
4	4020049-5	BUSHING			
2	4020090-9	GASKET			
1	4020185-7	ROD ASY.			
1	4020879-5	O-RING			
1	4021445-4	SWITCH			
2	4022595-5	GUIDE, valve			
2	4023378-5	VALVE, intake			

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