

Formula 5000
Refuse Collection Unit
PARTS MANUAL



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M R73643-1079

SOLID WASTE SYSTEMS WARRANTY

The Heil Co. warrants its Solid Waste Collection, Handling and Transfer Equipment to be free from defects in material and workmanship under normal use, service, and maintenance as described in its Service Bulletins and Operation Manuals for a period of (6) six months from the date when these products are delivered to the first purchaser.

This Warranty is expressly limited to any component or part thereof, of any such unit, manufactured by The Heil Co. that is proven to Heil's satisfaction to be so defective, shall be repaired or replaced without cost to the first purchaser for materials and labor provided such unit is returned for such repair or replacement to an authorized Solid Waste System Distributors place of business within six (6) months from the date on which the unit was delivered to such first purchaser.

The Heil Co. makes no warranty of products manufactured by others and supplied by us, the same being subject to warranties, if any, of their respective manufacturers.

Before any warranty can be allowed on any new equipment the applicable registration card MUST be on file with The Heil Co. Field Service Department.

Any service parts sold by The Heil Co. shall carry a thirty (30) day warranty for replacement only, providing the factory inspection reveals a material or workmanship defect. Labor to replace such part shall be borne by the owner.

WE MAKE NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND MAKE NO WARRANTY OR MERCHANTABILITY OF FITNESS FOR ANY PARTICULAR PURPOSE. The Heil Co. does not assume liability for loss of product, time, or any other consequential damages. Any improper use, operation beyond rated capacity, substitution of parts not approved by us, or any alteration or repair by others in such manner as in our judgement affects the product materially and adversely shall void this Warranty. NO EMPLOYEE OR REPRESENTATIVE IS AUTHORIZED TO CHANGE THIS WARRANTY IN ANY WAY OR GRANT ANY OTHER WARRANTY.

The above warranty supersedes and is in lieu of all other warranties express or implied.



THE HEIL CO.

MILWAUKEE, WISCONSIN 53201

**FORMULA 5000
REFUSE COLLECTION UNIT**

PARTS MANUAL

PRICE \$10.00

NO. R73643-1079



The information and specifications included in this publication were in effect at the time of approval for printing. The Heil Co., Milwaukee, Wisconsin reserves the right, however, to discontinue or change specifications or design at any time without notice and without incurring any obligation whatsoever.



WARNING

IF INCORRECTLY USED, THIS EQUIPMENT CAN CAUSE SEVERE INJURY. THOSE WHO USE AND MAINTAIN THE EQUIPMENT SHOULD BE TRAINED IN ITS PROPER USE, WARNED OF ITS DANGERS, AND SHOULD READ ENTIRE MANUAL BEFORE ATTEMPTING TO SET UP, OPERATE, ADJUST OR SERVICE THE EQUIPMENT. KEEP THIS MANUAL FOR FUTURE REFERENCE.

IMPORTANT SAFETY NOTICE

Proper service and repair are important to the safe, reliable operation of the Heil Co.'s products. Service procedures recommended by Heil are described in this service manual and are effective for performing service operations. Some of these service operations may require the use of tools or blocking devices specially designed for the purpose. Special tools should be used when and as recommended. It is important to note that some warnings against the use of specific methods that can damage the product or render it unsafe are stated in the service manual. It is also important to understand these warnings are not exhaustive. Heil could not possibly know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Consequently, Heil has not undertaken any such broad evaluations. Accordingly, anyone who uses service procedures or tools which are not recommended by Heil must first satisfy himself thoroughly that neither his safety nor the product safety will be jeopardized by the methods he selects.



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GENERAL INFORMATION

1

INDEXES

This catalog has been developed for easy identification of replacement parts for the HEIL Formula 5000. To facilitate easy identification of parts an alphabetical index is provided at the front of the manual to locate major groups and assemblies and a numerical index is provided at the rear which gives the part numbers of all replacement parts and pages on which they appear.

UNDERSTANDING THE PARTS LISTING (IMPORTANT)

Understanding how to use the parts listing is important for proper use of this catalog. Below is a sample parts listing with four(4) columns. The first is the reference number column, the second is the part number column, the third is the description column and the fourth is the number required column.

The numbers in the "REF" column are numbers corresponding with the circled reference numbers on the parts illustration for each replacement part.

The numbers in the "PART NUMBER" column are the numbers used to order particular replacement parts. Be sure when ordering parts that the number is written correctly.

The "DESCRIPTION" column is used to describe the replacement parts. In this column will be found indented descriptions. These indented descriptions are a part of the preceding assembly or sub-assembly (see example below). In other words, the CONTAINER ASSEMBLY is the main assembly and all indented descriptions under it are the parts that comprise the assembly. Also in some cases sub-assemblies may appear under an assembly. Again the parts that comprise the sub-assembly will be indented under the sub-assembly. (See the Door Latch Assembly, item 2 in the example below).

The quantities shown in the "REQ'D" column are the numbers of parts used on a unit, except where parts are indented in the description column. In this case, the quantity shown is the number required for the preceding assembly or sub-assembly. For example check the quantities for the Door Latch Assembly (item 2 in the example below). There are a quantity of 6 per Container Assembly. Now check the quantities for the indented items under the Door Latch Assembly. These quantities are for only one(1) Door Latch, not for all six.

PLEASE read each column carefully to ensure correct parts ordering.

GENERAL INFORMATION

NOTES AND DESIGNATIONS

Illustrations and (or) parts listing may be shown with notes or designations which apply to specific models. Where an illustration and (or) parts listing is shown without notes or designations, this indicates the parts listing covers all models.

TERMS

AR = AS REQUIRED

NSS = NOT SERVICED SEPARATELY

Ref. = REFERENCE

CATALOG CHANGES

When changes to the unit make it necessary to revise portions of this catalog, revised pages will be issued with the same page number as those they replace and the issue date will be advanced.

SERIAL NUMBERS

The serial plates are located on the top half and centered on front of body and tailgate.

HOW TO ORDER PARTS

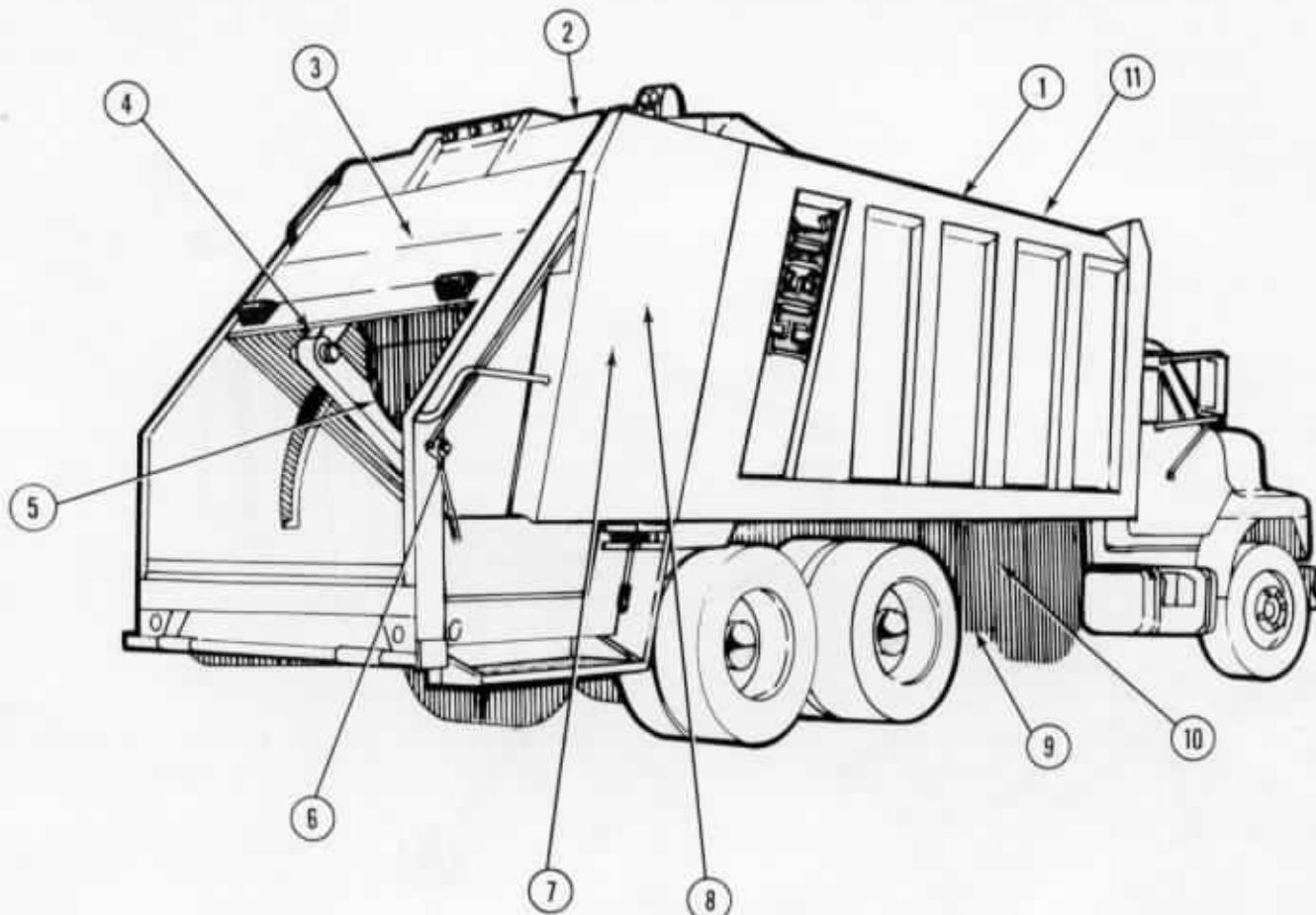
When ordering parts for a specific unit, always include the body and/or tailgate model and serial number on your order. Order parts by description, part number and the quantity desired.

Give specific instructions. We want your order to reach you as quickly and economically as possible.

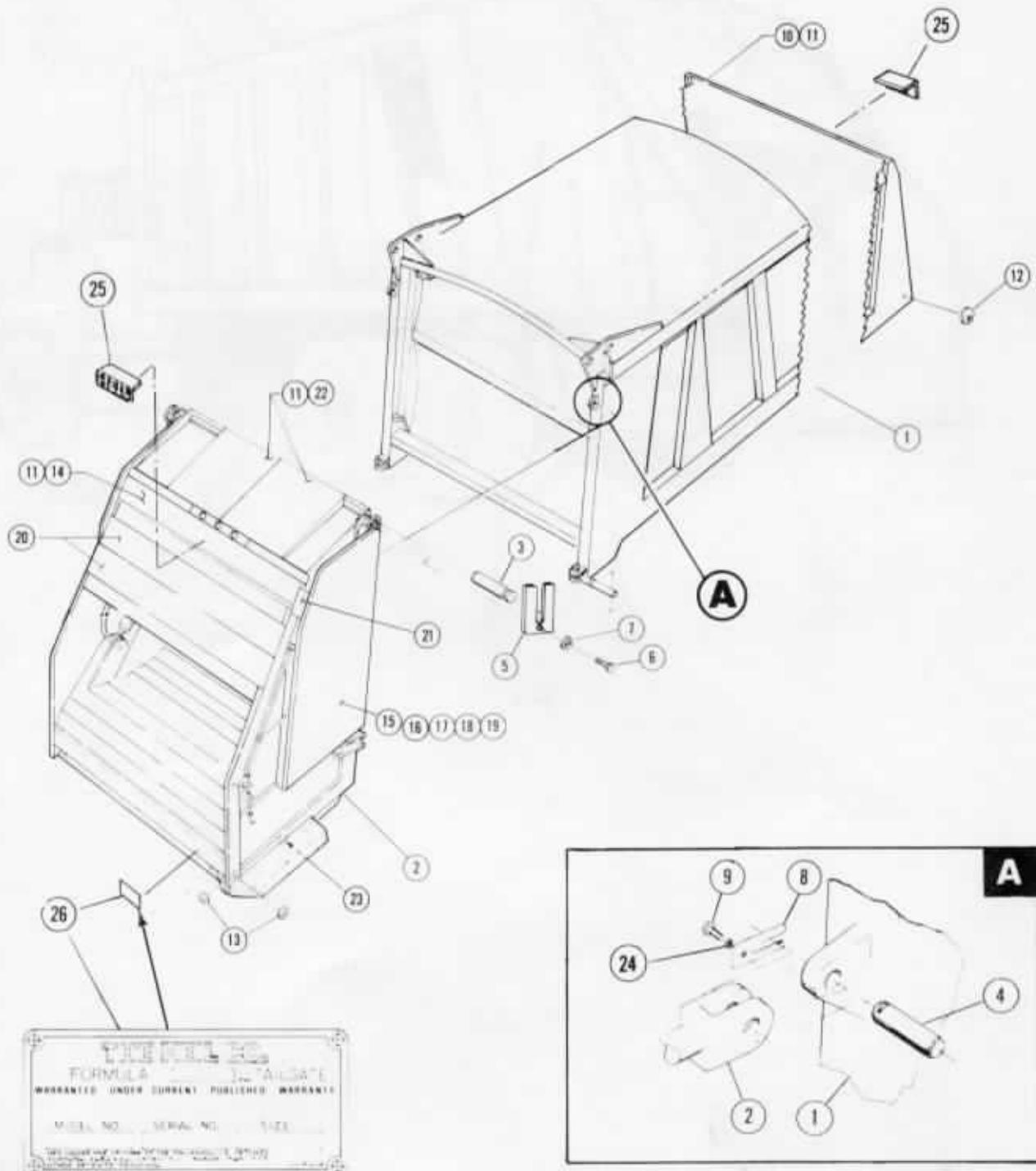
Contact your HEIL distributor for parts and service.

The HEIL Co.
Solid Waste Division
3000 W. Montana St.
Milwaukee, Wis. 53201

Cable Address - HEILCO

HEIL**NOMENCLATURE**

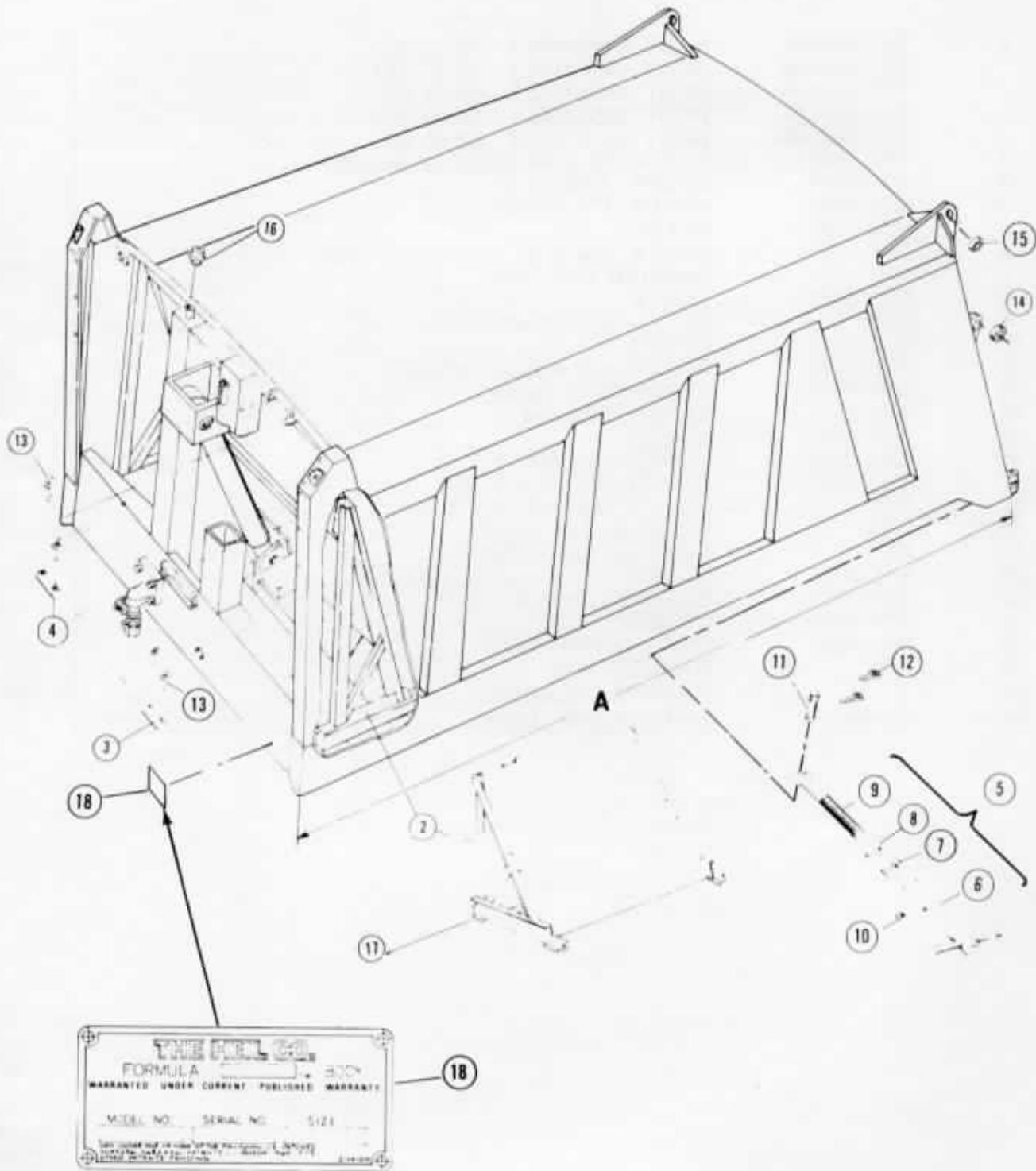
FORMULA 5000 COMPLETE



HEIL**FORMULA 5000 COMPLETE**

REF.	PART NO.	DESCRIPTION	REQ'D
1	T207-2903-01	BODY ASSEMBLY - (16 cu. yd.)	1
	T207-2903-02	BODY ASSEMBLY - (18 cu. yd.)	1
	T207-2903-03	BODY ASSEMBLY - (20 cu. yd.)	1
	T207-2903-04	BODY ASSEMBLY - (25 cu. yd.)	1
	T207-2903-05	BODY ASSEMBLY - (32 cu. yd.)	1
2	T207-2860	TAILGATE ASSEMBLY (16 thru 32)	1
3	S207-2788	SHAFT - HINGE	2
4	S207-9588	SHAFT - CYLINDER	2
5	S207-3423	PLATE	2
6	NSS	SCREW, cap. H.H. - 5/8"-18 x 1" GR 5	2
7	NSS	WASHER, lock - 5/8"	2
8	S207-3422	PLATE	2
9	NSS	BOLT - 3/8"-24 x 1" GR 5	2
10	S207-3230	COVER	1
11	47-1435-26	SCREW, self drilling-1/4" x 1"	30
12	S206-8706	REFLECTOR, amber	2
13	S206-8707	REFLECTOR, red	4
14	S207-8891	COVER	1
15	T207-2856	COVER ASSEMBLY, L.H.	1
16	T207-2857	COVER ASSEMBLY, R.H.	1
17	NSS	SCREW, cap-5/16"-18 x 3/4"	12
18	NSS	WASHER, flat - 5/16"	12
19	NSS	WASHER, lock - 5/16"	12
20	S207-3409	COVER	2
21	T207-3784	BRACKET, WELD	2
22	S207-8890	COVER	2
23	S011-5025	PLUG, closure - 1-1/4"	2
24	NSS	WASHER, lock	2
25		NAMEPLATE, (HEIL)	2
26	212-1209	NAMEPLATE, (HEIL)	1

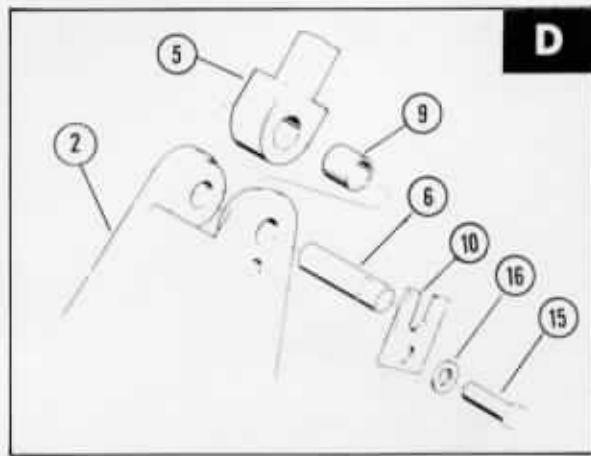
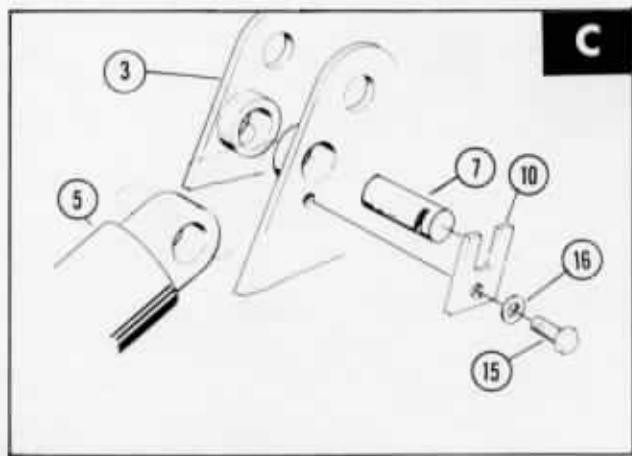
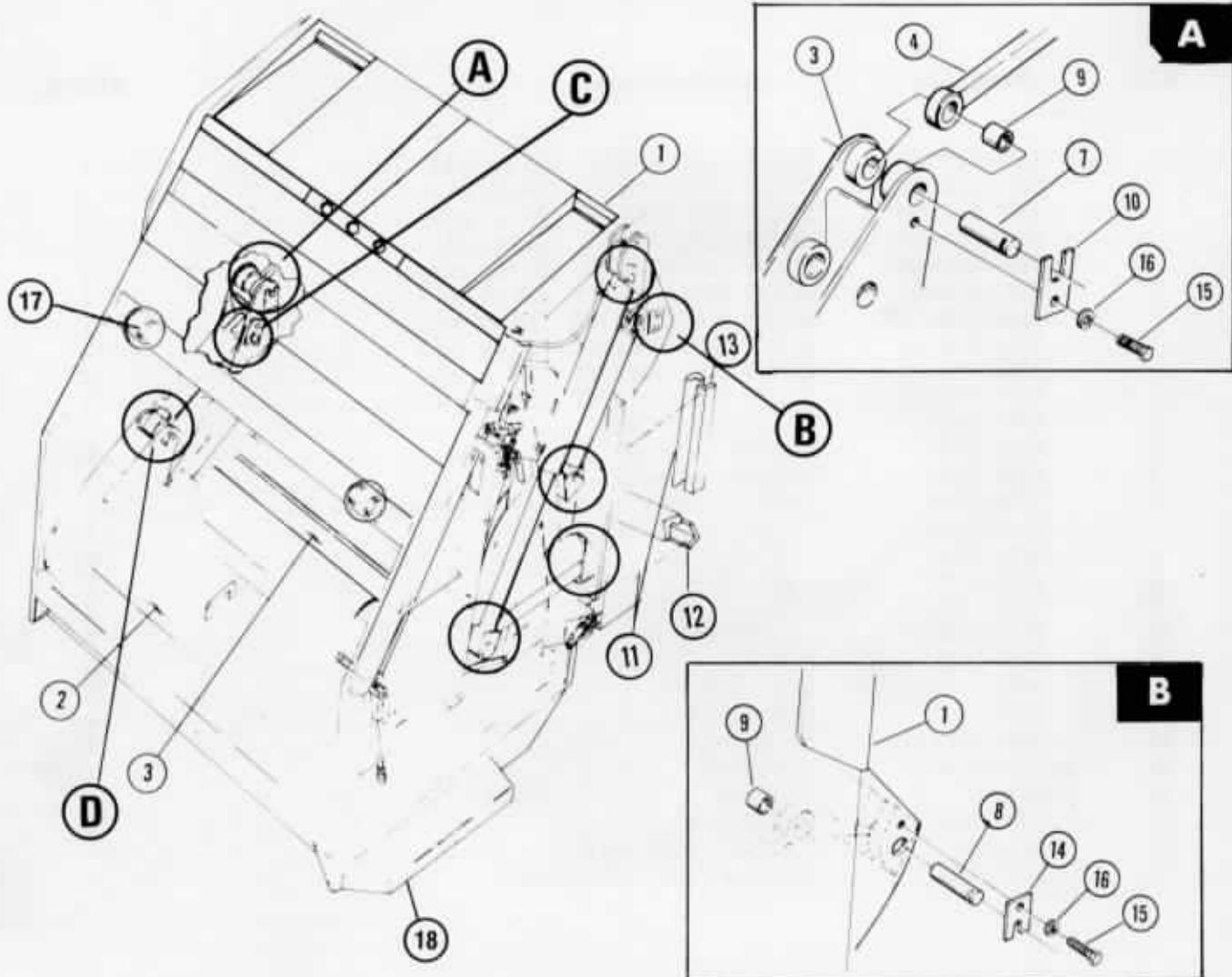
BODY ASSEMBLY



HEIL**BODY ASSEMBLY**

REF.	PART NO.	DESCRIPTION	REQ'D
.	T207-2903-01	BODY ASSEMBLY - (16 cu. yd.)	1
.	T207-2903-02	BODY ASSEMBLY - (18 cu. yd.)	1
.	T207-2903-03	BODY ASSEMBLY - (20 cu. yd.)	1
.	T207-2903-04	BODY ASSEMBLY - (25 cu. yd.)	1
.	T207-2903-05	BODY ASSEMBLY - (32 cu. yd.)	1
1	T207-2760-01	BODY WELDMENT - (16 cu. yd.)	1
	T207-2760-02	BODY WELDMENT - (18 cu. yd.)	1
	T207-2760-03	BODY WELDMENT - (20 cu. yd.)	1
	T207-2760-04	BODY WELDMENT - (25 cu. yd.)	1
	T207-2760-05	BODY WELDMENT - (32 cu. yd.)	1
2	T207-2600	EJECTOR PANEL	1
3	S207-2907	SHAFT, cylinder	1
4	S207-2908	SHAFT, cylinder	1
5	T204-8409	LATCH ASS'Y - (consists of items 6 thru 10)	1
6	T204-8466	LATCH HANDLE ASS'Y	2
7	S204-2986	WASHER	2
8	S204-8413	BEARING, thrust	2
9	S204-8414	EYE-BOLT, latch	2
10	FS190400	FITTING, lube, $\frac{1}{8}$ -27	2
11	S207-4775	PIN	2
12	NSS	PIN, cotter	2
13	NSS	PIN, cotter	4
14	S207-2640-04	BEARING	2
15	S207-2640-01	BEARING	2
16	60-0402	CAP, fill	1
17	S207-3629	BEARINGS	2
18	212-1210	NAMEPLATE, (HEIL)	1
19	S207-3219	BODY FRONT SECTION	1

TAILGATE ASSEMBLY

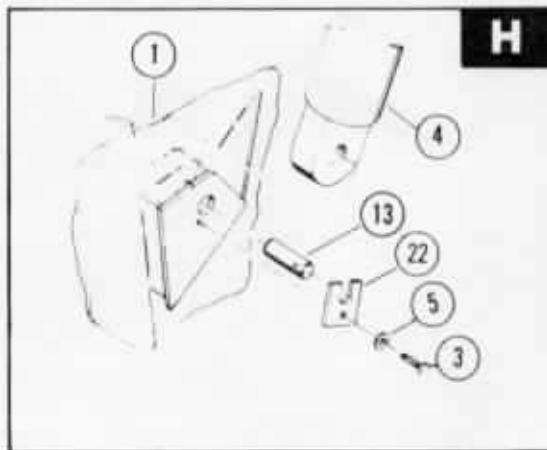
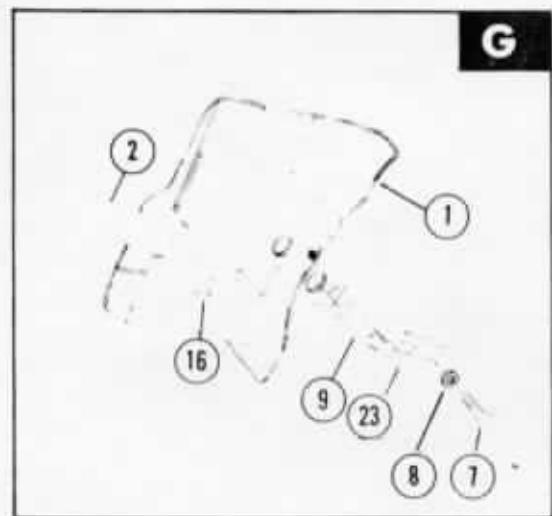
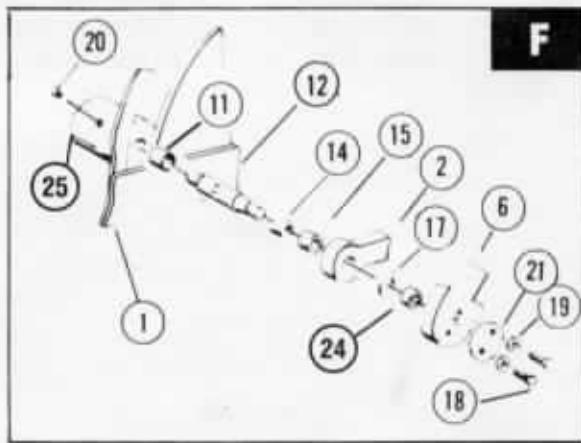
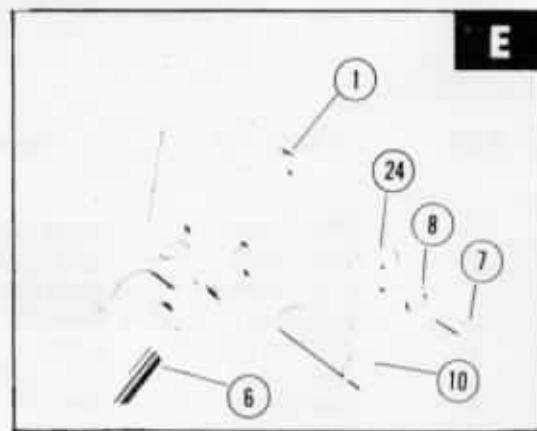
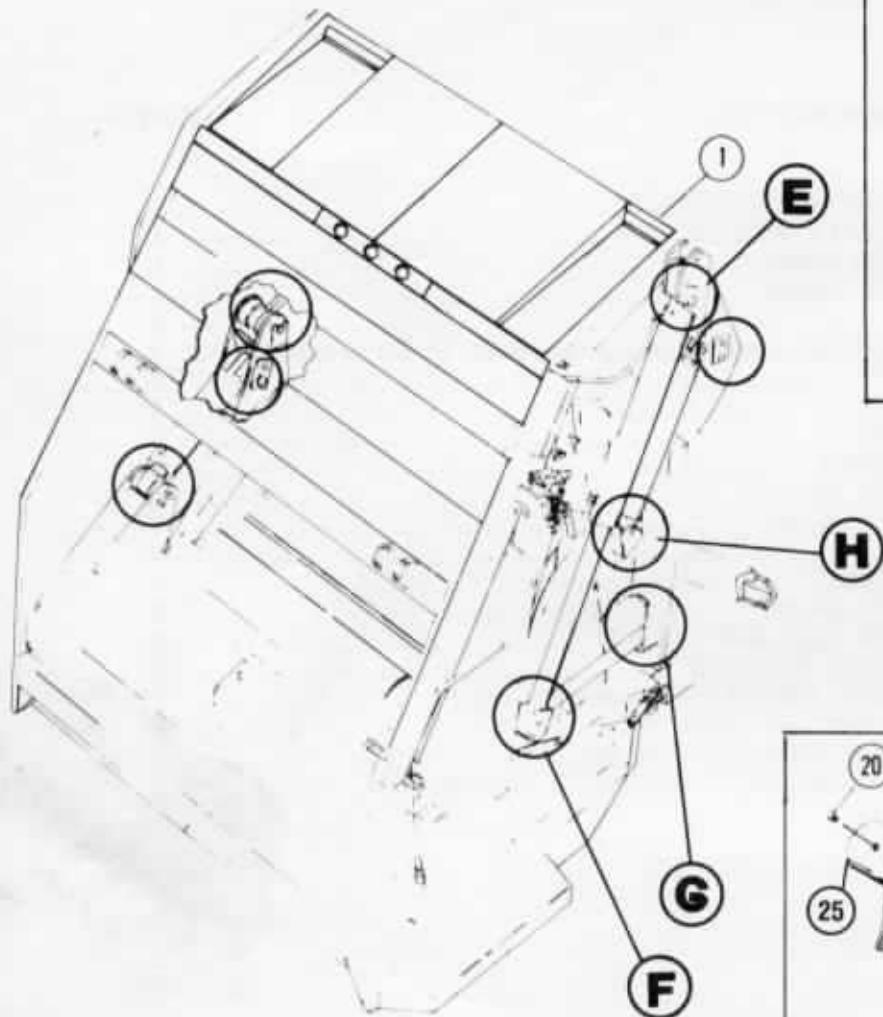


HEIL**TAILGATE ASSEMBLY**

REF.	PART NO.	DESCRIPTION	REQ'D
-	T207-2860	TAILGATE ASSEMBLY	1
1	T207-2520	TAILGATE WELDMENT	1
2	T207-2379	PANEL, lower	1
3	T207-2421	PANEL, upper	1
4	S207-2470	LINK	2
5	A001-4094	CYLINDER, inside packing (see page 38 for breakdown) ..	2
6	S207-2785	SHAFT	2
7	S207-2786	SHAFT	4
8	S207-2789	SHAFT	2
9	S207-2640-01	BEARING	6
10	S207-3455	PLATE, keeper	6
11	S207-2861	SEAL, tailgate	1
12	S207-2552	ANGLE	3
13	S207-2862	ANGLE	2
14	S207-3423	PLATE, keeper	6
15	NSS	SCREW, cap - 5/8" - 18 x 1"	12
16	NSS	WASHER, lock - 5/8"	12
17	S206-8235	RUBBER STOPS (lift attachment only)	2
18	A121-1117	STEP (left and right)	2
19	S207-2450	FACE PLATE (not illustrated)	1
20	A094-1349	HOPPER FRONT COMPLETE (includes 19)	1

(CONTINUED)

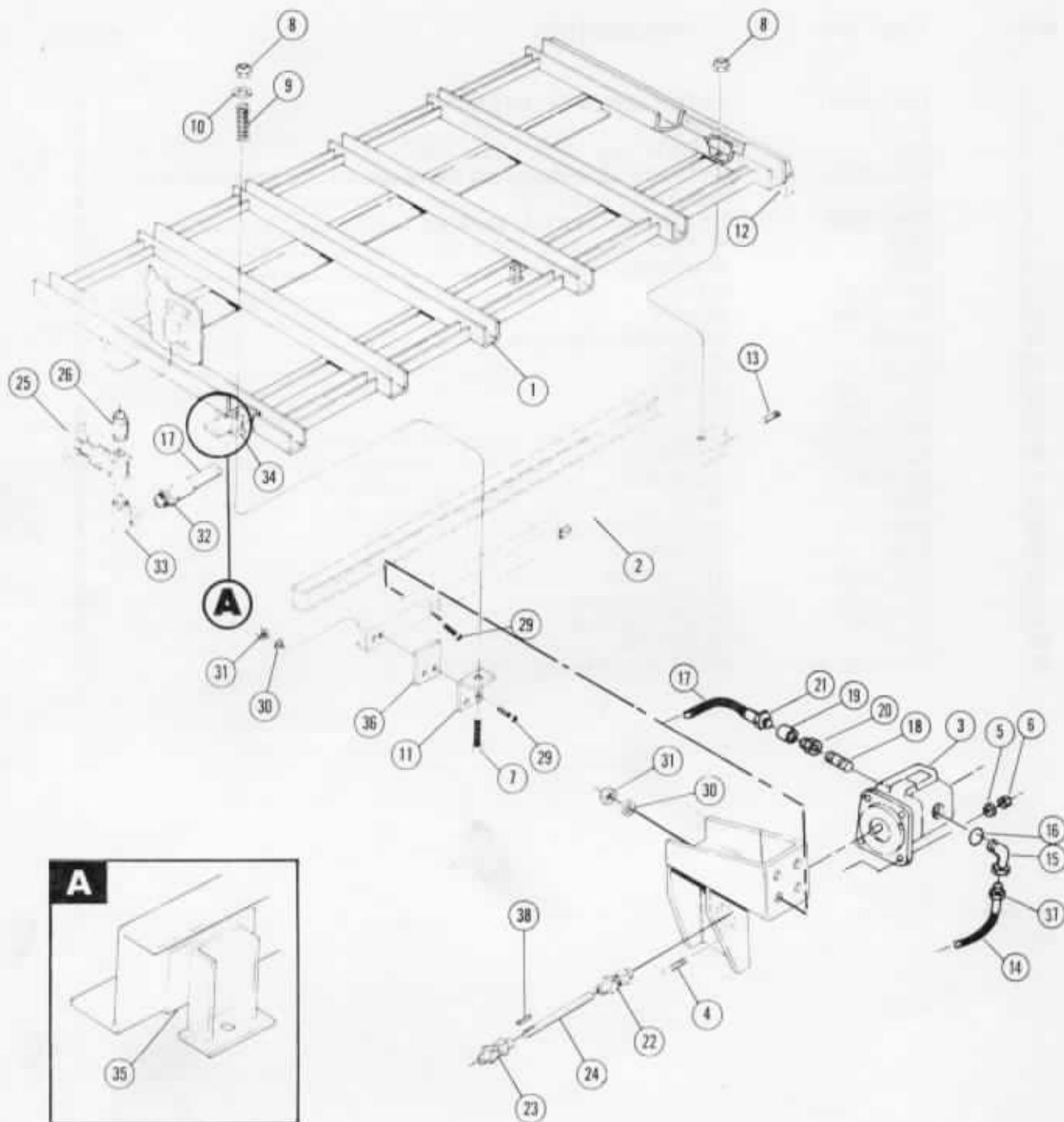
TAILGATE ASSEMBLY (CONT'D)




TAILGATE ASSEMBLY (CONT'D.)

REF.	PART NO.	DESCRIPTION	REQ'D
1	T207-2520	TAILGATE WELDMENT	1
2	4-1758	LINK	2
3	NSS	SCREW, cap - 3/8" - 24 x 7/8"	2
4	A001-4092	CYLINDER, tailgate lift (see page 42 for breakdown)	2
5	NSS	WASHER, lock; 3/8"	2
6	A001-4093	CYLINDER, outside packing	2
7	NSS	SCREW, cap; 5/8" - 18 x 1"	12
8	NSS	WASHER, lock; 5/8"	12
9	S207-2787	SHAFT	2
10	S207-2788	SHAFT	2
11	3-3589	BEARING (See item 25)	2
12	8-8125	SHAFT	2
13	S207-7340	SHAFT	2
14	S207-7946	WASHER	2
15	S207-2640-02	BEARING	2
16	S207-2640-03	BEARING	2
17	S207-7976	WASHER	2
18	NSS	BOLT	4
19	NSS	WASHER, lock-1/2"	4
20	NSS	SCREW	2
21	S207-2855	RETAINER	2
22	S207-3422	PLATE, keeper	2
23	S207-3423	PLATE, keeper	6
24	3-3590	BEARING	2
25	S207-4579-99	BOSS (less Bearing - item 11)	2

BODY MOUNTING

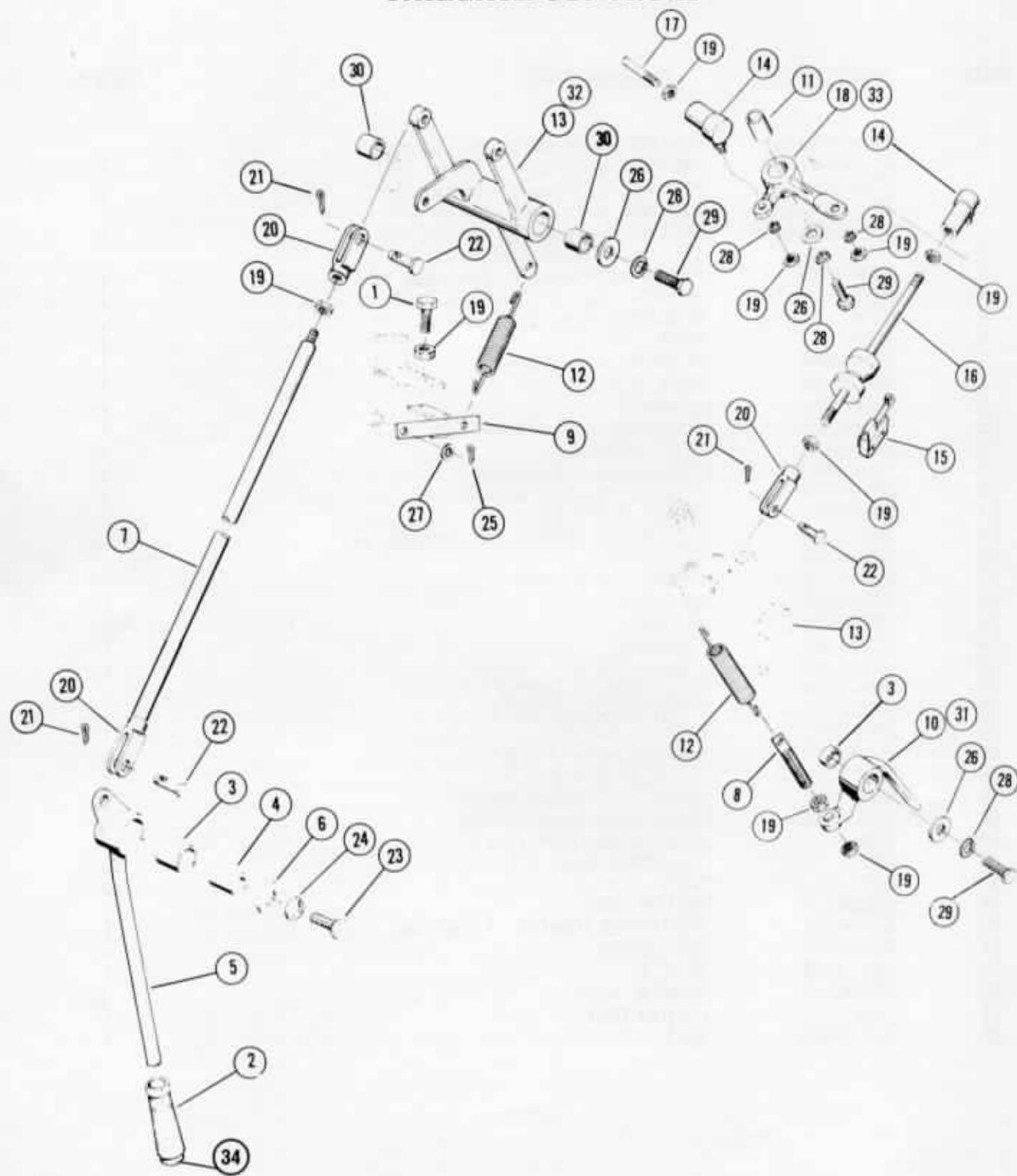




BODY MOUNTING

REF.	PART NO.	DESCRIPTION	REQ'D
1	T207-2631-01	FRAME, body ass'y - (16 cu. yd.)	1
	T207-2631-02	FRAME, body ass'y - (18 cu. yd.)	1
	T207-2631-03	FRAME, body ass'y - (20 cu. yd.)	1
	T207-2631-04	FRAME, body ass'y - (25 cu. yd.)	1
	T207-2631-05	FRAME, body ass'y - (32 cu. yd.)	1
2		TRUCK FRAME (Ref.)	
3	T207-9310	PUMP ASSEMBLY - (see page 52)	1
4	NSS	SCREW, cap - 1/2" - 20 x 1 3/4"	4
5	NSS	WASHER, lock - 1/2"	4
6	NSS	NUT, 1/2"-20	4
7	S010-3804	SCREW, cap -1"-8 x 6"	4
8	S010-6424	NUT, lock 1"-8	6
9	S206-2024	SPRING	4
10	S010-2975	WASHER, flat - 1 1/16" ID.	4
11	S206-2105	CLIP ANGLE	4
12	T206-4814	CHANNEL ASSEMBLY	1
13	S010-3402	SCREW, cap 1"-8 x 2 1/4"	2
14	S207-3255	HOSE, 3/4" x 84"	1
15	S207-9350	ADAPTER UNION, 1/4", includes 16	1
16	S010-7528	"O" RING	
17	S206-1235-04	HOSE - 1-1/2" x 65"	1
18	S207-9355	ELBOW	1
19	S207-9214	CLAMP	1
20	S207-9351	FLANGE	1
21	FS07-1024	CAP SCREW	1
22	S205-7354	UNIVERSAL JOINT	1
23	S204-3472	UNIVERSAL JOINT	1
24	S300-7135	SHAFT, drive	1
25	S010-8810	VALVE, gate - 1-1/2"	1
26	NSS	NIPPLE - 1-1/2" x 3"	1
27	S207-4038	BRACKET, pump (upper)	1
28	S207-4039	BRACKET, pump (lower)	1
29	NSS	SCREW, cap 5/8"-18 x 2"	12
30	NSS	WASHER, lock - 5/8"	12
31	NSS	NUT - 5/8"-18	12
32	S203-9885	COUPLING	1
33	S010-6171	ADAPTER UNION - 1-1/2" - 90	1
34	T206-2104	TIE DOWN	4
35	S207-4448	PLATE	4
36	S207-4449	PLATE, wear	4
37	NSS	COUPLING	1
38	S010-5862	KEY	1

TAILGATE CONTROLS

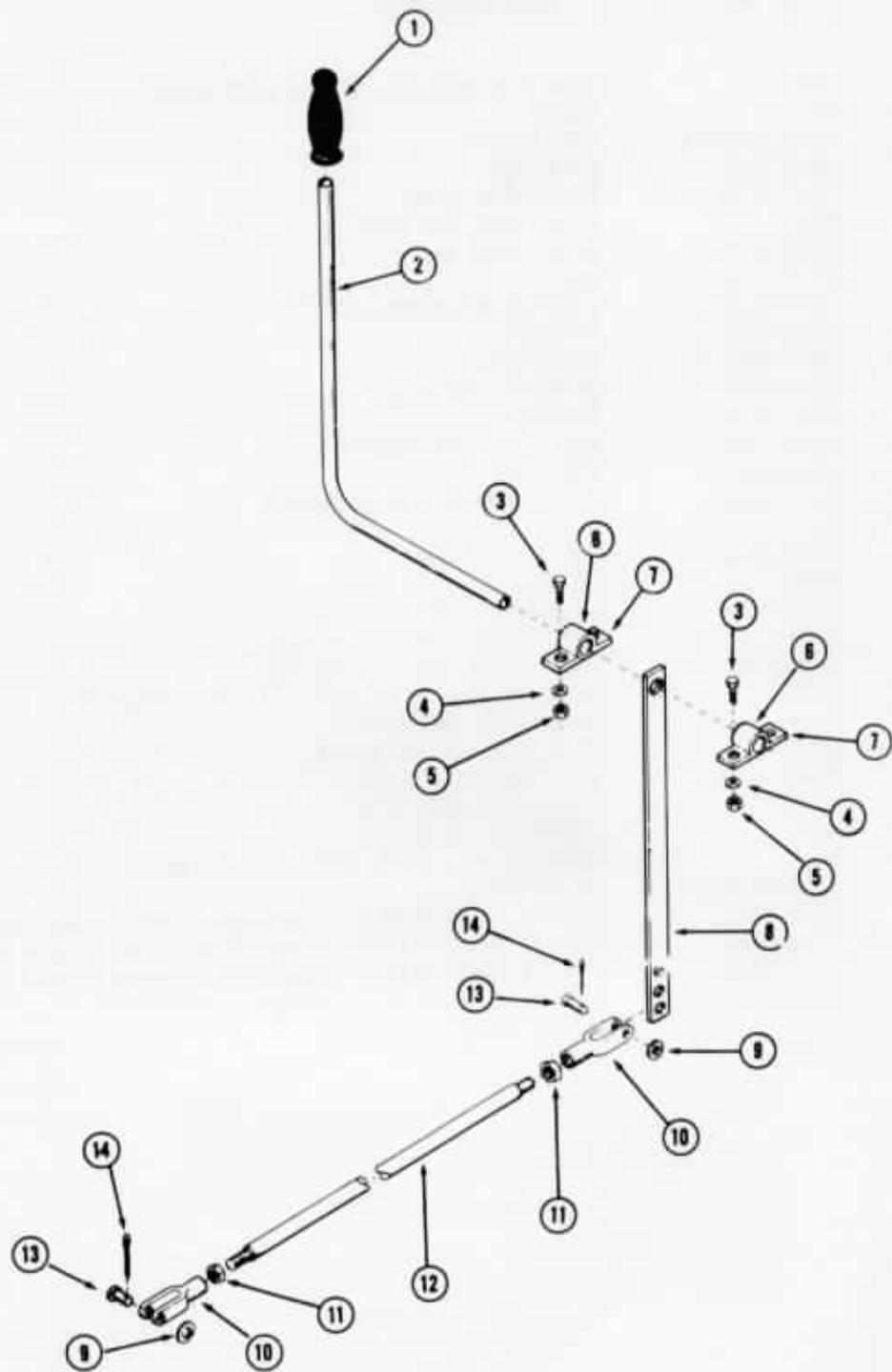




TAILGATE CONTROLS

REF.	PART NO.	DESCRIPTION	REQ'D
1	NSS	BOLT, H.H. 1/2" - 20 x 1 1/2" gr. 5	1
2	70-1172	GRIP	1
3	S207-2640-09	BEARING	1
4	S207-3186	SPACER	
5	T207-6176	HANDLE, weld	1
6	NSS	WASHER, flat 5/8"	1
7	T207-5139	ROD, weld ass'y	1
8	S207-3169	ROD	1
9	T207-6168	LEVER ASSEMBLY	1
10	S207-3170	PIVOT	1
11	S207-2640-10	BUSHING	1
12	S207-3181	SPRING (19 coils)	2
13	S207-3175	PIVOT	1
14	S206-7386	BALL JOINT ASS'Y	2
15	S203-3580	SWITCH	
16	T207-4968	ACTUATOR WELD ASS'Y	1
17	S207-2690	ROD	1
18	S207-2683	BELL CRANK	1
19	NSS	NUT, jam - 1/2" - 20	9
20	S010-4292	CLEVIS, 1/2"	2
21	NSS	PIN, cotter 1/8" x 7/8" Lg.	3
22	S010-5708	PIN, clevis, 1/2" x 1 23/64"	3
23	NSS	SCREW, cap, H.H. 5/8" - 11 x 2 1/4" gr. 5	1
24	NSS	WASHER, flat, 5/8"	1
25	NSS	PIN, cotter 3/32" x 3/4	1
26	NSS	WASHER, flat, 1/2"	3
27	NSS	WASHER, flat, 3/8"	1
28	NSS	WASHER, lock 1/2"	5
29	NSS	SCREW, cap, H.H. 1/2" - 13 x 1" gr. 5	3
30	S207-2640-05	BUSHING	5
31	T207-4901	PIVOT ASSEMBLY - (consists of items 3 and 10)	1
32	T207-4903	PIVOT ASSEMBLY - (consists of items 13 and 30)	1
33	T207-4902	PIVOT ASSEMBLY - (consists of items 11 and 18)	1
34	108-1113	SWITCH	1

P.T.O. CONTROL LEVER
(SERVICE ONLY)

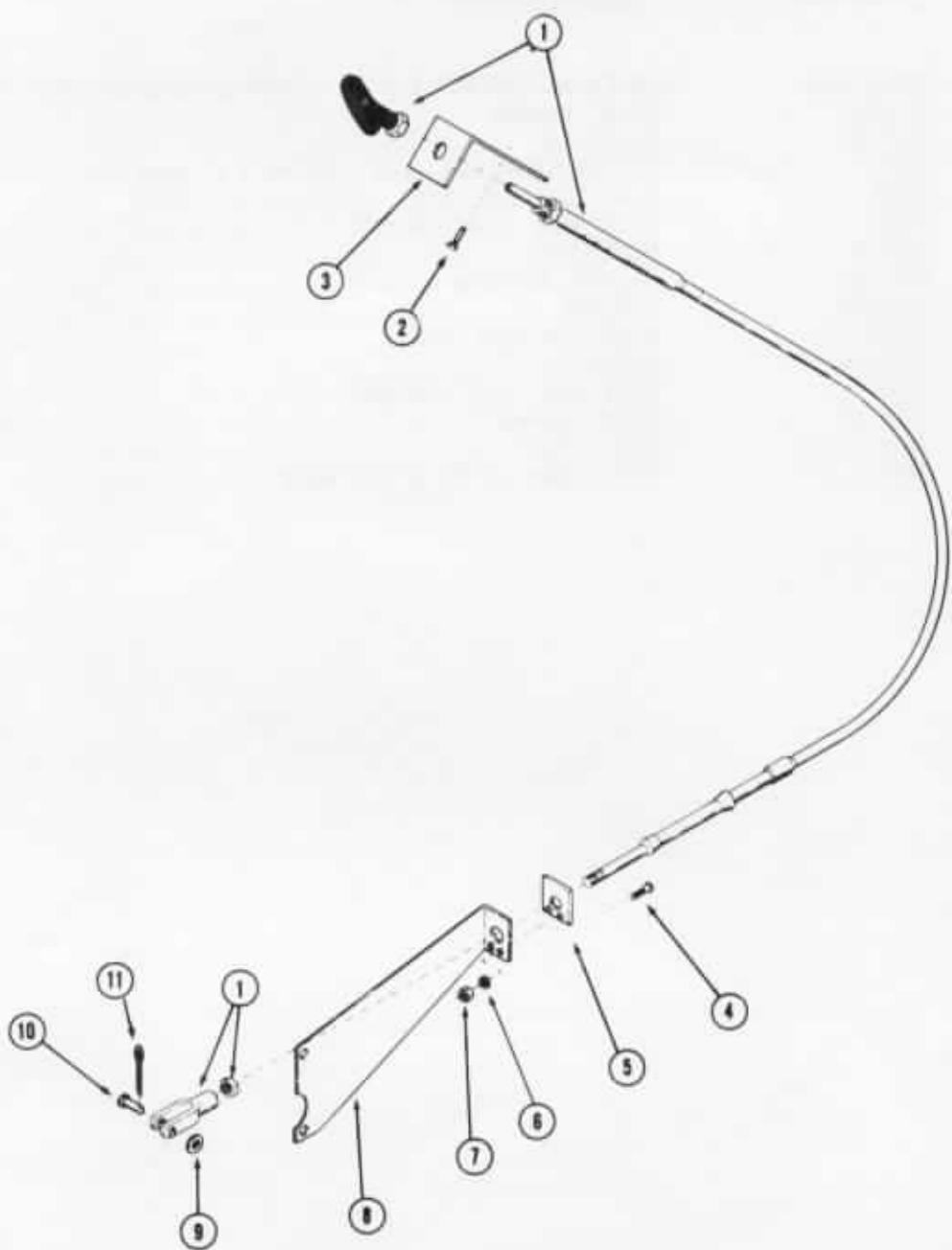




P.T.O. CONTROL LEVER
(SERVICE ONLY)

REF.	PART NO.	DESCRIPTION	REQ'D
-	K254-0884	CONTROL LEVER, P.T.O. - (consists of items 1 thru 14) ...	1
1	70-0680	GRIP, handle	1
2	70-0765	HANDLE	1
3	NSS	CAPSCREW, hex - 1/4" - 20 NC x 1" long	4
4	NSS	WASHER, flat - 1/4"	4
5	NSS	NUT, lock - 1/4" - 20 NC	4
6	3-2614	BEARING	2
7	34-9394	PLATE, bearing	2
8	13-4122	LEVER	1
9	NSS	WASHER, flat - 3/8"	2
10	32-0009	YOKER	2
11	NSS	NUT, hex - 1/2" - 20 NF	2
12	27-1718	ROD, control	1
13	48-3127-04	PIN, yoke	2
14	NSS	PIN, cotter - 3/32" x 3/4" long	2

P.T.O. CONTROL CABLE
(SERVICE ONLY)

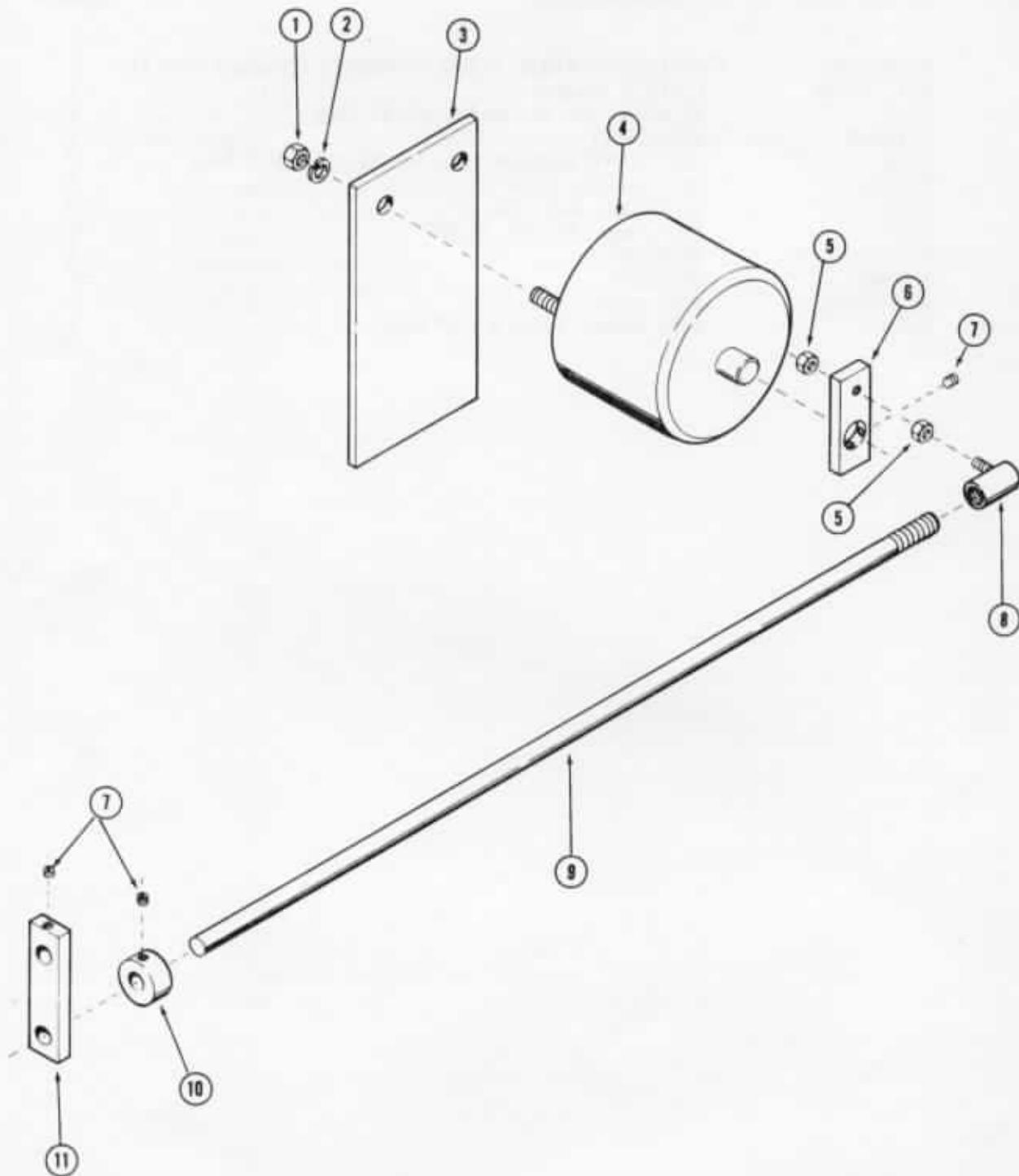


HEIL

P.T.O. CONTROL CABLE
(SERVICE ONLY)

REF.	PART NO.	DESCRIPTION	REQ'D
-	K254-0880	CONTROL CABLE, P.T.O. - (consists of items 1 thru 11) ..	1
1	254-1074-02	CABLE, control	1
2	NSS	SCREW - No. 10 - 16 NC x 3/4" long	2
3	111-8809	BRACKET	1
4	NSS	MACHINE SCREW - No. 10 - 32 NF x 3/4" long	2
5	53-0814	RETAINER, cable	1
6	NSS	WASHER, lock - No. 10	2
7	NSS	NUT, hex - No. 10 - 32 NF	2
8	111-1320	BRACKET	1
9	15-1665	SPACER	1
10	48-3127-02	PIN, yoke	1
11	NSS	PIN, cotter - 1/16" x 1/2" long	1

ELECTRIC SOLENOID THROTTLE CONTROL

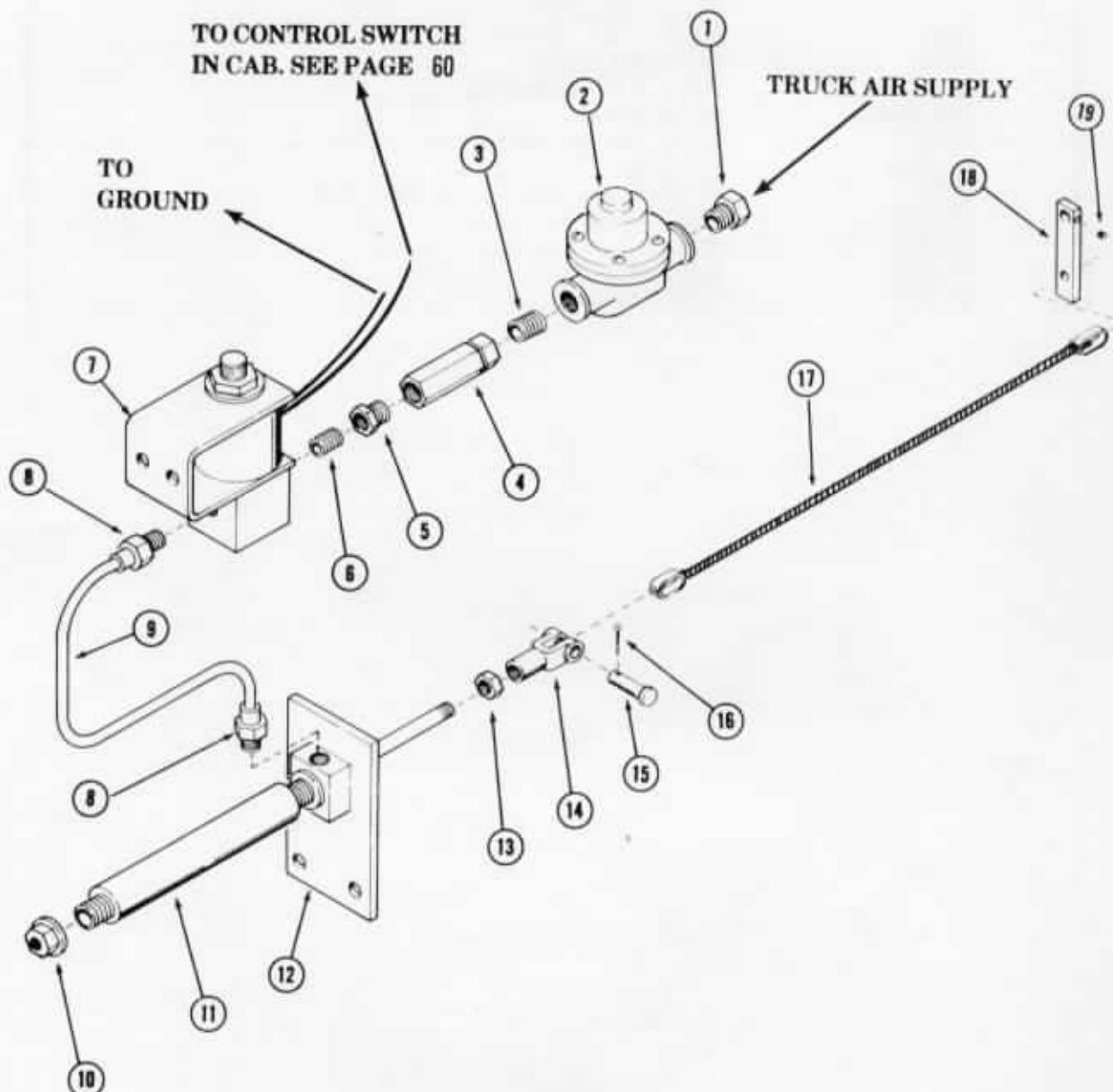




ELECTRIC SOLENOID THROTTLE CONTROL

REF.	PART NO.	DESCRIPTION	REQ'D
-	K272-1556	KIT, electric solenoid throttle control - (consists of items 1 thru 12)	1
1	NSS	NUT - 1/4" - 20 NF	2
2	NSS	LOCKWASHER	2
3	11-8670	BRACKET, mounting	1
4	108-0599	SOLENOID	1
5	NSS	NUT - No. 10 - 32 NF	2
6	21-2326	LEVER	1
7	NSS	SCREW, set - No. 10 - 32 NF x 1/4"	3
8	32-0707	JOINT, ball	1
9	27-2838	ROD	1
10	21-2328	BAR, stop	1
11	21-2327	BAR, throttle	1

AIR THROTTLE CONTROL
(FOR UNITS WITH MANUAL P.T.O.)

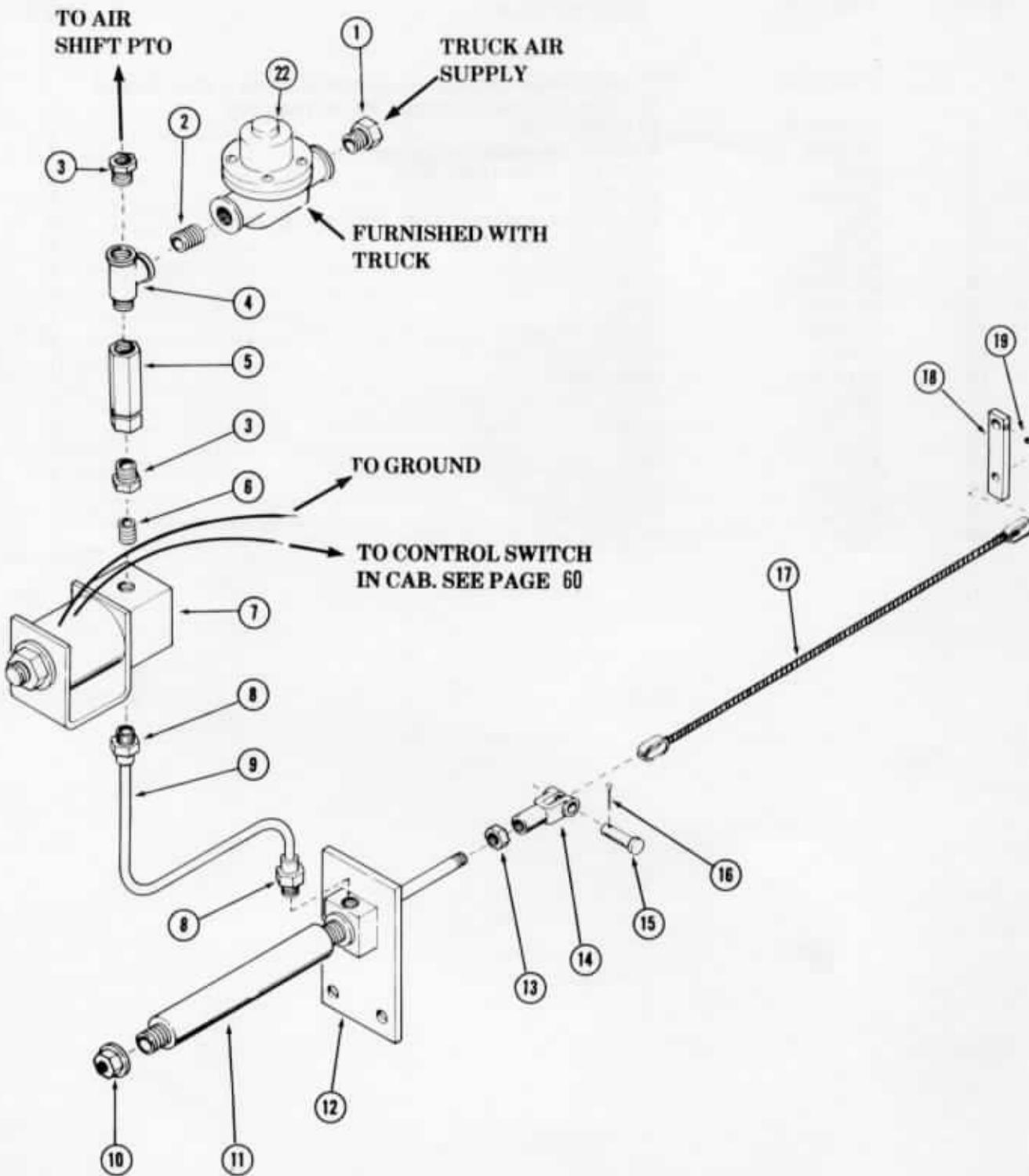




AIR THROTTLE CONTROL
(FOR UNITS WITH MANUAL P.T.O.)

REF.	PART NO.	DESCRIPTION	REQ'D
-	K252-9023	KIT, air throttle control - (consists of items 1 thru 20 and 21 - cab and engine wiring kit on page 82)	1
1	54-3526-04	CONNECTOR	1
2	31-1909	VALVE, pressure protection	1
3	NSS	NIPPLE, close - 1/4" NPT	1
4	75-0434	FILTER, air	1
5	NSS	BUSHING, reducer - 1/4" NPT x 1/8" NPT	2
6	NSS	NIPPLE, close - 1/8" NPT	1
7	31-1908	SOLENOID, air	1
8	54-5236-01	CONNECTOR	2
9	54-5420	TUBE	1
10	60-0408	VENT, breather	1
11	1-3405	CYLINDER, air	1
12	111-8370	BRACKET	1
13	NSS	NUT, jam - 1/4" NF	1
14	32-0968	YOKE	1
15	48-3127-02	PIN	1
16	NSS	PIN, cotter - 1/16" x 1/2" long	1
17	97-0376	CABLE, throttle	1
18	21-2327	BAR, throttle	1
19	NSS	SCREW, set - No. 10 NF x 1/4" long	1

**AIR THROTTLE CONTROL
(FOR UNITS WITH AIR SHIFT P.T.O.)**

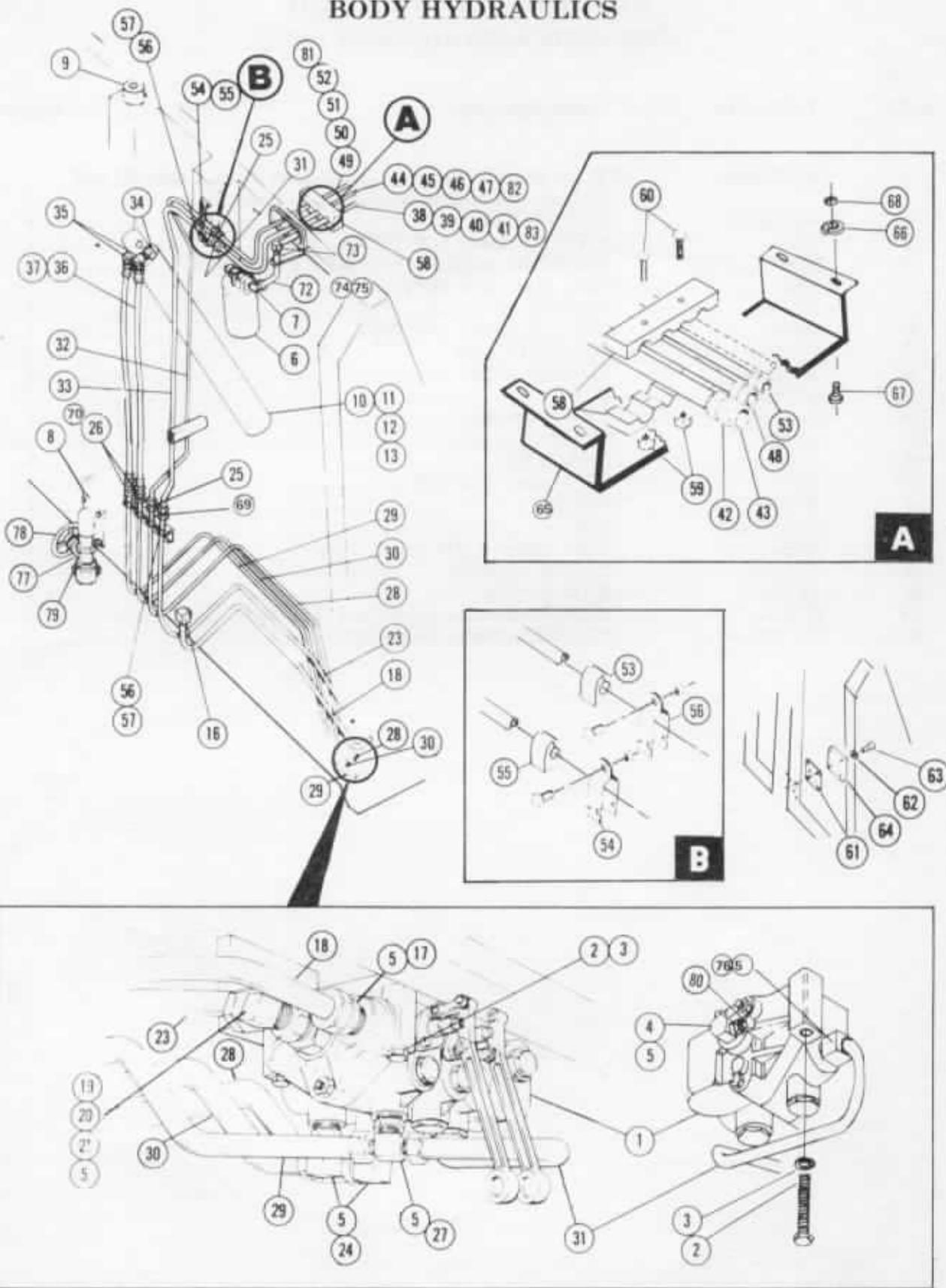




AIR THROTTLE CONTROL
(FOR UNITS WITH AIR SHIFT P.T.O.)

REF.	PART NO.	DESCRIPTION	REQ'D
-	K272-1554	KIT, air throttle control - (consists of items 1 thru 20 and 21 - cab and engine wiring kit on page 82)	1
1	54-3528-04	CONNECTOR	1
2	NSS	NIPPLE, close - 1/4" NPT	1
3	NSS	BUSHING, reducer - 1/4" NPT x 1/8" NPT	2
4	NSS	TEE, pipe - 1/4" NPT	1
5	75-0434	FILTER, air	1
6	NSS	NIPPLE, close - 1/8" NPT	1
7	31-1908	SOLENOID, air	1
8	54-5236-01	CONNECTOR	2
9	54-5420	TUBE	1
10	60-0408	VENT, breather	1
11	1-3405	CYLINDER, air	1
12	111-8370	BRACKET	1
13	NSS	NUT, jam - 1/4" NF	1
14	32-0968	YOKE	1
15	48-3127-02	PIN	1
16	NSS	PIN, cotter - 1/16" x 1/2" long	1
17	97-0376	CABLE, throttle	1
18	21-2327	BAR, throttle	1
19	NSS	SCREW, set - No. 10 NF x 1/4" long	1
20	31-1909	VALVE, pressure protection	1

BODY HYDRAULICS



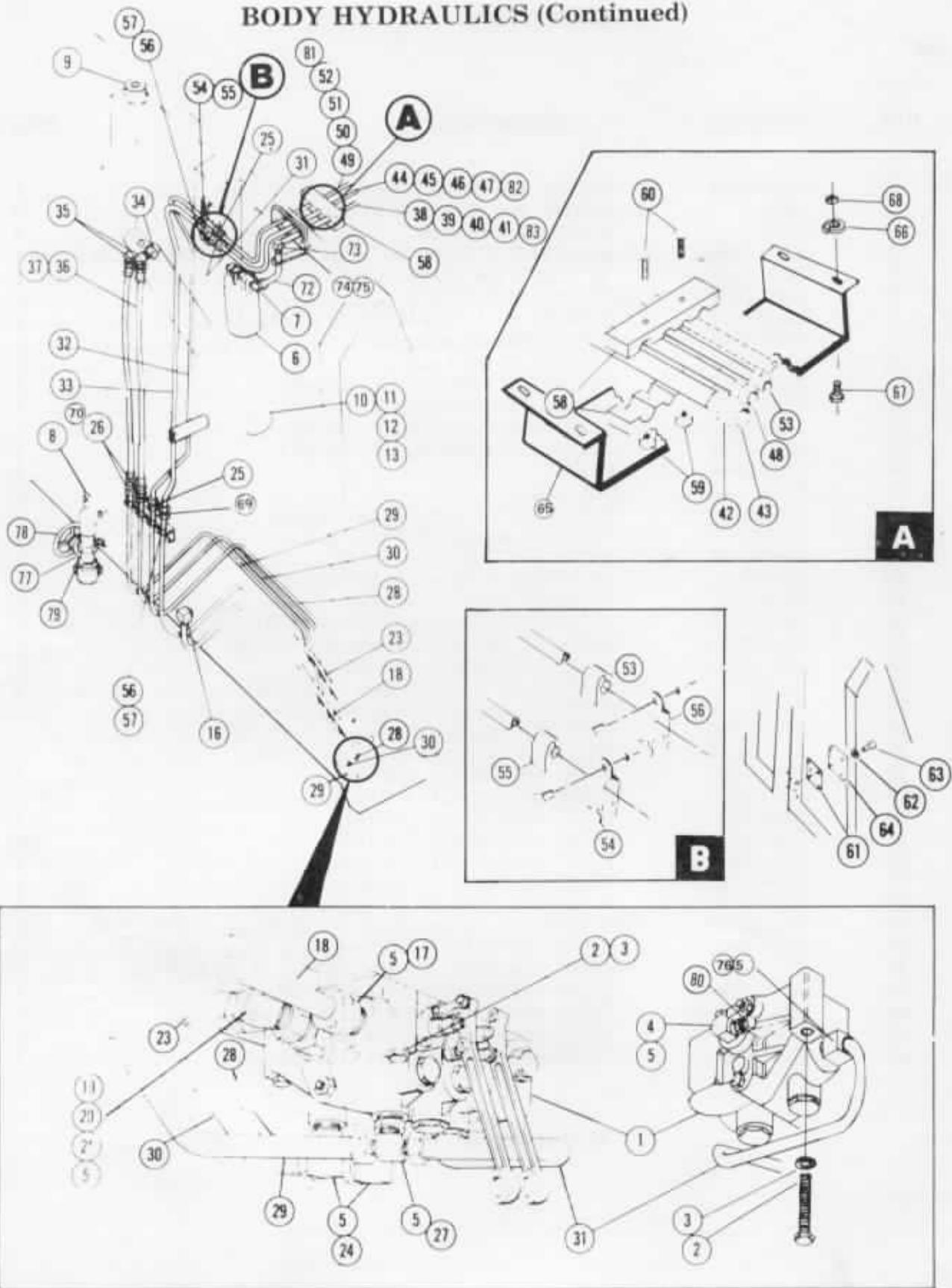


BODY HYDRAULICS

REF.	PART NO.	DESCRIPTION	REQ'D
1	T207-4656	VALVE ASSEMBLY, underbody	1
2	NSS	SCREW, hex H.D. 5/16 24 x 2 - 3/4	3
3	NSS	WASHER, lock-5/16	3
4	S010-7790	ADAPTER UNION - 90° male 1/16ST. THD.to 3/4 N.P.S.M.1	-
5	S010-7528	"O" RING, for 1 1/16 12 thd.	1
6	T207-2439	FILTER ASSEMBLY	1
7	54-3531-11	ELBOW, 45° 1 - 1/4 M.P.T. to 1 1/4 tube	1
8	T207-3645	STRAINER, oil assembly	1
9	S207-5364	GAUGE, oil level assembly	1
10	T207-3612	CYLINDER ASSEMBLY - (16 yd.)	1
11	T207-3613	CYLINDER ASSEMBLY - (18 yd.)	1
12	T207-3611	CYLINDER ASSEMBLY - (20 yd.)	1
13	T207-3614	CYLINDER ASSEMBLY - (25 yd.)	1
14	S207-2908	SHAFT	1
15	NSS	PIN, cotter	2
16	S010-5436	ELBOW, 90° 3/4 M.P.T. to 3/4 tube	1
17	54-3341-08	FITTING, straight 3/4 tube to 3/4 ST. THD. male	1
18	S207-8954	TUBE ASSEMBLY, 3/4 O.D.	1
19	S207-2441	ADAPTER, 5/8 male to 3/4 female	1
20	S010-7572	"O" RING, for 7/8 - 14 thd.	1
21	54-3340-08	ELBOW, 90° 3/4 tube to 3/4 ST. THD.	1
22	54-3007-08	FITTING, straight 3/4 tube to 3/4 tube	1
23	S207-8955	TUBE ASSEMBLY, 3/4 O.D.	1
24	54-3340-06	ELBOW, 90° 1/2 tube to 3/4 ST. THD.	2
25	54-3007-06	FITTING, straight 1/2 tube to 1/2 tube	1
26	54-3535-06	FITTING, straight 1/2 tube to 3/4 J.I.C.	1
27	54-3344-06	TEE RUN - 1/2 tube to 3/4 ST. THD.	1
28	S207-8956	TUBE ASSEMBLY, 1/2 O.D.	1
29	S207-8957	TUBE ASSEMBLY, 1/2 O.D.	1
30	S207-8958	TUBE ASSEMBLY, 1/2 O.D.	1
31	S207-9072	TUBE ASSEMBLY, 1/2 O.D.	1
32	S207-8960	TUBE ASSEMBLY, 1/2 O.D.	1
33	S207-8961	TUBE ASSEMBLY, 1/2 O.D.	1
34	74-3203-03	ADAPTER UNION - 90° male	2
35	74-3062-04	ELBOW, 45° swivel 1/2 M.P.T. to female 1/2 N.P.S.M.	2
36	S207-4925	HOSE, ASSEMBLY 1/2" x 48" LG 25 yd. only	2
37	S207-5401	HOSE, ASSEMBLY 1/2" x 34" LG 16, 18 & 20 yd.	2
38	S207-8965-01	TUBE ASSEMBLY, 1 1/4 O.D. (16 yd.)	1
39	S207-8965-02	TUBE ASSEMBLY, 1 1/4 O.D. (18 yd.)	1
40	S207-8965-03	TUBE ASSEMBLY, 1 1/4 O.D. (20 yd.)	1
41	S207-8965-04	TUBE ASSEMBLY, 1 1/4 O.D. (25 yd.)	1

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BODY HYDRAULICS (Continued)



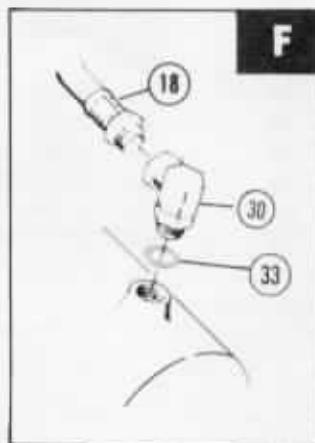
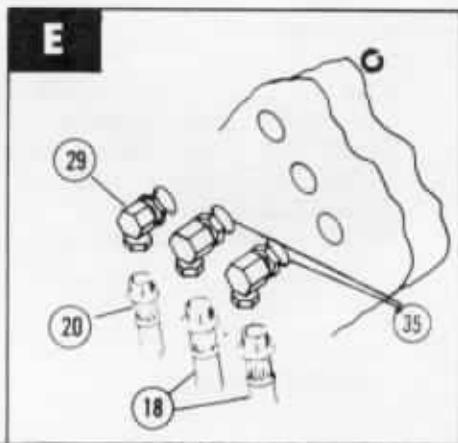
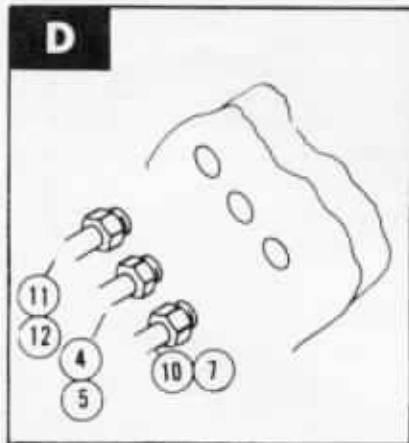
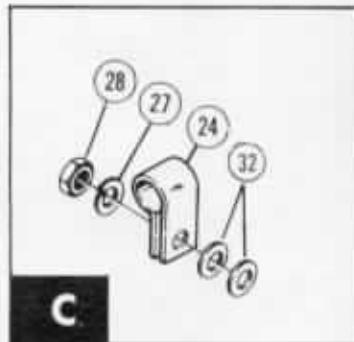
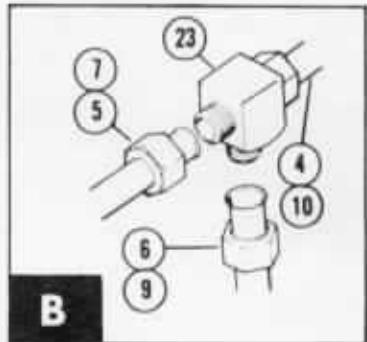
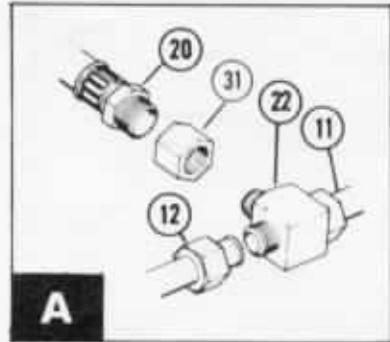
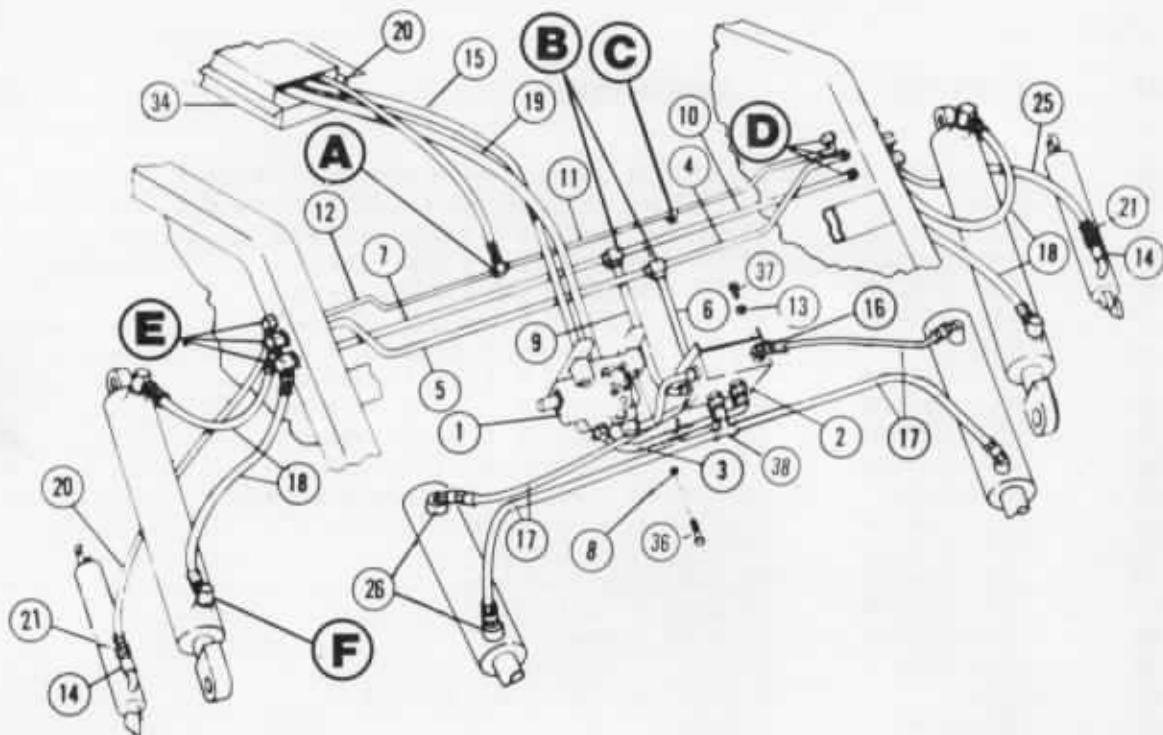


BODY HYDRAULICS (CONT'D.)

REF.	PART NO.	DESCRIPTION	REQ'D
42	5010-5505	ADAPTER, straight-1 1/4 tube to 1 1/4 F.P.T.	1
43	NSS	BUSHING, reducing-1 1/4 M.P.T. to 1" F.P.T.	1
44	S207-8962-01	TUBE ASSEMBLY 3/4 O.D. - (16 yd.)	1
45	S207-8962-02	TUBE ASSEMBLY 3/4 O.D. - (18 yd.)	1
46	S207-8962-03	TUBE ASSEMBLY 3/4 O.D. - (20 yd.)	1
47	S207-8962-04	TUBE ASSEMBLY 3/4 O.D. - (25 yd.)	1
48	S010-7270	ADAPTER, straight 3/4 tube to 3/4 F.P.T.	1
49	S207-8963-01	TUBE ASSEMBLY, 1/2 O.D. - (16 yd.)	1
50	S207-8963-02	TUBE ASSEMBLY, 1/2 O.D. - (18 yd.)	1
51	S207-8963-03	TUBE ASSEMBLY, 1/2 O.D. - (20 yd.)	1
52	S207-8963-04	TUBE ASSEMBLY, 1/2 O.D. - (25 yd.)	1
53	S010-7522	ADAPTER, straight - 1/2 tube to 1/2 F.P.T.	1
54	S207-2940-03	CLAMP, tube - 1/2 tube	3
55	S207-2939-03	CUSHION - 1/2 tube	3
56	S207-2940-05	CLAMP, tube - 3/4 tube	2
57	S207-2939-05	CUSHION - 3/4 tube	2
58	S207-3622-01	CLAMP, rubber	6
59	S207-3623	INSERT, mounting - T-nut	12
60	NSS	SCREW, hex hd-1/4-20 x 1 3/4	12
61	S204-8885	GASKET	3
62	NSS	WASHER, lock-1/2	4
63	NSS	SCREW, cap - 1/2 - 20 x 3/4	4
64	S207-6244	PLATE	1
65	S207-7425	COVER	1
66	NSS	WASHER	4
67	NSS	SCREW, cap	4
68	NSS	NUT	4
69	S010-6265	FITTING	1
70	S010-8906	ADAPTOR	3
71	NSS	NUT	1
72	S207-8966	TUBE	1
73	54-3533-11	FITTING	1
74	NSS	NUT	1
75	S207-8968	PLATE	1
76	54-3341-06	FITTING	1
77	NSS	NIPPLE, pipe - 1 1/2" x 4"	1
78	S010-8810	VALVE, gate - 1 1/2" screw	1
79	S010-2455	CLOSURE, plug - push in	1
80	S011-5069	CLOSURE, plug - for 1 1/16" - 14 thd.	1
81	S207-8963-09	TUBE ASSEMBLY, 1/2"	1
82	S207-8962-09	TUBE ASSEMBLY, 3/4"	1
83	S207-8965-09	TUBE ASSEMBLY, 1 1/4"	1

(CONTINUED)

TAILGATE HYDRAULICS

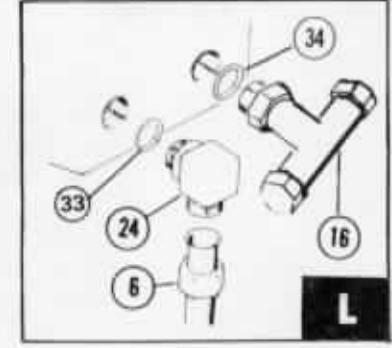
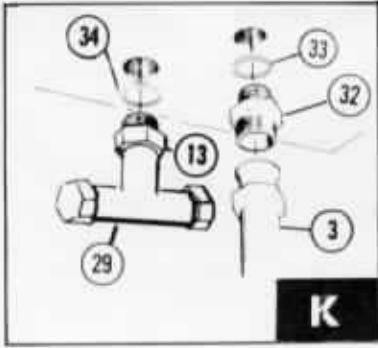
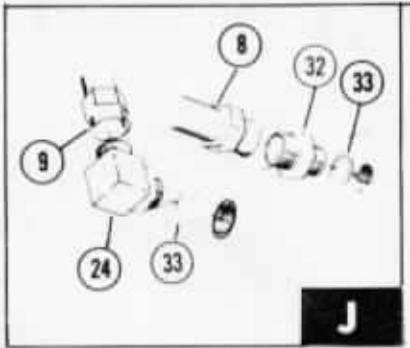
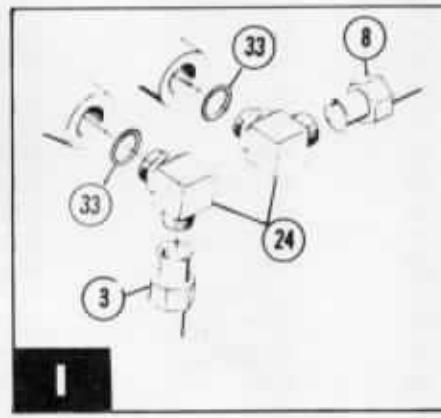
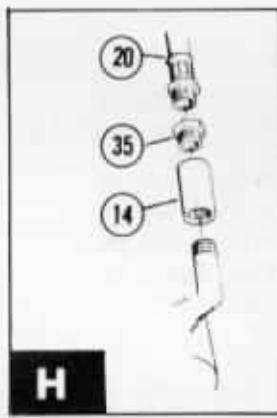
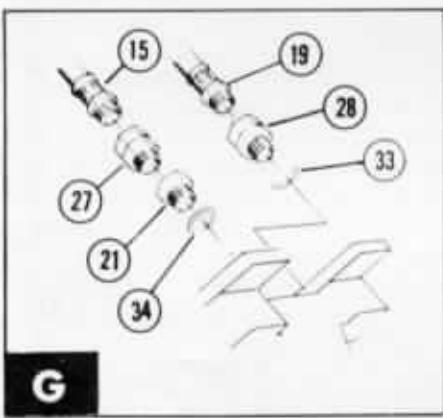
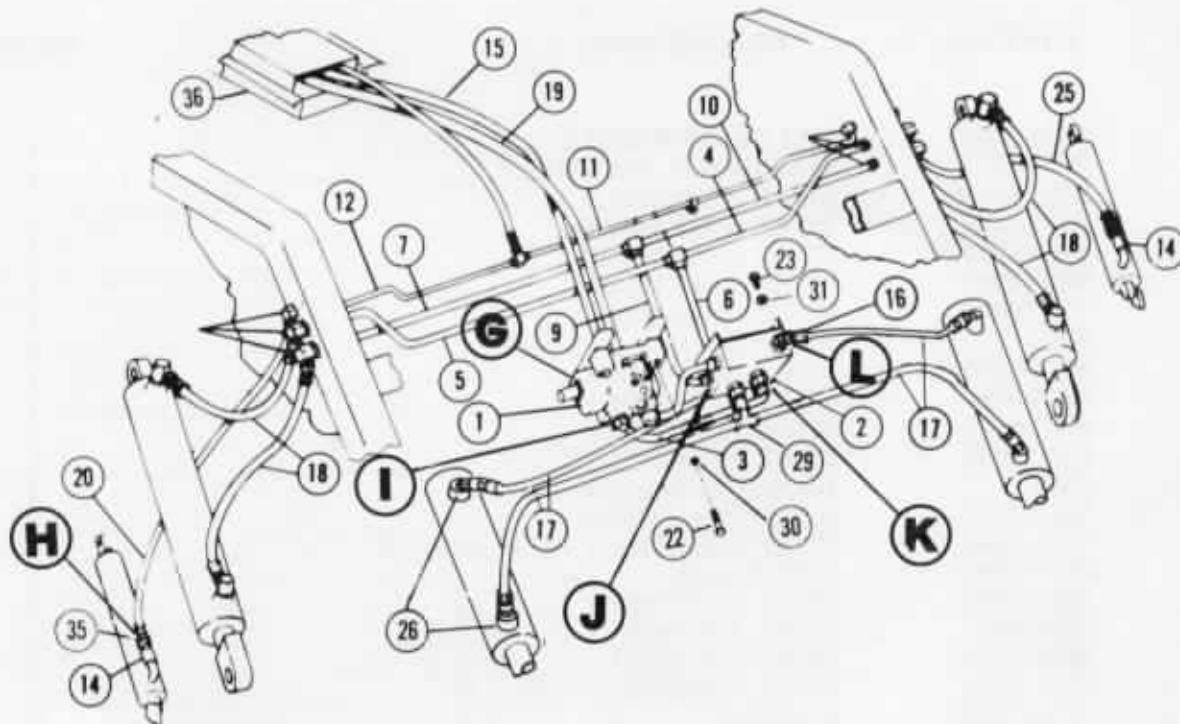




TAILGATE HYDRAULICS

REF.	PART NO.	DESCRIPTION	REQ'D
1	T207-2353	VALVE ASSEMBLY	1
2	T207-2372	MANIFOLD ASSEMBLY	1
3	S207-8944	TUBE ASSEMBLY	1
4	S207-9078	TUBE ASSEMBLY	1
5	S207-9079	TUBE ASSEMBLY	1
6	S207-8947	TUBE ASSEMBLY	1
7	S207-9080	TUBE ASSEMBLY	1
8	NSS	WASHER, lock - 1/2" I.D.	3
9	S207-8950	TUBE ASSEMBLY	1
10	S207-9081	TUBE ASSEMBLY	1
11	S207-9082	TUBE ASSEMBLY	1
12	S207-9083	TUBE ASSEMBLY	1
13	NSS	WASHER, lock 3/8" I.D.	4
14	S207-9441	ADAPTER UNION	2
15	S207-3246	HOSE ASSEMBLY - 3/4" x 46 1/2"	1
16	S207-8888	TEE, branch	1
17	S207-8886	HOSE ASSEMBLY 3/4" x 60"	4
18	S207-9007	HOSE ASSEMBLY 1" x 29 1/2"	4
19	S207-3253	HOSE ASSEMBLY 1" x 47 1/2"	1
20	S207-3254	HOSE ASSEMBLY 1/2" x 48	1
21	54-3533-06	FITTING	2
22	54-3537-06	TEE - 3/8" x 1/2"	1
23	54-3139-10	TEE - 1"	2
24	S011-2931	CLIP	2
25	S207-4925	HOSE	2
26	S010-7790	ADAPTER UNION	4
27	NSS	WASHER, lock - 1/4" I.D.	2
28	NSS	NUT, 1/4" - 20	2
29	54-3533-06	ADAPTER UNION	2
30	S010-7791	ADAPTER UNION	4
31	S010-7435	ADAPTER UNION	1
32	NSS	WASHER, flat	4
33	S010-7527	"O" RING - 1"	19
34	S207-7425	COVER	1
35	54-3533-10	FITTING	2
36	NSS	BOLT, hex - 1/2 - 13 x 2"	3
37	NSS	BOLT, hex - 3/8" - 16 x 3/4"	4
38	S207-8885	TEE, swivel	1

TAILGATE HYDRAULICS (CONT'D.)

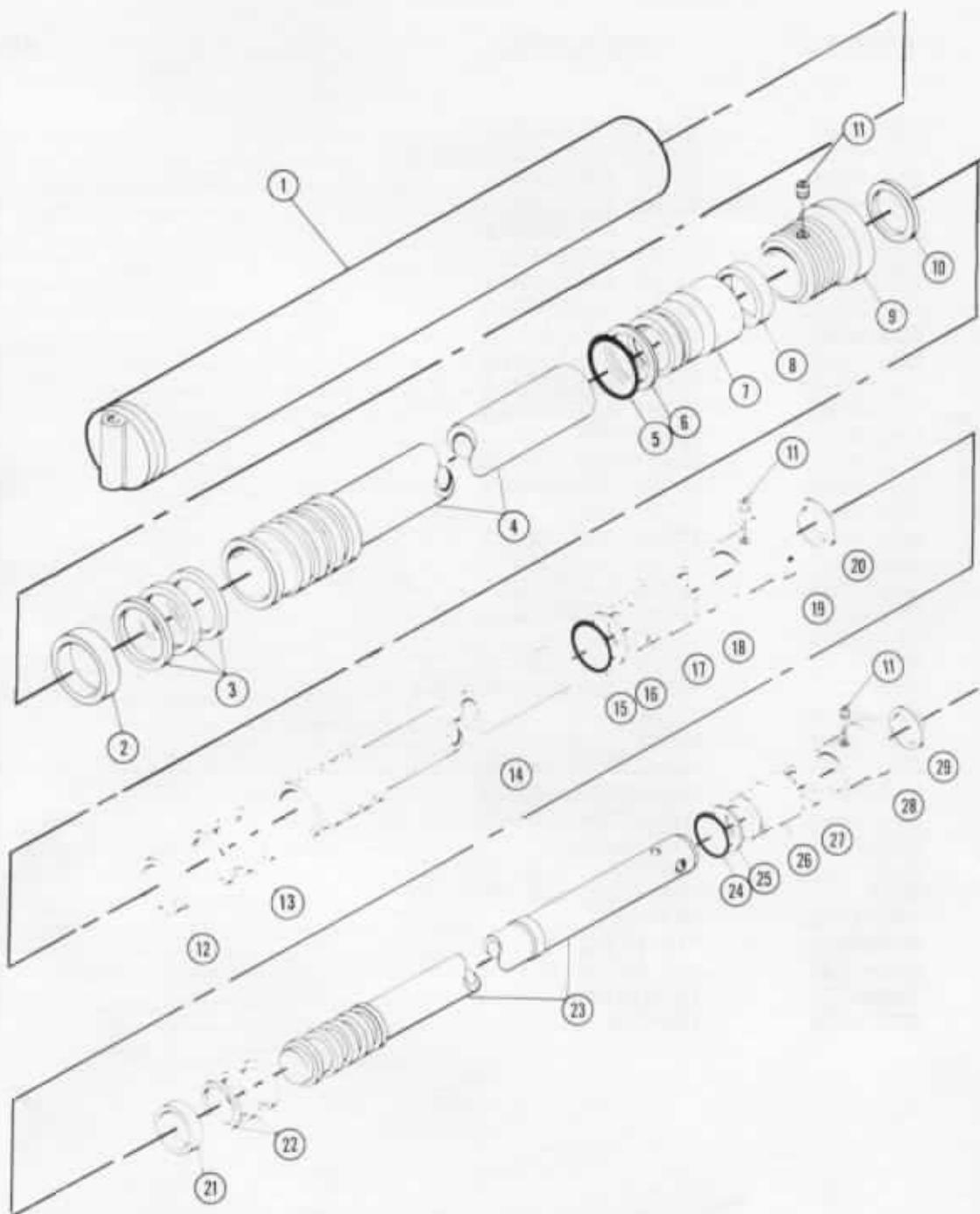




TAILGATE HYDRAULICS (CONT'D.)

REF.	PART NO.	DESCRIPTION	REQ'D
1	T207-2353	VALVE ASSEMBLY	1
2	T207-2372	MANIFOLD ASSEMBLY	1
3	S207-8944	TUBE ASSEMBLY	1
4	S207-9078	TUBE ASSEMBLY	1
5	S207-9079	TUBE ASSEMBLY	1
6	S207-8947	TUBE ASSEMBLY	1
7	S207-9080	TUBE ASSEMBLY	1
8	S207-8949	TUBE ASSEMBLY	1
9	S207-8950	TUBE ASSEMBLY	1
10	S207-9081	TUBE ASSEMBLY	1
11	S207-9082	TUBE ASSEMBLY	1
12	S207-9083	TUBE ASSEMBLY	1
13	S207-8887	ADAPTER	1
14	S207-9441	ADAPTER UNION	2
15	S207-3246	HOSE ASSEMBLY - 3/4" x 46 1/2"	1
16	S207-8888	TEE, branch	1
17	S207-8886	HOSE ASSEMBLY, 3/4" x 60"	4
18	S207-9007	HOSE ASSEMBLY 1" x 29 1/2"	4
19	S207-3253	HOSE ASSEMBLY 1" x 47 1/2"	1
20	S207-3254	HOSE ASSEMBLY 1/2" x 48"	1
21	54-4194-13	FITTING	1
22	NSS	BOLT, hex 1/2" - 13 x 2"	3
23	NSS	BOLT, hex 3/8 - 16 x 3/4	4
24	54-3340-10	ELBOW	4
25	S207-4925	HOSE	2
26	S010-7790	ADAPTER UNION	4
27	74-3059-05	ADAPTER UNION	1
28	S011-5044	ADAPTER UNION	1
29	S207-8885	TEE, swivel	1
30	NSS	WASHER, lock - 1/2" ID.	3
31	NSS	WASHER, lock - 3/8" ID.	1
32	54-3341-10	FITTING	2
33	S010-7527	"O" RING - 1"	19
34	S010-7528	"O" RING - 3/4"	4
35	S010-7435	COUPLING	2
36	S207-7425	COVER	1

EJECTOR CYLINDER

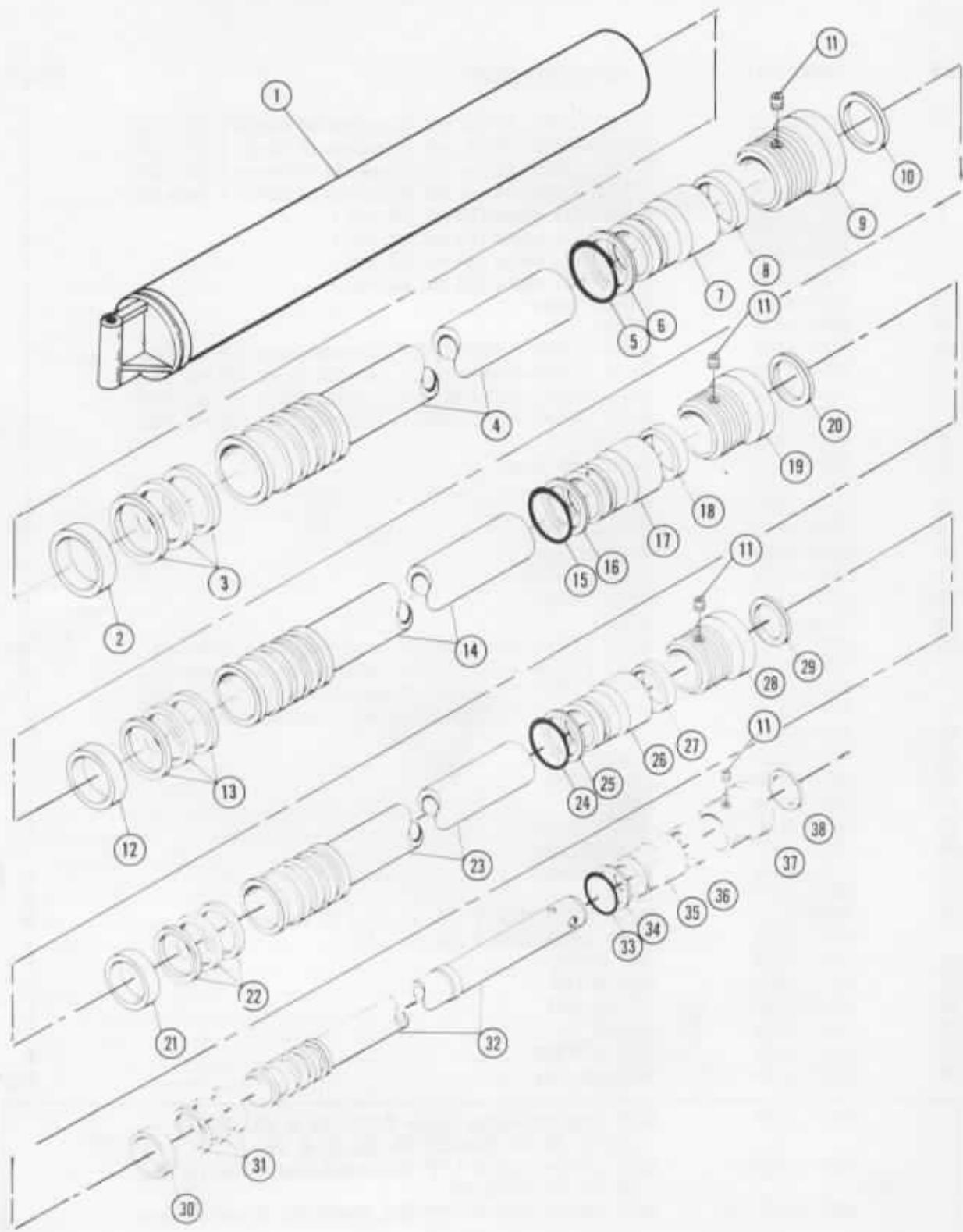




EJECTOR CYLINDER

REF.	PART NO.	DESCRIPTION	REQ'D
-	T207-3612	CYLINDER, 16 cu. yd. (consists of items 1 thru 29)	1
-	T207-3613	CYLINDER, 18 cu. yd. (consists of items 1 thru 29)	1
-	T207-3611	CYLINDER, 20 cu. yd. (consists of items 1 thru 29)	1
-	T207-3614	CYLINDER, 25 cu. yd. (consists of items 1 thru 29)	1
1	S207-4136	BARREL, outer (16 cu. yd. cyl.)	1
	S207-4137	BARREL, outer (18 cu. yd. cyl.)	1
	S207-4138	BARREL, outer (20 cu. yd. cyl.)	1
	S207-4139	BARREL, outer (25 cu. yd. cyl.)	1
2	S207-4172	RING, wear	1
3	S207-4175	RING	1
4	S207-4141	ROD TUBE ASSEMBLY, intermediate (16 cu. yd.)	1
	S207-4142	ROD TUBE ASSEMBLY, intermediate (18 cu. yd.)	1
	S207-4143	ROD TUBE ASSEMBLY, intermediate (20 cu. yd.)	1
	S207-4144	ROD TUBE ASSEMBLY, intermediate (25 cu. yd.)	1
5	S010-5931	"O" RING	1
6	S207-4179	RING, back up	1
7	S207-4154	BEARING	1
8	S207-4163	RING	1
9	S207-4157	RETAINER	1
10	S207-4166	WIPER, felt	1
11	S207-4171	PLUG, nylon	3
12	S207-4173	RING, wear	1
13	S207-4176	RING	3
14	S207-4145	ROD TUBE ASSEMBLY, intermediate (16 cu. yd.)	1
	S207-4146	ROD TUBE ASSEMBLY, intermediate (18 cu. yd.)	1
	S207-4147	ROD TUBE ASSEMBLY, intermediate (20 cu. yd.)	1
	S207-4148	ROD TUBE ASSEMBLY, intermediate (25 cu. yd.)	1
15	S010-6877	"O" RING	1
16	S207-4228	BACK UP	1
17	S207-4155	BEARING	1
18	S207-4164	RING	1
19	S207-4158	RETAINER	1
20	S207-4167	WIPER, felt	1
21	S207-4174	RING, wear	1
22	S207-4177	RING	1
23	S207-4152	ROD ASSEMBLY (16, 18, and 20 cu. yd.)	1
	S207-4153	ROD ASSEMBLY (25 cu. yd.)	1
24	S010-5000	"O" RING	1
25	S207-4162	BACK UP	1
26	S207-4156	BEARING	1
27	S207-4165	RING	1
28	S207-4159	RETAINER	1
29	S207-4168	WIPER, felt	1
-	S207-4169	KIT, seal (includes items 2, 3, 5, 6, 8, 10, 12, 13, 15, 16, 18, 20 thru 22, 24, 25, 27 & 29)	
-	S207-7222	KIT, sleeve seal, 3 1/2" dia. (includes items 11, 21, 22, 24, 25, 27 & 29)	
-	S207-7223	KIT, sleeve seal, 4 1/2" dia. (includes items 11 thru 13, 15, 16, 18 and 20)	
-	S207-7224	KIT, sleeve seal, 5 1/2" dia. (includes items 2, 3, 5, 6, 8, 10 and 11)	A/R

EJECTOR CYLINDER (32 CU. YD. ONLY)

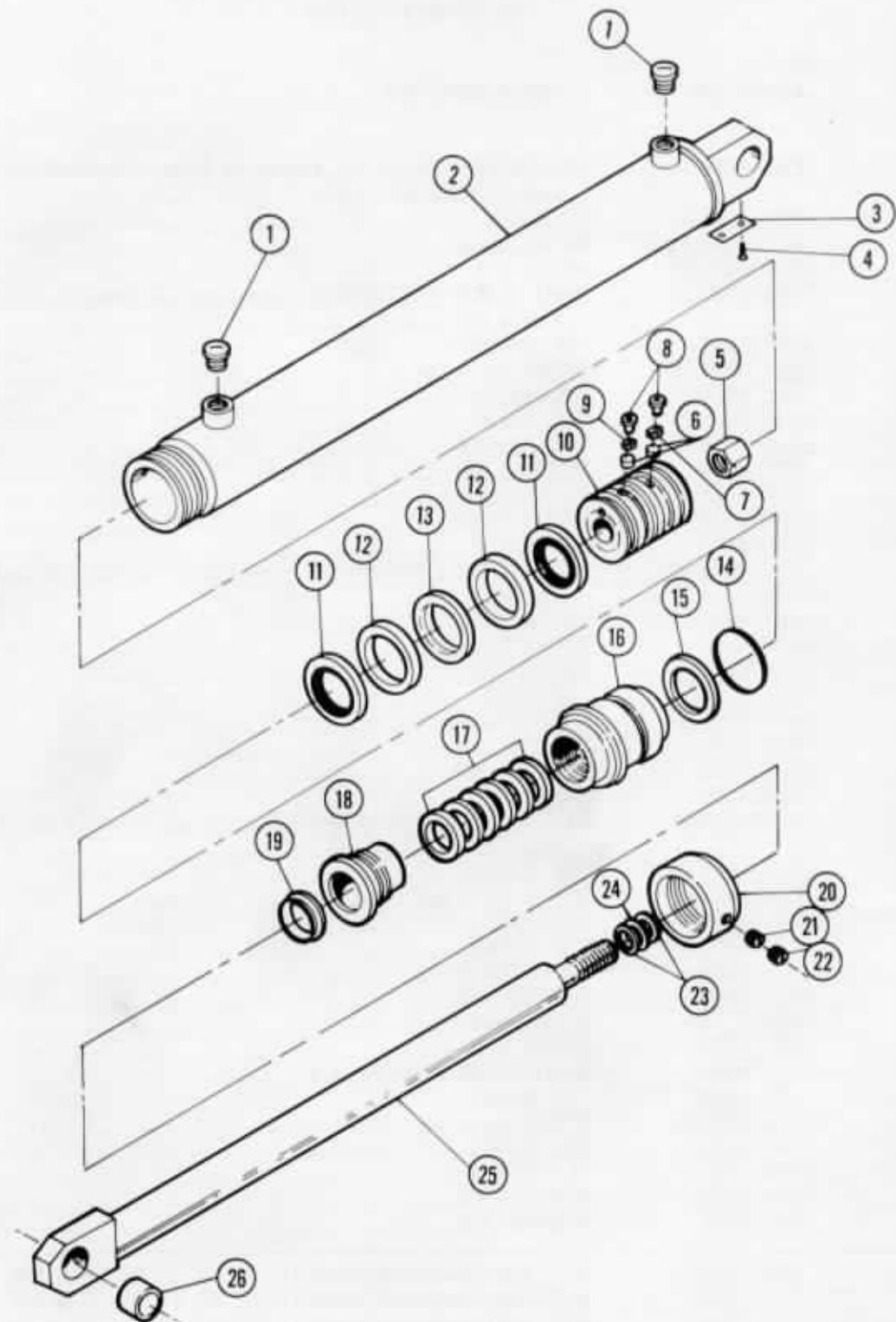




**EJECTOR CYLINDER
32 CUBIT YARD**

REF.	PART NO.	DESCRIPTION	REQ'D
-	T207-9064	CYLINDER, 32 cu. yd. FORMULA 5000 - (consists of items 1 thru 38)	1
1	S207-9064-35	BARREL	1
2	S207-9064-02	RING, wear	1
3	S207-9064-06	RING, C.I.	3
4	T207-9064-36	ROD TUBE ASSEMBLY - (consists of items 2, 3, and 5 thru 11)	1
5	S010-5896	"O" RING	1
6	S207-9064-16	RING, back up	1
7	S207-9064-27	BEARING	1
8	S207-9064-11	"U" RING	1
9	S207-9064-28	RETAINER	1
10	S207-9064-23	WIPER, felt	1
11	S207-4171	PLUG, nylon	4
12	S207-4172	RING, wear	1
13	S207-4175	RING, C.I.	3
14	T207-9064-37	ROD TUBE ASSEMBLY (consists of items 11 thru 13 & 15 thru 20)	1
15	S010-5931	"O" RING	1
16	S207-4179	RING, back up	1
17	S207-4154	BEARING	1
18	S207-4163	"U" RING	1
19	S207-9064-30	RETAINING	1
20	S207-4166	WIPER, felt	1
21	S207-4173	RING, wear	1
22	S207-4176	RING, C.I.	3
23	T207-9046-38	ROD TUBE ASSEMBLY (consists of items 11, 21, 23 and 24 thru 29)	1
24	S010-6877	"O" RING	1
25	S207-4228	RING, back up	1
26	S207-4151	BEARING	1
27	S207-4164	"U" RING	1
28	S207-4158	RETAINER	1
29	S207-4167	WIPER, felt	1
30	S207-4174	RING, wear	1
31	S207-4177	RING, C.I.	3
32	T207-9064	ROD TUBE ASSEMBLY	1
33	S010-5000	"O" RING	1
34	S207-9064-23	RING, back up	1
35	S207-4156	BEARING	1
36	S207-4165	"U" RING	1
37	S207-4159	RETAINER	1
38	S207-4168	WIPER, felt	1
-	S207-7222	KIT, seal (includes items 11, 30, 31, 33, 34, 36 & 39)	
-	S207-7223	KIT, seal (includes items 11, 21, 22, 24, 25, 27 & 29)	
-	S207-7224	KIT, seal (includes items 11 thru 13, 15, 16, 18 & 20)	
-	S207-9064-01	KIT, seal (includes items 2, 3, 5, 6, 8, 10 & 11)	A/R

INSIDE PACKING CYLINDER

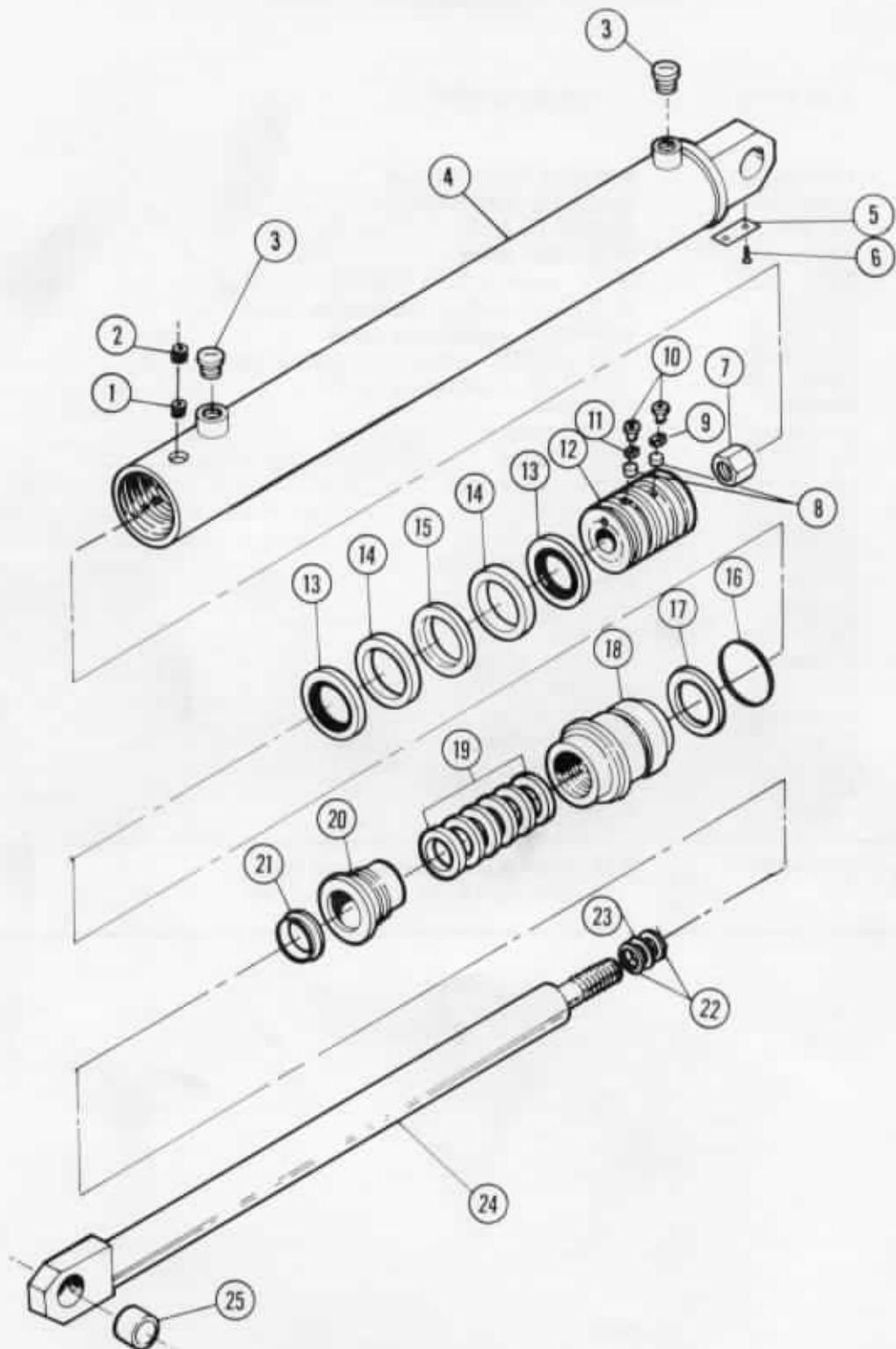




INSIDE CYLINDER
A001-40 94

REF.	PART NO.	DESCRIPTION	REQ'D
1	42-0685-02	PROTECTOR, thread	2
2	A085-0154	BARREL ASSEMBLY	1
3	34-7487	NAME PLATE	1
4	NSS	SCREWS, drive	2
5	NSS	NUT, hex-1 1/2 - 6 U.N.C.	1
6	18-0612	SLEEVE, orifice, cushioning mech.	2
7	25-0451-06	ORIFICE, cushioning mech.	1
8	47-1792-02	RETAINER, orifice, cushioning mech.	2
9	25-0451-05	ORIFICE, cushioning mech.	1
10	24-0699	PISTON	1
11	26-4203-02	RING, piston	2
12	26-3979-09	RING, wear	2
13	26-4151	RING, solid seal	1
14	26-2608-39	"O"-RING	1
15	26-3912-39	RING, back-up	1
16	23-0644	GLAND, packing	1
17	26-4201	V-PACKING	1
18	23-0646	NUT, packing	1
19	26-3977-09	WIPER	1
20	23-0545	GLAND, packing	1
21	NSS	SCREW, set-3/8 - 16 N.C.	1
22	47-0685-02	PLUG, nylon	1
23	26-4186-26	RING, back-up	2
24	26-2156-26	"O"-RING	1
25	A027-4121	ROD ASSEMBLY	1
26	3-3587	BUSHING	1
K272-0949		KIT, soft goods - (consists of items 11 thru 15, 17, 19, 23, 24 and 26)	A/R

OUTSIDE CYLINDER ASSEMBLY



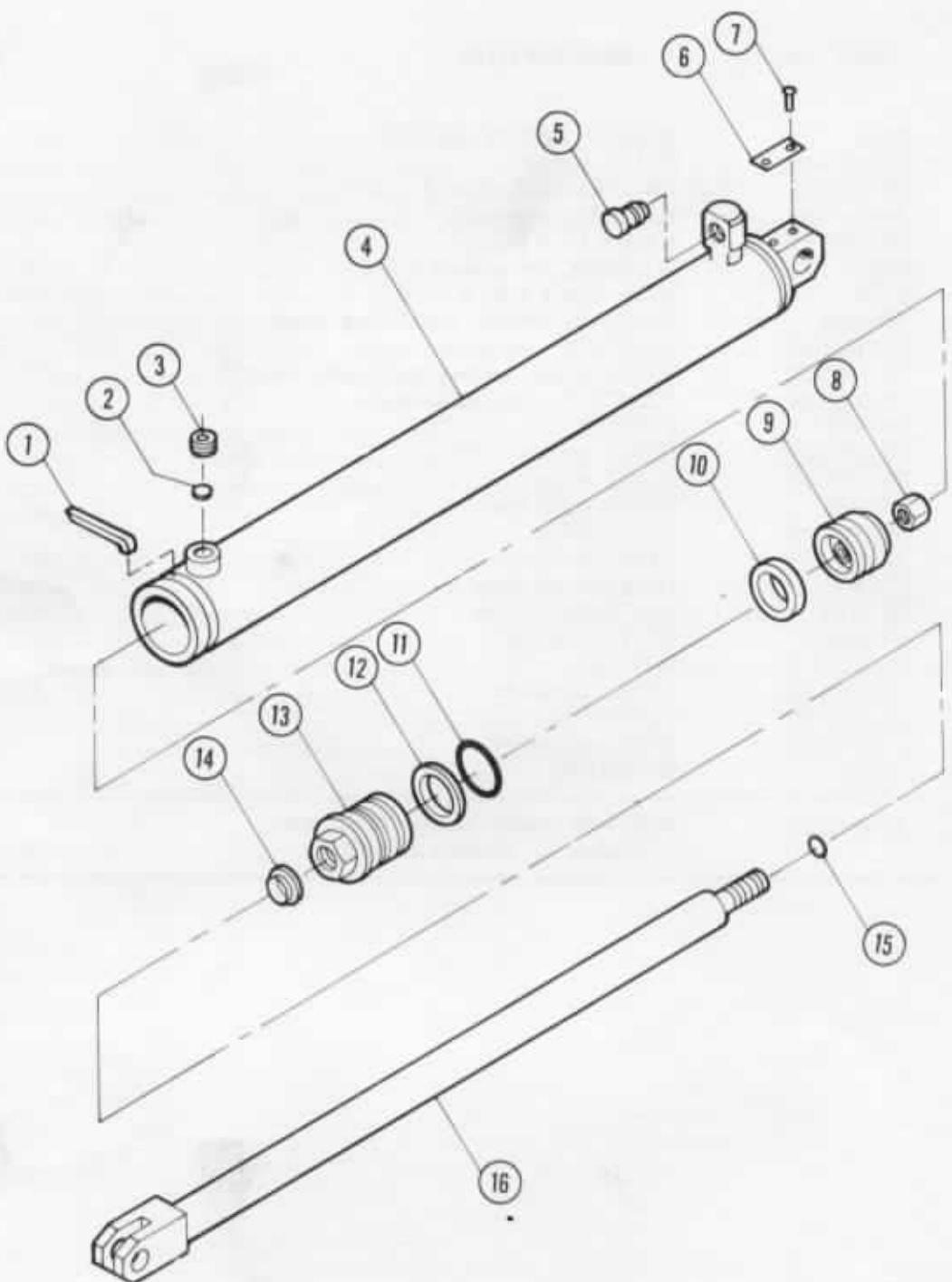


OUTSIDE CYLINDER

A001-4093

REF.	PART NO.	DESCRIPTION	REQ'D
1	NSS	SCREW, set 3/8 - 16 N.C.	1
2	47-0685-02	PLUG, nylon	1
3	42-0685-02	PROTECTOR, thread	2
4	A085-0155	BARREL, assembly	1
5	34-7487	NAME PLATE	1
6	NSS	SCREWS, drive-No. 4 x 1/4	2
7	NSS	NUT, hex-1 1/2 - 6 U.N.C.	1
8	18-0612	SLEEVE, orifice, cushioning mech.	2
9	25-0451-06	ORIFICE, cushioning mech.	1
10	47-1792-02	RETAINER, orifice, cushioning mech.	2
11	25-0451-05	ORIFICE, cushioning mech.	1
12	24-0699	PISTON	1
13	26-4203-02	RING, piston	2
14	26-3979-09	RING, wear	2
15	26-4151	RING, solid seal	1
16	26-2608-39	"O"-RING	1
17	26-3912-39	RING, back-up	1
18	23-0648	GLAND, packing	1
19	26-4194	PACKING, V-set	1
20	23-0649	NUT, packing	1
21	26-3977-10	WIPER	1
22	26-4186-26	RING, back-up	1
23	26-2156-26	"O"-RING	1
24	A027-4123	ROD, assembly	1
25	3-3588	BUSHING	1
-	K272-0948	KIT, soft goods - (consists of items 13 thru 17, 19 thru 23 and 25)	A/R

TAILGATE LIFT CYLINDER



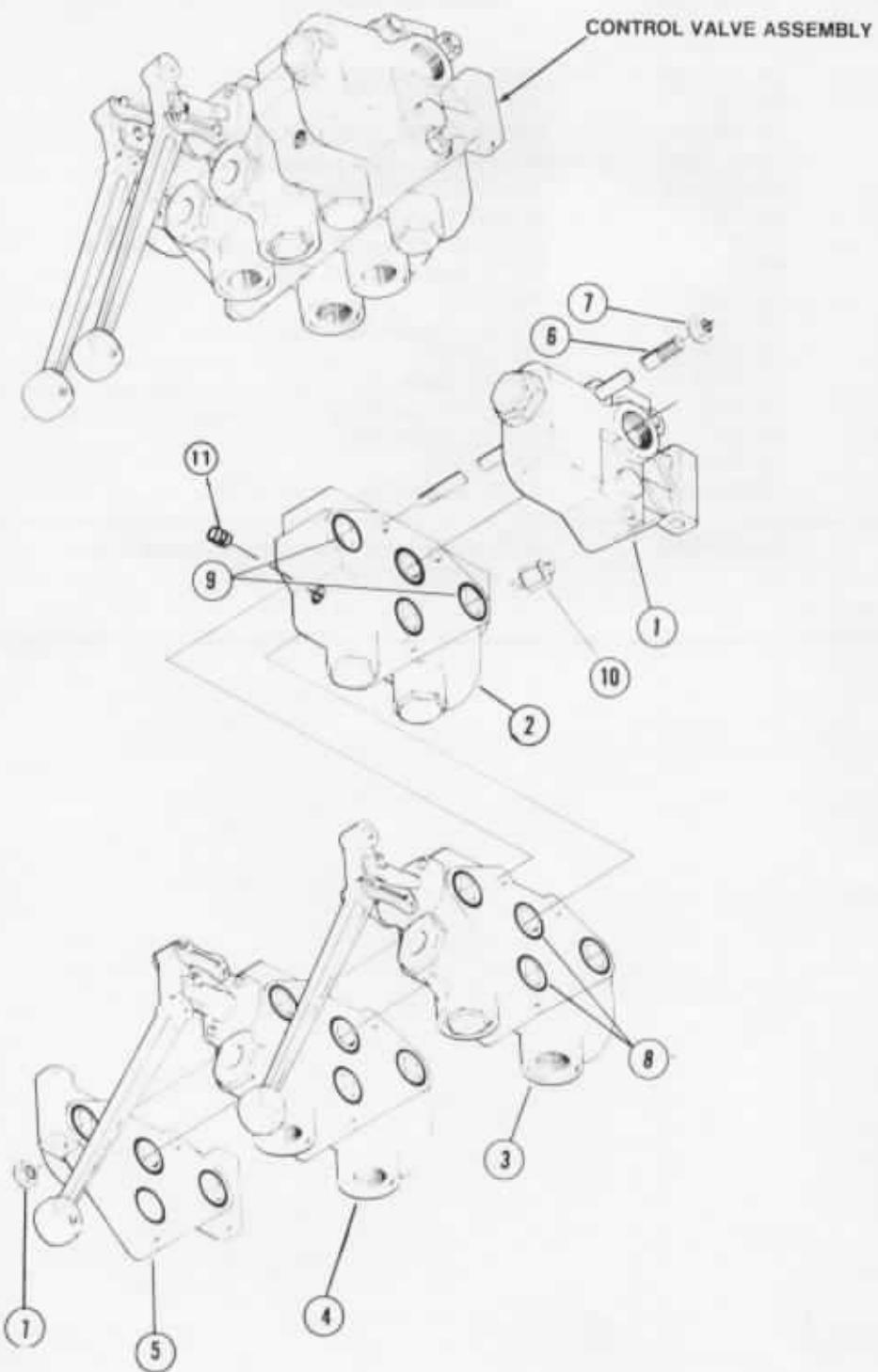


TAILGATE CYLINDER

A001 - 4092

REF.	PART NO.	DESCRIPTION	REQ'D
1	26-4155-06	RING, retaining	1
2	60-0416	FILTER, air	1
3	47-1792-01	RETAINER, orifice-3/8 n.p.t.	1
4	A085-0153	BARREL, outer assembly	1
5	42-0685-11	PROTECTOR, thread	1
6	34-7487	NAMEPLATE	1
7	NSS	SCREW, drive NO. 4 x 1/4 p.k. type u.	2
8	NSS	NUT, hex-7/8 - 14 n.f.	1
9	24-0698	PISTON	1
10	26-3918-07	SEAL, single lip	1
11	26-2608-23	"O"-RING	1
12	26-3912-23	RING, back-up	1
13	23-0643	GLAND, packing	1
14	26-3977-18	RING, exclusion	1
15	26-2156-16	"O" RING	1
16	A027-3881	ROD, assembly	1
K272-0946		KIT, soft goods - (consists of items 1, 2, 10 thru 12, 14 and 15)	A/R

CONTROL VALVE ASSEMBLY

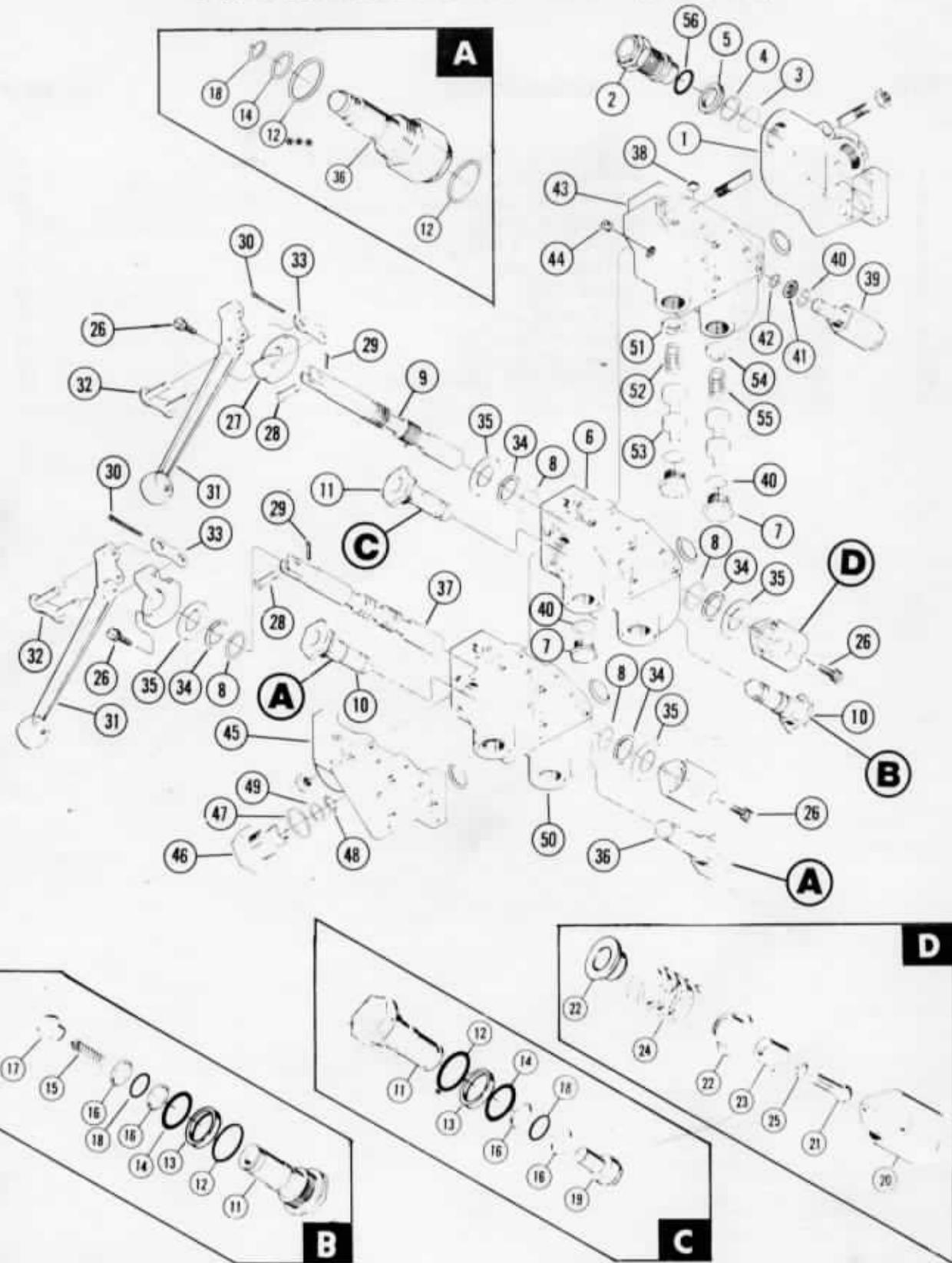




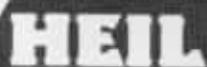
CONTROL VALVE ASS'Y

REF.	PART NO.	DESCRIPTION	REQ'D
1	T207-4656	CONTROL VALVE ASSEMBLY	1
1	S207-6099	COVER, left	1
2	S207-6171	SECTION, unloading	1
3	S207-6028	SECTION, 3 way	1
4	S207-6047	SECTION, 4 way	1
5	S207-6023	COVER, right	1
6	S207-6142	BOLT - TIE	3
7	S207-5556	NUT, stud	6
8	S010-7596	SEAL, section 70D	8
9	S010-7598	SEAL, section 70D	8
10	S207-6172	CARTRIDGE, pilot relief	11
11	S010-7540	PLUG, pipe	1

CONTROL VALVE ASSEMBLY (CONT'D.)



(CONTINUED)

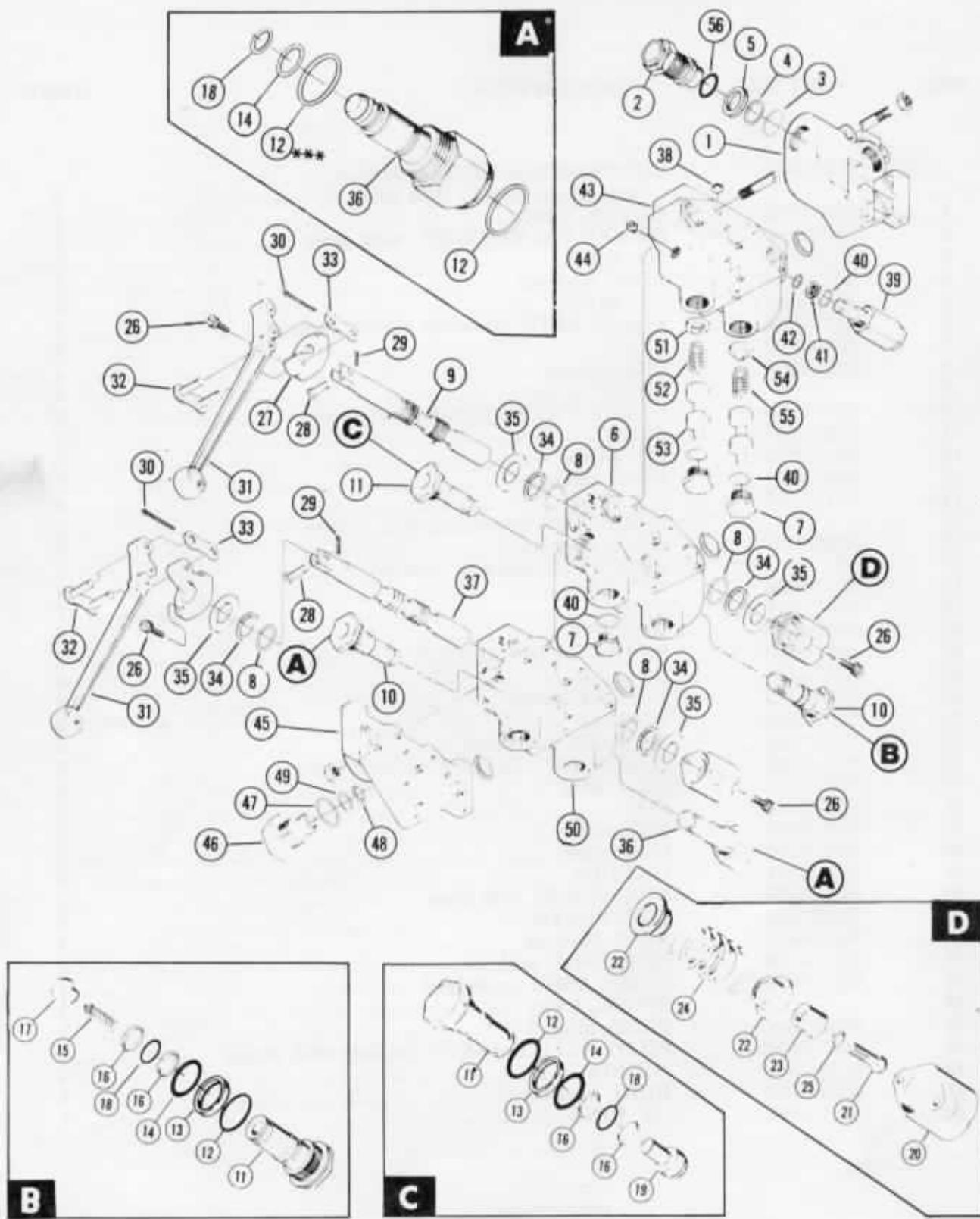


CONTROL VALVE ASSEMBLY (CONT'D)

REF.	PART NO.	DESCRIPTION	REQ'D
	T207-4656	CONTROL VALVE ASSEMBLY (consists of items 1 thru 56)	1
1	S207-6108	COVER, inlet	1
2	S207-6100	RELIEF VALVE COMP., with seals	1
3	S011-5093	"O" RING	1
4	S207-6110	RING, back-up	1
5	S011-5094	"O" RING	1
6	S207-6028	VALVE BODY HONED ASS'Y (complete)	1
7	S010-7558	PLUG	3
8	S207-6030	SEAL, spool	4
9		SPOOL, 3 way	1
10	S207-7974	CHECK VALVE COMP., with seals	2
11	S207-5529	PLUG	2
12	S010-7572	"O" RING	5
13	S207-5521	RING, back-up	4
14	S010-7593	"O" RING	4
15		SPRING, lift check (included in item 10)	1
16	S207-5527	RING, back-up	8
17		POPPET (included in item 10)	1
18	S011-5086	"O" RING	4
19	S207-5548	PLUG	1
20	S207-5533	BONNET	2
21	S011-5333	SCREW - 5/16" - 18 x 3/4"	2
22	S207-5534	COLLAR	4
23	S207-5535	COLLAR, spool	3
24	S207-5536	SPRING	2
25	S010-7103	WASHER, lock 5/16"	2
26	S010-4896	SCREW 1/4" - 20 x 7/8" w/lockwasher	8
27	S207-5540	BRACKET	2
28	S207-5544	PIN	2
29	S207-5543	PIN, cotter	2
30	S010-6160	PIN, cotter	2
31	S207-5541	HANDLE	2
32	S207-5539	SIDE PLATE, with pins	2
33	S207-5538	SIDE PLATE	2
34	S207-6034	RING, back-up	4
35	S207-6035	RETAINER, seal	4
36	S207-6059	COMP. ASS'Y (complete)	1
37		SPOOL, 4-way	1
38	S010-7541	PLUG, pipe - 3/8"	1
39	S207-6172	PILOT RELIEF ASS'Y (complete with seals)	1
40	S010-7559	"O" RING	4
41	S207-6082	RING, back-up	1
42	S010-4894	"O" RING	1

(CONTINUED)

CONTROL VALVE ASSEMBLY (CONT'D)

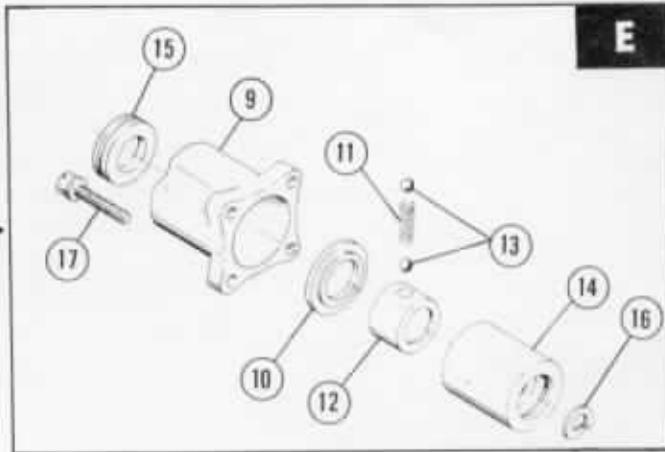
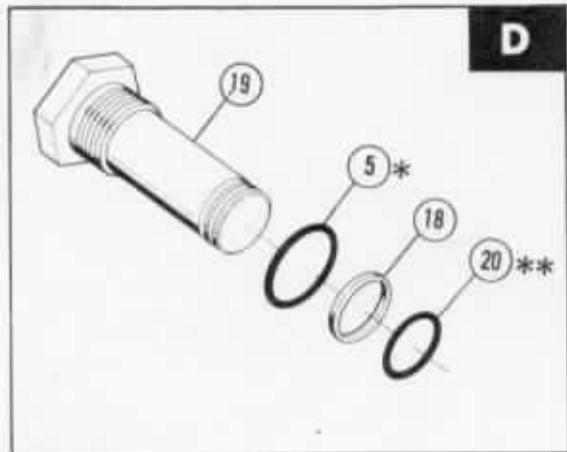
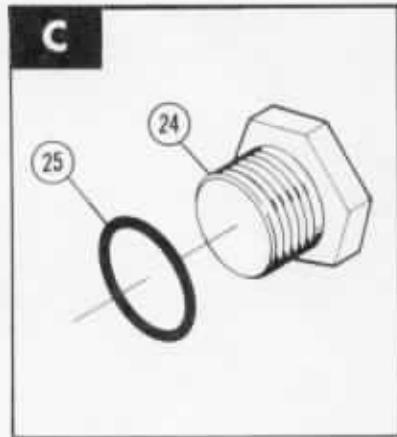
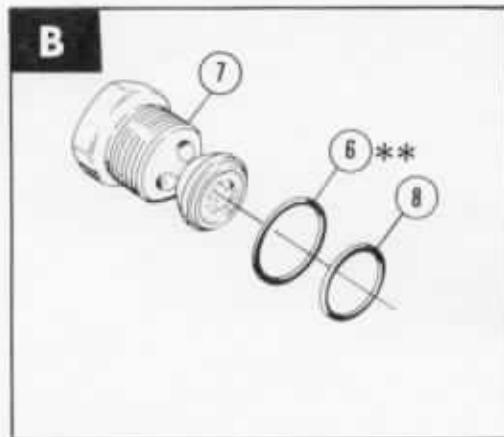
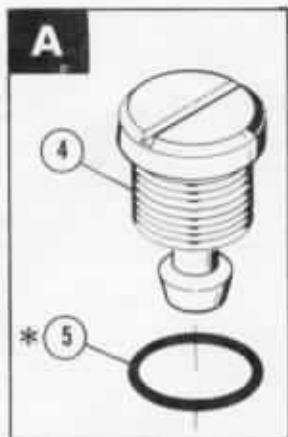
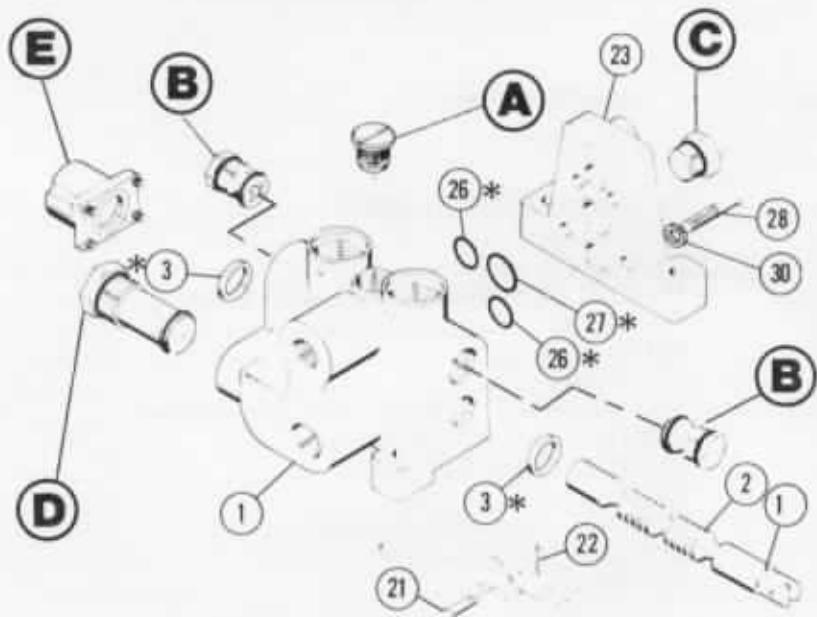




CONTROL VALVE ASSEMBLY (CONT'D.)

REF.	PART NO.	DESCRIPTION	REQ'D
43	S207-6080	HOUSING HONED ASS'Y	1
44	S010-7540	PLUG, pipe 1/4"	1
45	S207-5510	HOUSING, outlet	1
46	S207-6024	POWER BEYOND COMP., with seals	1
47	S010-7573	"O" RING	1
48	S207-5513	RING, back-up	1
49	S011-5088	"O" RING	1
50	S207-6047	VALVE BODY HONED ASS'Y (complete)	1
51	S207-6085	SPRING RETAINER (silver)	1
52	S207-6084	SPRING - RELIEF (silver)	1
53		SPOOL	2
54	S207-6528	SPRING - RETAINER (black)	1
55	S207-6531	SPRING - UNLOADING (black)	1
56	S010-7572	"O" RING	1

TAILGATE CONTROL VALVE

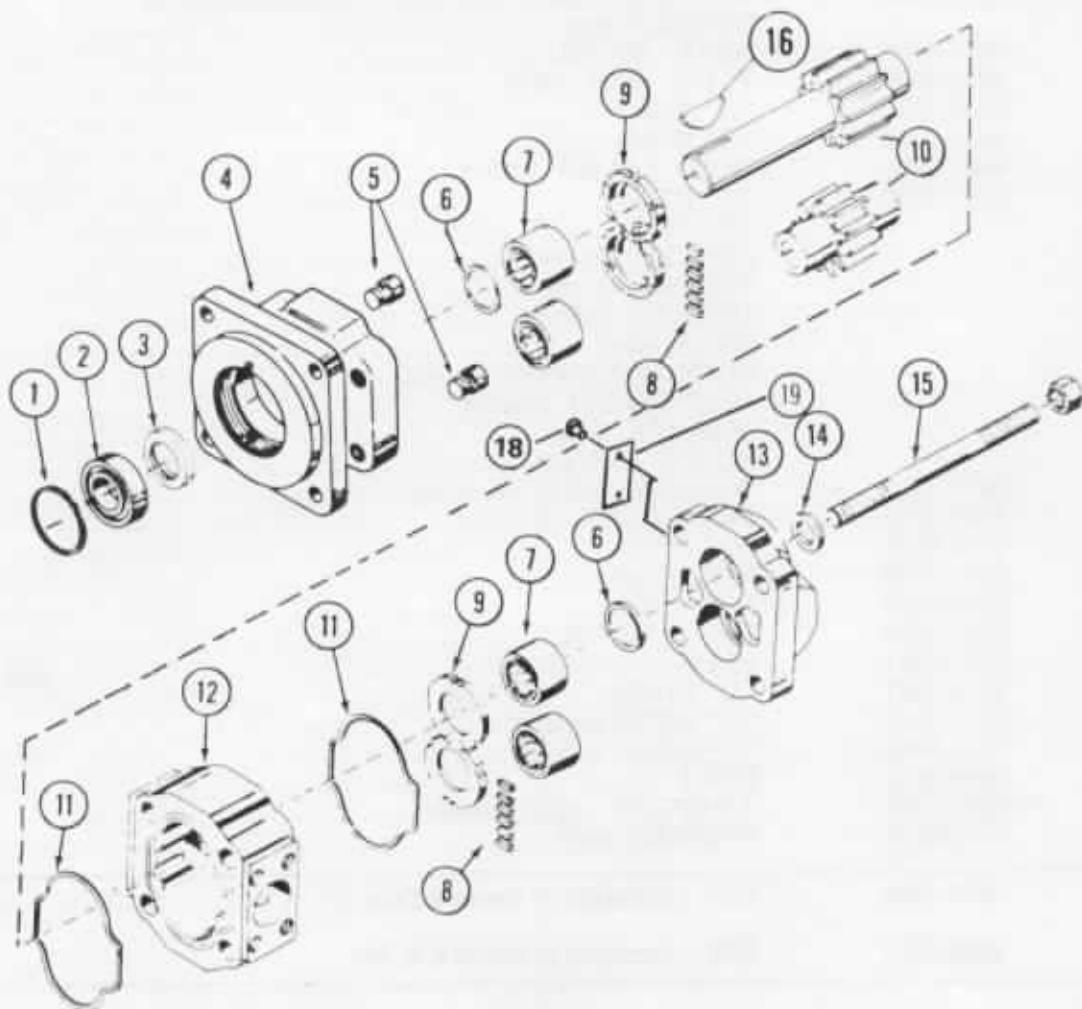




TAILGATE CONTROL VALVE

REF.	PART NO.	DESCRIPTION	REQ'D
-	T207-2353	VALVE, tailgate control - (consists of items 1 thru 30)	1
1	T207-5564	HOUSING ASS'Y, end inlet - (includes item 2)	1
2		SPOOL, 4 way	1
3	S207-5566	SEAL - SPOOL	2
4	S207-5602	PLUG, check ass'y	1
5	S010-7573	"O" RING	2
6	S011-5094	"O" RING	1
7	S207-5598	BODY RELIEF ASS'Y	1
8	S011-5093	"O" RING	1
9	-	BONNET	1
10	-	SPACER, detent	1
11	-	SPRING, detent	1
12	-	DETENT, holder	1
13	-	BALL, steel	2
14	-	SLEEVE, 3-position detent	1
15	-	DIAPHRAGM, bonnet	1
16	-	WASHER, lock	2
17	-	SCREW, lock fill	4
18	S010-8952	WASHER, teflon, back up	1
19	S207-5586	PLUG ASS'Y, no relief	1
20	S011-5091	"O" RING	1
21	S207-5588	PIN, handle	1
22	S207-5589	PIN, cotter	1
23	S207-5590	SECTION, left	1
24	S207-5591	PLUG, conversion	1
25	S010-7527	"O" RING	1
26	S011-5092	"O" RING, section	2
27	S011-5095	"O" RING, section	1
28	S010-2582	BOLT	4
29	S207-5597	ADAPTOR, valve handle	1
30	S010-2759	WASHER, lock	4
-	S207-5604	KIT - (consists of items 9 thru 17)	AR
-	S207-5605	KIT - (consists of items 6 & 20)	AR

26 GPM CAST IRON BI-ROTATION

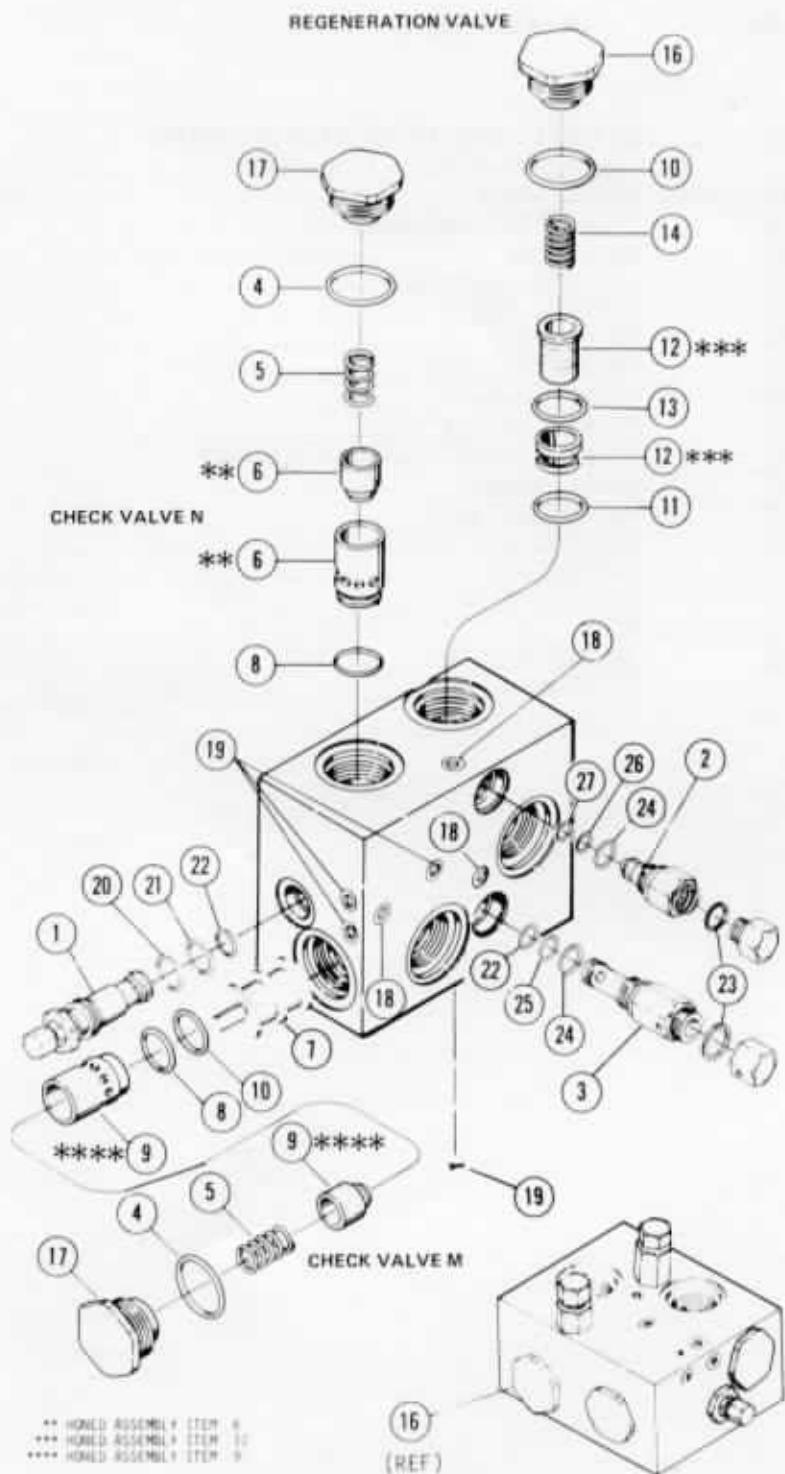




26 CPM CAST IRON BI-ROTATION

REF.	PART NO.	DESCRIPTION	REQ'D
	T207-9310	26 CPM CAST IRON BI-ROTATION (consists of items 1 thru 16)	1
1	S207-9317	RING, snap	1
2	S207-9316	BEARING, outboard	1
3	S207-9104	SEAL, lip	1
4	S207-9311	COVER, shaft end	1
5	S207-9106	CHECK ASS'Y	2
6	S207-9102	SEAL, ring	2
7	S207-9103	BEARING, roller	4
8	S207-9105	SEAL, pocket	12
9	S207-9314	PLATE, thrust	2
10	S207-9315	DRIVE SHAFT AND GEAR SET	1
11	S207-9111	SEAL, gasket	2
12	S207-9313	HOUSING, gear	1
13	S207-9312	COVER, port end	1
14	NSS	WASHERS	4
15	NSS	SCREW, cap	4
16	NSS	KEY	1
17	S010-8455	NAME PLATE	1
18	NSS	SCREW, drive	2

MANIFOLD ASSEMBLY

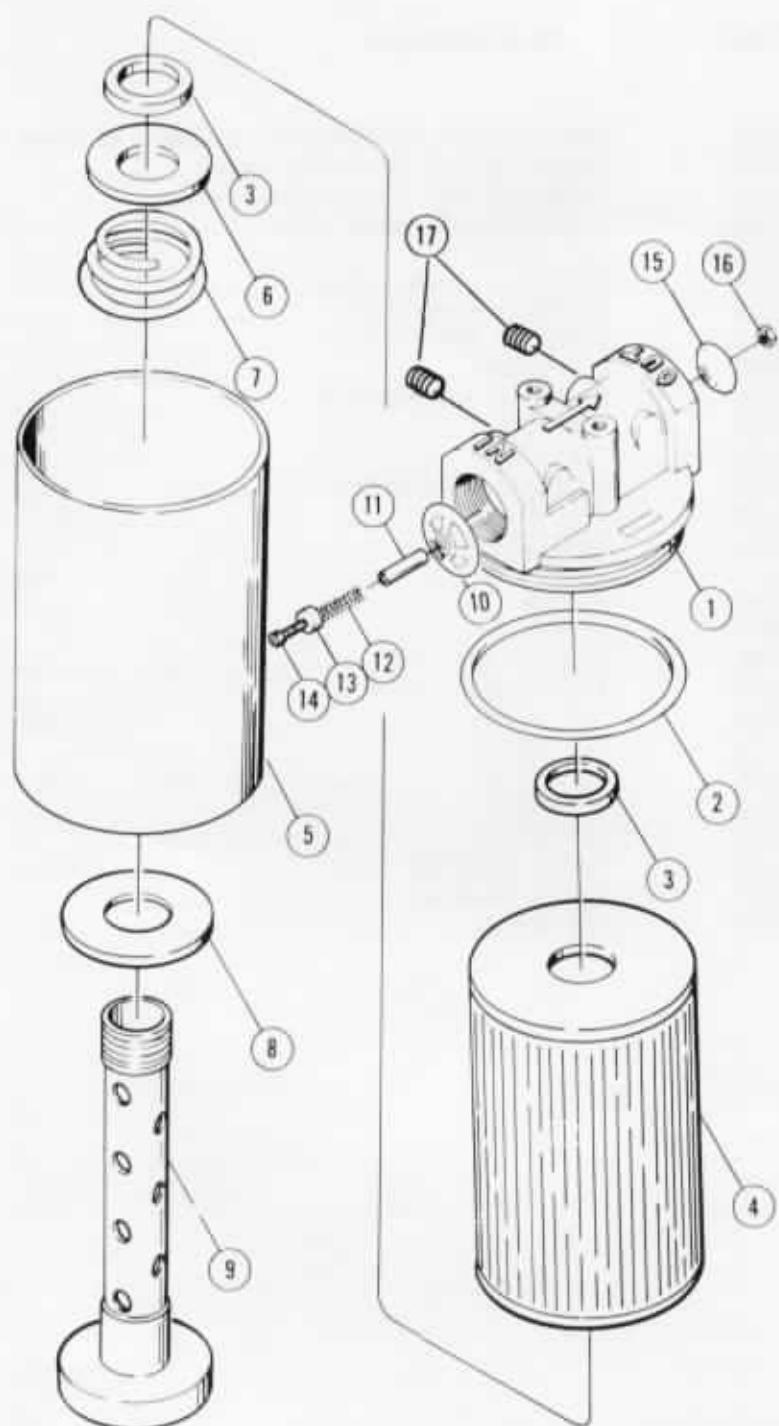




MANIFOLD ASSEMBLY

REF.	PART NO.	DESCRIPTION	REQ'D
1	T207-2372	MANIFOLD ASSEMBLY - (consists of items 1 thru 28)	1
1	S207-4238	CARTRIDGE, unloading valve	1
2	S207-4239	CARTRIDGE, regeneration valve	1
3	S207-4240	CARTRIDGE, relief valve	1
4	S010-7574	"O" RING	2
5	S207-4242	SPRING, check valve	2
6	S207-4243	HONED ASSEMBLY	1
7	S207-4244	PISTON ASSEMBLY	1
8	S011-5093	"O" RING	2
9	S207-4246	SLEEVE ASSEMBLY	1
10	S010-5379	"O" RING	2
11	S011-5129	"O" RING	1
12	S207-4249	HONED ASSEMBLY	1
13	S011-5130	"O" RING	1
14	S207-4251	SPRING	1
15		POPPET	1
16	S207-5386	PLUG	1
17	S207-5387	PLUG	2
18	S010-0026	PLUG, pipe - 1/8"	3
19	S010-0029	PLUG, pipe - 1/4"	4
20	S010-7624	"O" RING	1
21	S010-5503	"O" RING	1
22	S011-5087	"O" RING	1
23	S207-4241	GASKET	2
24	S010-7559	"O" RING	1
25	S207-4245	RING, back-up	2
26	S207-4248	RING, back-up	2
27	S207-4250	"O" RING	1

OIL FILTER ASSEMBLY

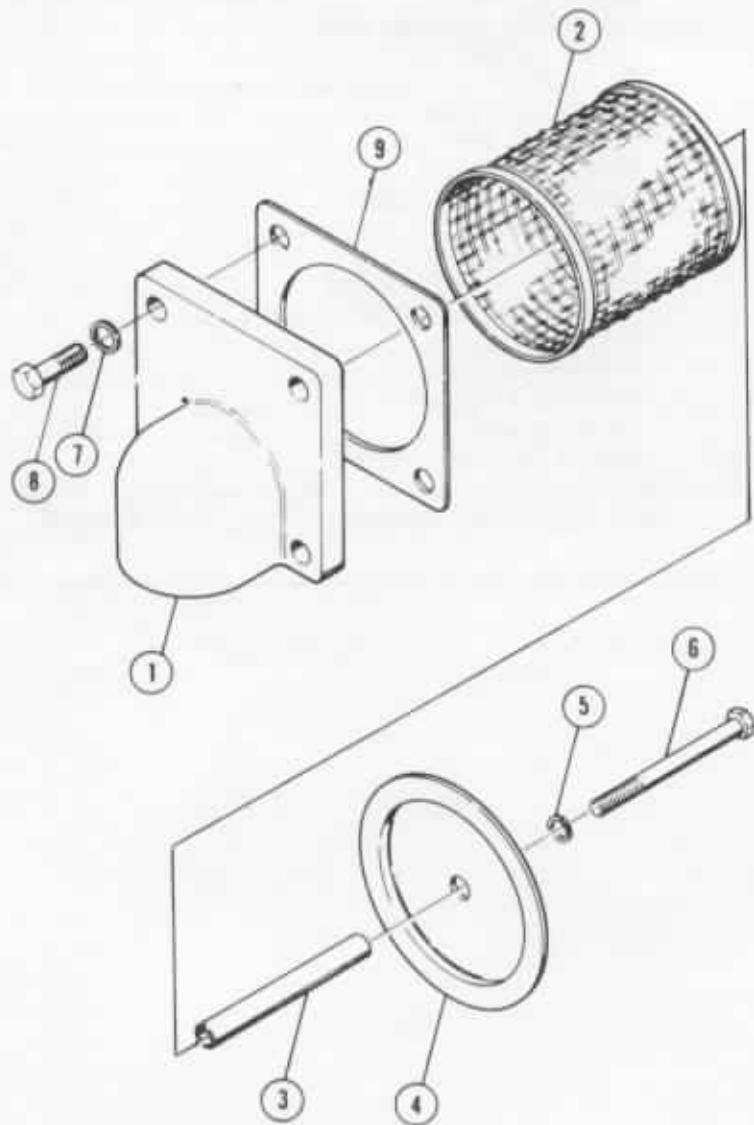




OIL FILTER ASSEMBLY

REF.	PART NO.	DESCRIPTION	REQ'D
-	T207-2439	OIL FILTER ASSEMBLY (consists of items 1, 5 thru 7, 9 thru 17)	1
1	S207-5388	CASTING, head	1
2	-	"O" RING, housing seal	1
3	-	SEAL, rubber	2
4	-	ELEMENT	1
5	S207-5390	HOUSING, filter	1
6	S207-5408	WASHER, back-up	1
7	S207-5391	SPRING, conical	1
8	-	GASKET, center post	1
9	S207-5389	POST, center	1
10	S207-5394	GUIDE, by-pass	1
11	S207-5393	SPACER, by-pass valve	1
12	S207-5392	SPRING, by-pass (15 P.S.I.)	1
13	S207-5396	CAP, by-pass	1
14	S207-5397	SCREW, by-pass	1
15	S207-5395	VALVE, by-pass	1
16	S207-5398	NUT, by-pass	1
17	S010-0001	PLUG, pipe 1/8" NPTF	2
-	S207-4799	KIT, soft goods - (consists of items 2, 3, 4, and 8)	A/R

OIL STRAINER ASSEMBLY

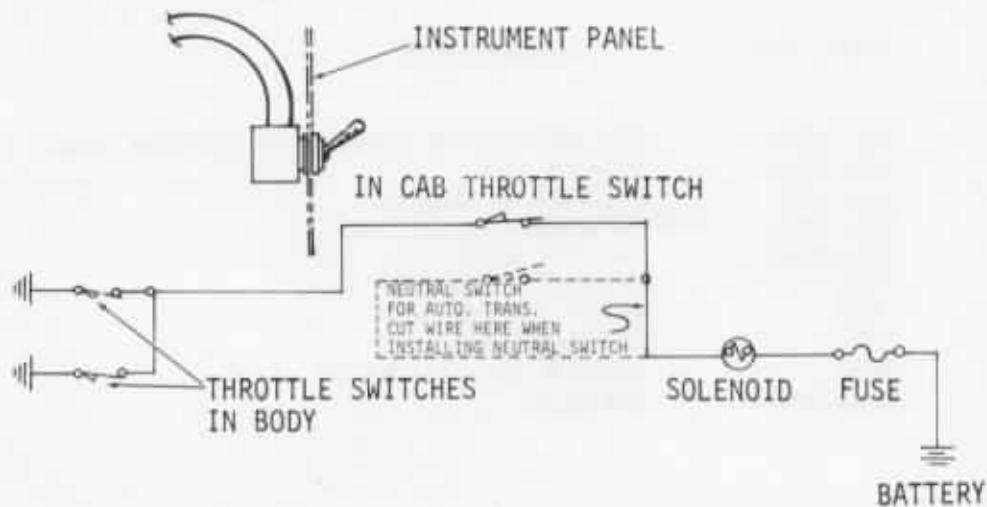




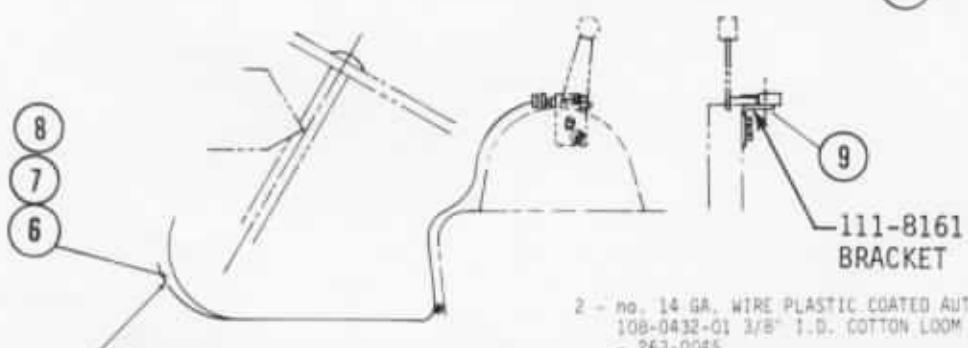
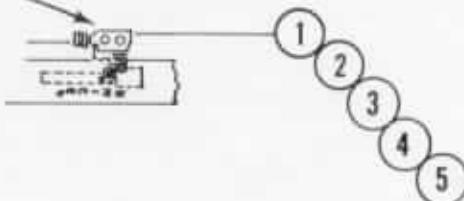
OIL STRAINER ASSEMBLY

REF.	PART NO.	DESCRIPTION	REQ'D
-	T207-3645	OIL STRAINER ASSEMBLY (includes items 1 thru 6)	1
1	S207-3644	PLATE, end	1
2	S204-8887	FILTER, oil element	1
3	S204-8890	SPACER	1
4	S204-8891	COVER, filter	1
5	NSS	WASHER, lock 3/8"	1
6	NSS	BOLT, 3/8 - 26" x 5"	1
7	NSS	WASHER, lock 1/2"	4
8	NSS	SCREW, cap-1/2 - 20" x 1 - 1/4"	4
9	S204-8885	GASKET	1

CAB AND ENGINE WIRING



108-1595 LIMIT SWITCH
2- RD. HD. MACH. SCREWS
NO. 8-32 NC x 1 1/2
2- HEX NUT, no. 8-32 NC.
2- LOCKWASHER, no. 8
108-1759-08 CORD GRIP

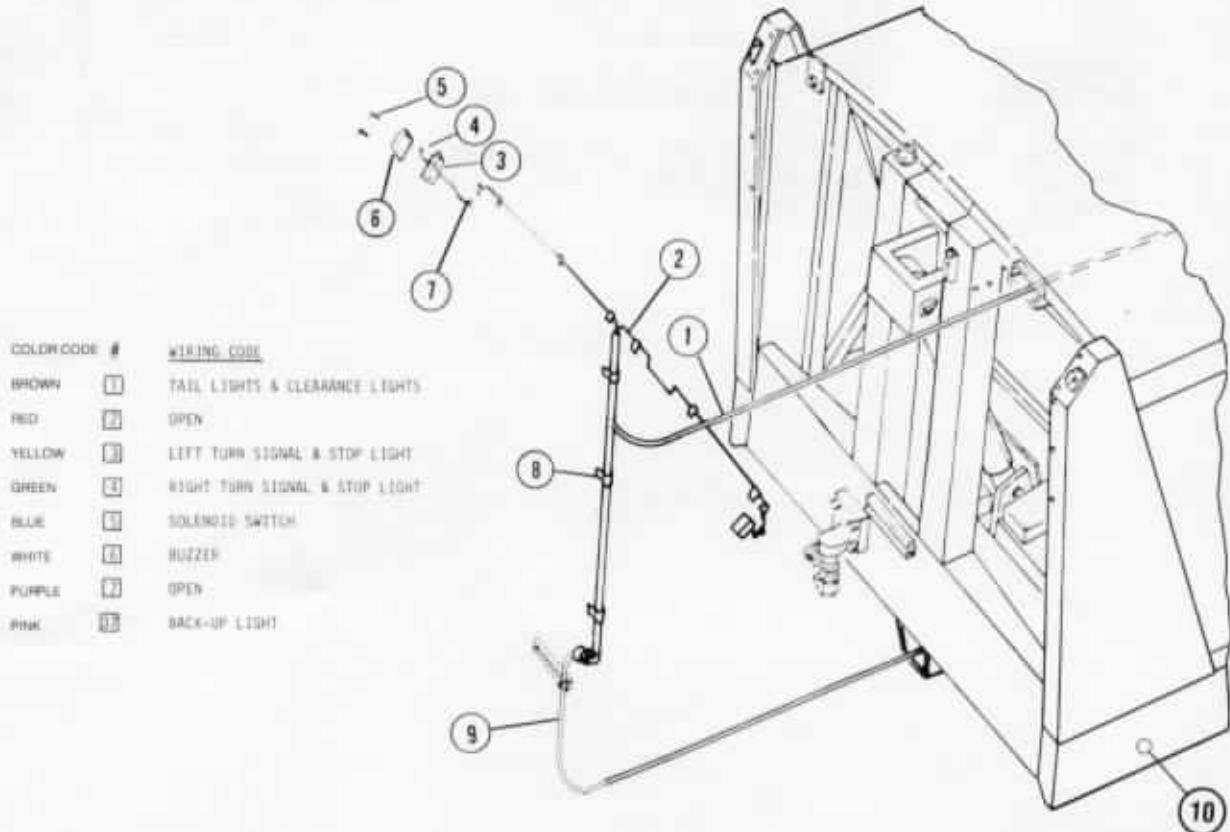
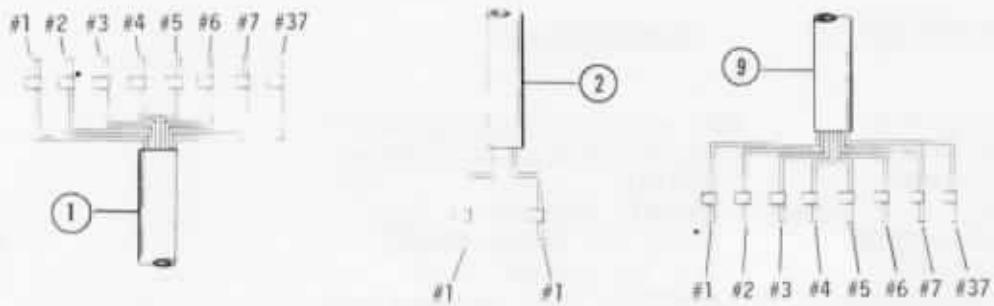




CAB AND ENGINE WIRING

REF.	PART NO.	DESCRIPTION	REQ'D
-	K108-3638	KIT, cab and engine electrical (Includes all items listed below)	
	K108-3639	DECAL	1
	212-0935	STRAP - CLAMP	12
	36-1115	WIRE, No. 14 GA. (WHT)	16 Ft.
	108-0432-06	1/4" I.D. LOOM	15 Ft.
	108-2873	CONNECTOR, insulated butt	6
	108-1110-02	TERMINAL, spade tongue	4
	108-2272-02	SWITCH, cab control	1
	108-1814	DECAL, warning	1
1	212-0735	SWITCH, limit	1
1	108-1595	SCREW, mach., rd. hd. - No. 8 - 32	
2	NSS	N.C. x 1-1/2" Lg.	2
3	NSS	NUT, hex - No. 8 - 32 N.C.	2
4	NSS	WASHER, lock - No. 8	2
5	108-1759-08	GRIP, cord	1
6	108-0432-01	WIRE, plastic coated, auto - No. 14 Ga. - 6 ft.	2
7	263-0045	COTTON LOOM - 3/8" I.D. - 6 ft.	1
8	108-0025	RING TERMINAL	2
9	111-8161	BRACKET	1

BODY WIRING

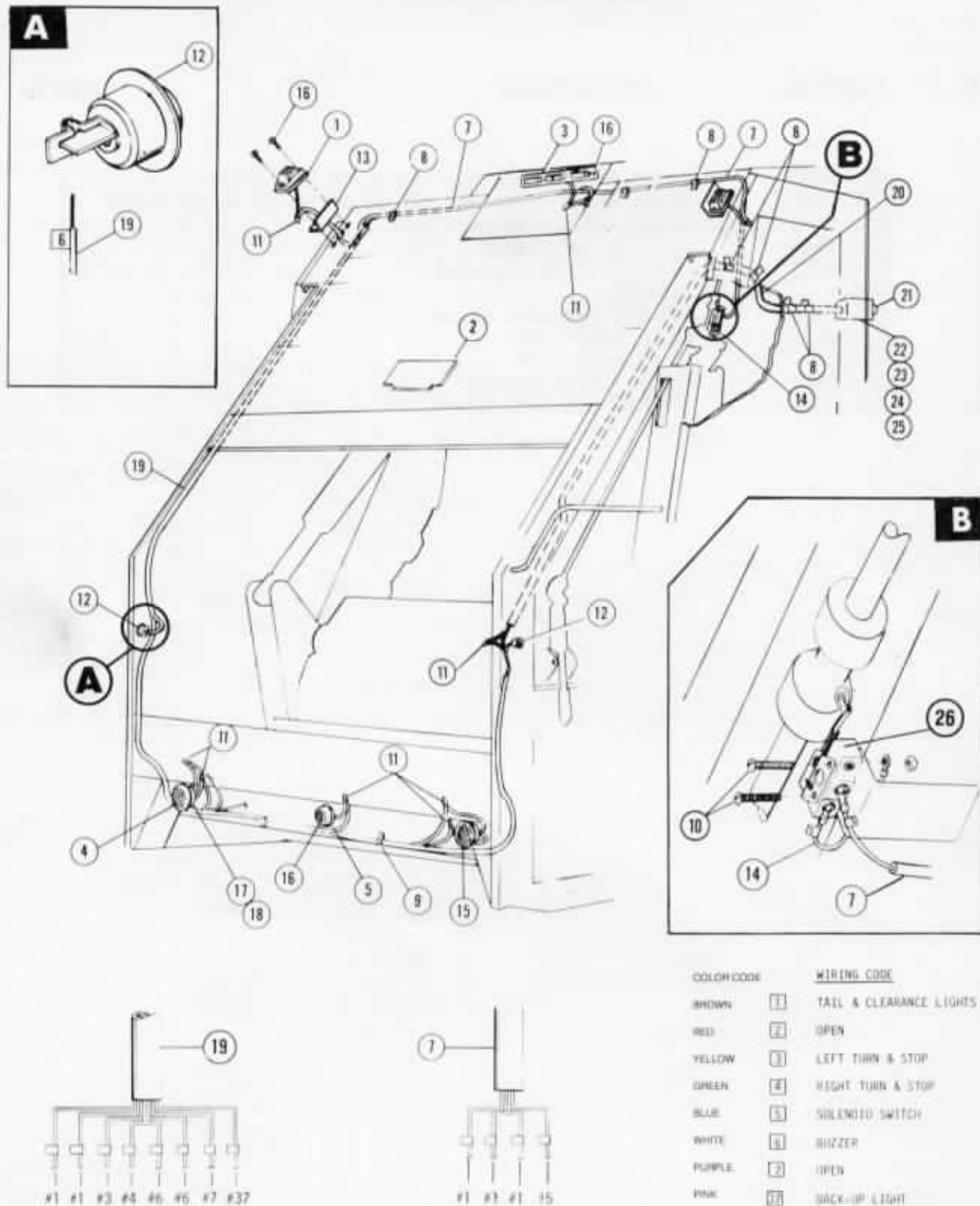




BODY WIRING

REF.	PART NO.	DESCRIPTION	REQ'D
1	S207-9695	WIRE ASS'Y, body roof - (32 cu. yd. unit only)	1
	S207-9449	WIRE ASS'Y, body roof - (16, 18, 20 and 25 cu. yd. units)	1
2	S207-9452	WIRE ASS'Y, clearance light	1
3	S207-3658	ANGLE, light guard	2
4	S207-1333	CONNECTOR, insulated	2
5	NSS	SCREW	8
6	S207-3394	LIGHT, clearance, amber	4
7	36-1249	CLIP, steel - 5/8"	14
8	36-7561	CLIP, steel - 7/8"	3
9	S207-9448	WIRE ASS'Y, chassis	1
10	108-1113	THROTTLE Adv. Swtch	1

TAILGATE WIRING

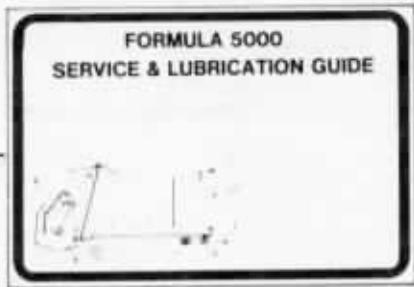
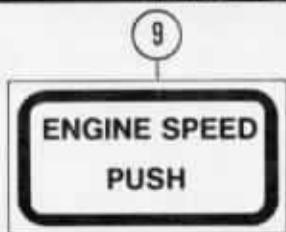
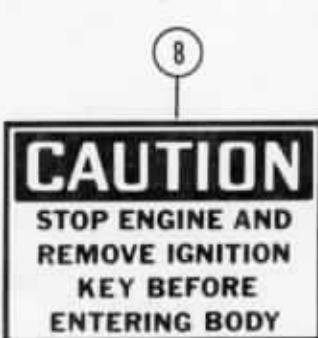




TAILGATE WIRING

REF.	PART NO.	DESCRIPTION	REQ'D
1	S207-3393	RED CLEARANCE LIGHT	2
2	212-1209	NAME PLATE	1
3	S207-3395	3 LIGHT BAR	1
4	S207-2837-2	LIGHT - STOP AND TURN, TAIL & LICENSE	1
5	S207-2838	BACK-UP LIGHT	1
6		CONDUIT ASSEMBLY SUPPLY WITH ITEM 19	1
7	S207-9451	CLEARANCE LIGHT AND SOLENOID LOOM	1
8	36-1249	STEEL CUP - 5/8	12
9	S206-7561	STEEL CUP - 7/8	8
10	NSS	CAPSCREW, H.H.-1/2" - 20 x 3/4	2
11	S207-1333	INSULATED CONNECTOR	8
12	S205-1602	BUZZER BUTTON	2
13	S207-3658	LIGHT GUARD	2
14	S204-5931	WIRE - GROUND	1
15	S207-2837-1	LIGHT - STOP, TAIL, TURN	1
16	NSS	SCREW, PAN HEAD-no. 10 - 24 x 3/4	8
17	NSS	HEX NUT - 1/4 - 20	4
18	NSS	LOCK WASHER-1/4	4
19	S207-9450	MAIN LINE LOOM	1
20	S108-3636	HARNESS	1
21	S108-3149	SWITCH, push button	1
22	S108-3150	BOX, outlet	1
23	S108-3151	CLOVER, outlet box	1
24	NSS	SCREW, cap H.H.-1/2" - 20 x 3/4"	2
25	NSS	NUT, hex, lock-1/2" - 20	2
26	S203-3580	SWITCH	1

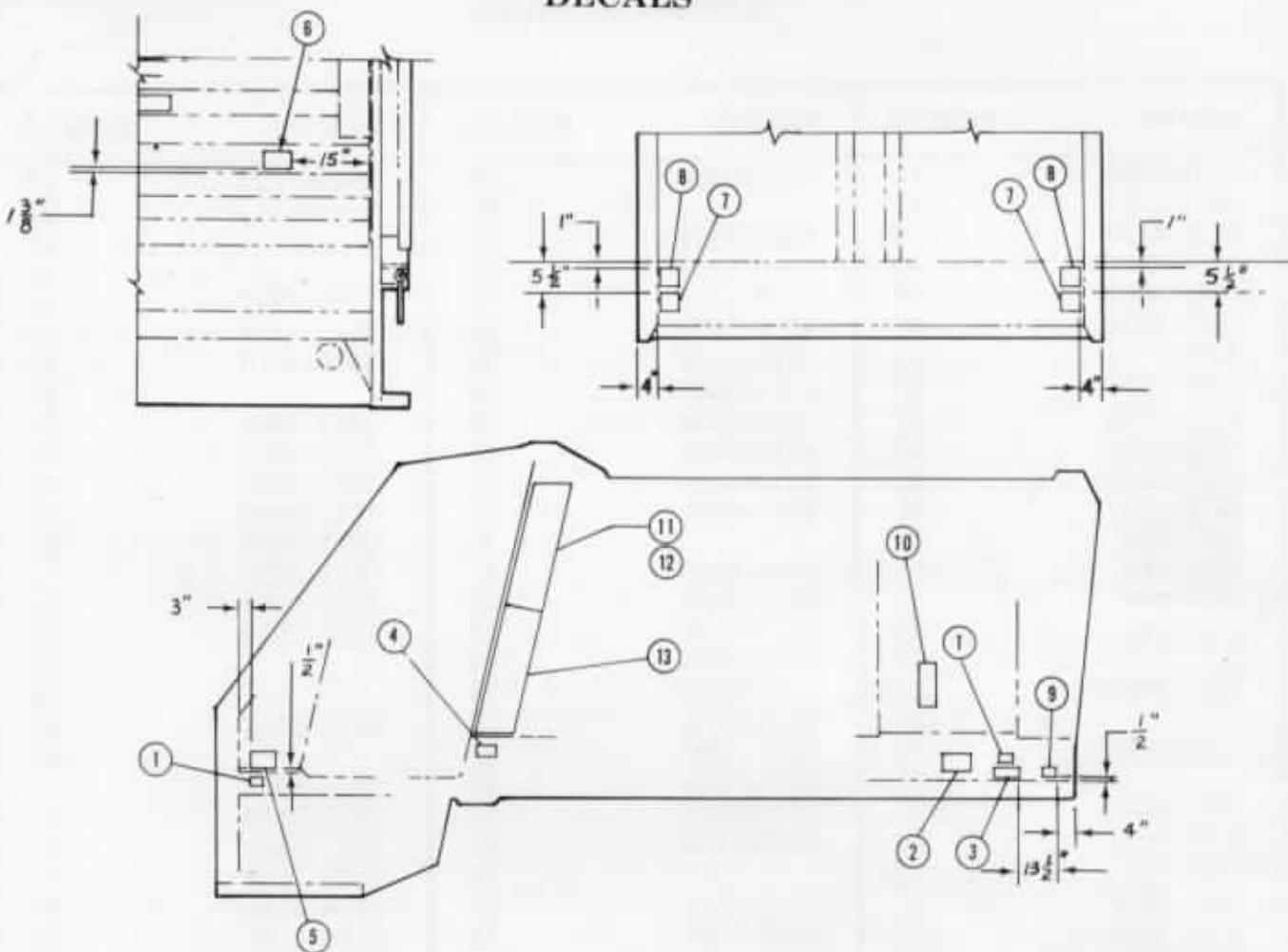
DECALS



6

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HEIL**DECALS**

REF.	PART NO.	DESCRIPTION	REQ'D
1	212-0735	DECAL, warning notice	2
2	212-1204	DECAL, service and lube chart	1
3	212-1203	INSTRUCTION PLATE, ejector & tailgate	1
4	212-1114	DECAL, danger	2
5	212-1202	DECAL, operation	1
6	212-1115	DECAL, danger	2
7	212-1205	DECAL, caution	2
8	212-1117	DECAL, caution	2
9	212-1206	DECAL, engine speed	1
10	212-0998	DECAL, cat emblem	2
11	212-0995	DECAL, HEIL R.H.	1
12	212-0996	DECAL, HEIL L.H.	1
13	212-0997	DECAL	2

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