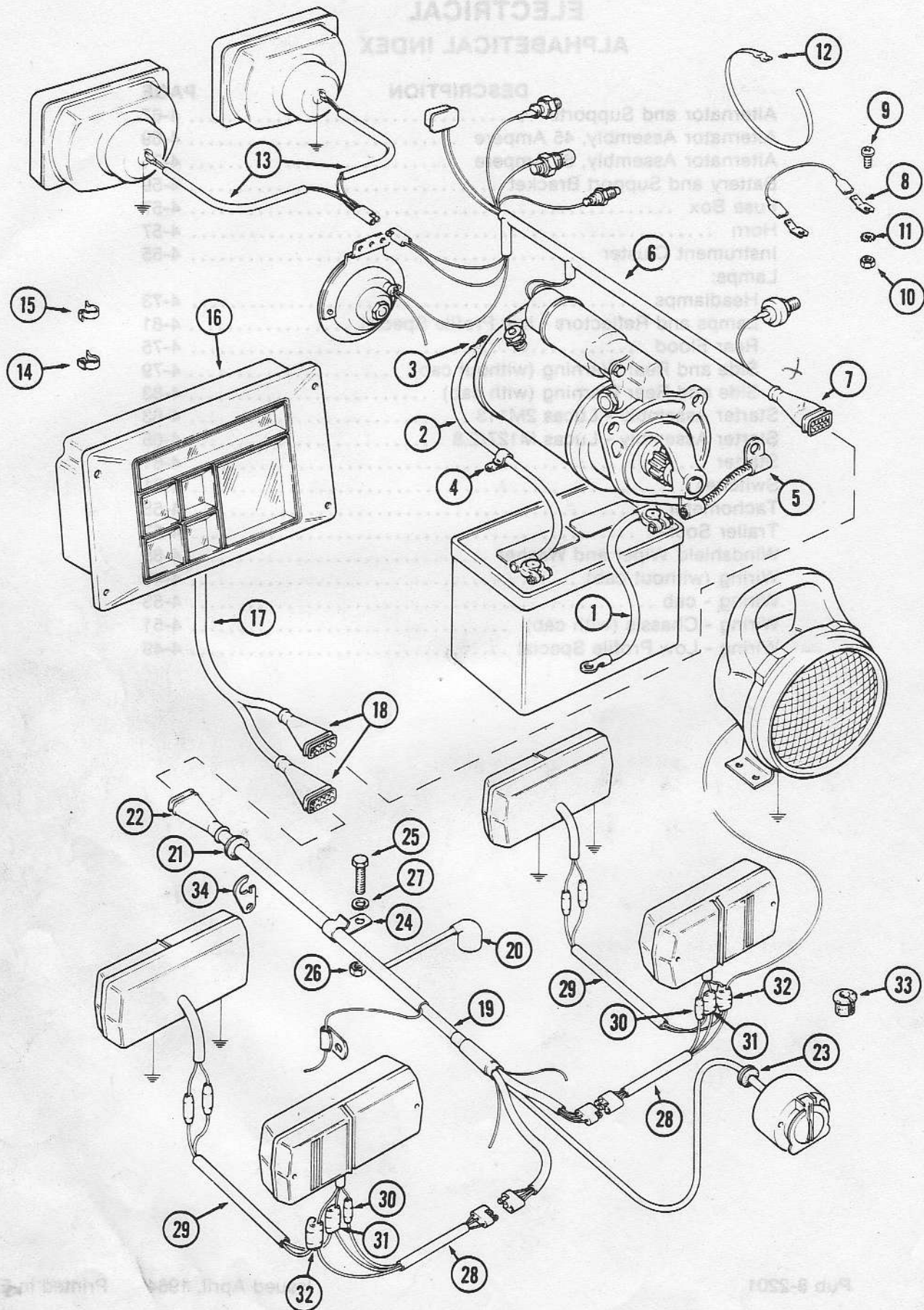


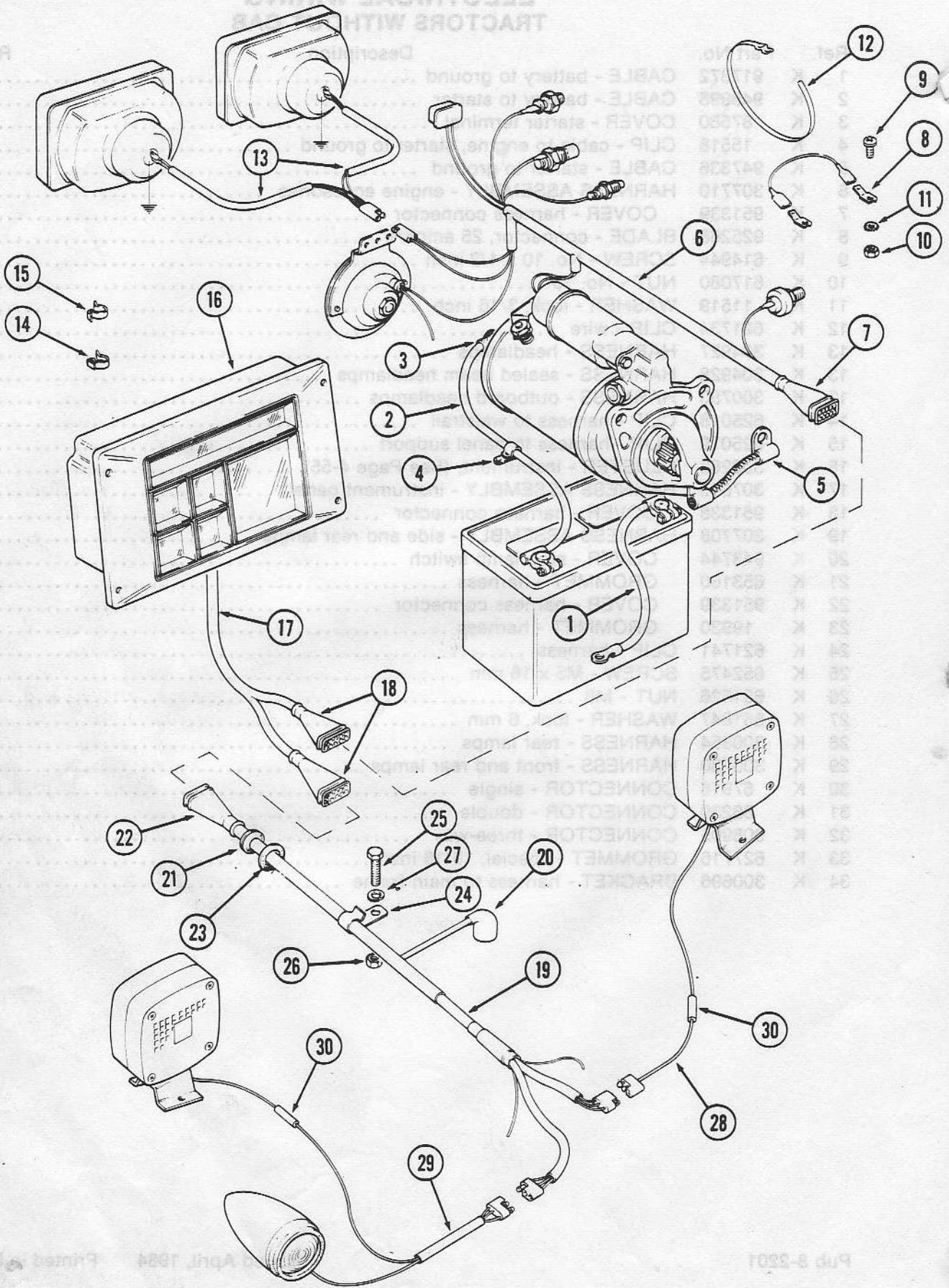
1394 TRACTOR
ELECTRICAL
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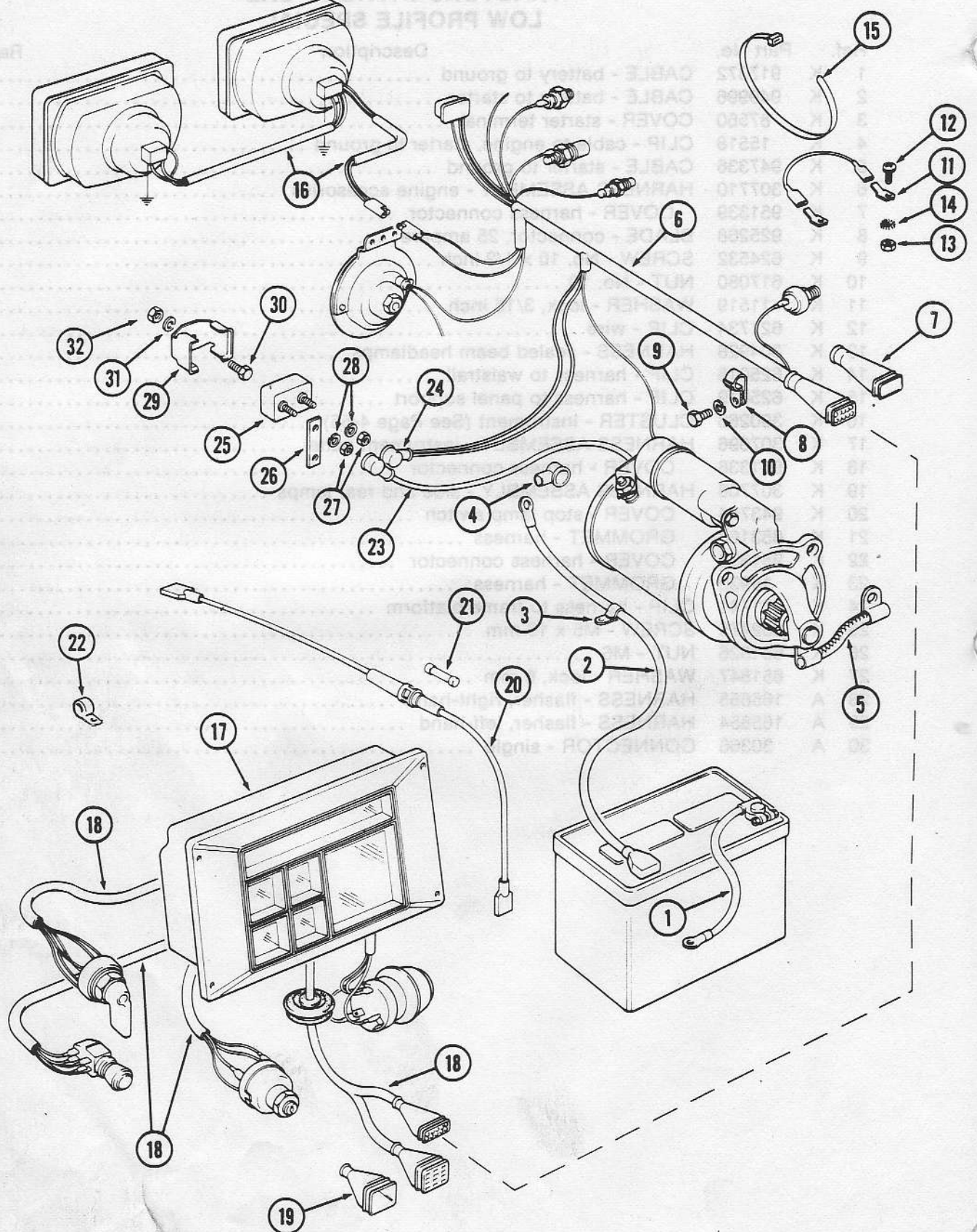
ELECTRICAL WIRING TRACTORS WITHOUT CAB

Ref.	Part No.	Description	Required
1	K 917372	CABLE - battery to ground	1
2	K 949996	CABLE - battery to starter	1
3	K 87560	COVER - starter terminal	1
4	K 15518	CLIP - cable to engine, starter to ground	1
5	K 947336	CABLE - starter to ground	1
6	K 307710	HARNESS ASSEMBLY - engine accesories	1
7	K 951339	COVER - harness connector	1
8	K 925268	BLADE - connector, 25 ampere	1
9	K 614944	SCREW - No. 10 x 1/2 inch	1
10	K 617080	NUT - No. 10	1
11	K 11519	WASHER - lock, 3/16 inch	1
12	K 621734	CLIP - wire	3
13	K 304927	HARNESS - headlamps	1
13	K 304928	HARNESS - sealed beam headlamps	1
13	K 300750	HARNESS - outboard headlamps	1
14	K 625018	CLIP - harness to waistrail	2
15	K 625019	CLIP - harness to panel support	2
16	K 300268	CLUSTER - instrument, (See Page 4-55)	1
17	K 307696	HARNESS ASSEMBLY - instrument panel	1
18	K 951338	COVER - harness connector	2
19	K 307708	HARNESS ASSEMBLY - side and rear lamps	1
20	K 943744	COVER - stop lamp switch	1
21	K 653160	GROMMET - harness	1
22	K 951339	COVER - harness connector	1
23	K 19930	GROMMET - harness	2
24	K 621741	CLIP - harness	2
25	K 652475	SCREW - M5 x 16 mm	2
26	K 651526	NUT - M6	2
27	K 651847	WASHER - lock, 6 mm	2
28	K 300854	HARNESS - rear lamps	2
29	K 300730	HARNESS - front and rear lamps	2
30	K 67916	CONNECTOR - single	6
31	K 86230	CONNECTOR - double	3
32	K 908905	CONNECTOR - three-way	1
33	K 627716	GROMMET - special, 13/16 inch	2
34	K 300696	BRACKET - harness to main frame	1



ELECTRICAL WIRING **TRACTORS WITHOUT CAB** **LOW PROFILE SPECIAL**

Ref.	Part No.	Description	Required
1	K 917372	CABLE - battery to ground	1
2	K 949996	CABLE - battery to starter	1
3	K 87560	COVER - starter terminal	1
4	K 15518	CLIP - cable to engine, starter to ground	1
5	K 947336	CABLE - starter to ground	1
6	K 307710	HARNESS ASSEMBLY - engine accesories	1
7	K 951339	COVER - harness connector	1
8	K 925268	BLADE - connector, 25 ampere	1
9	K 624532	SCREW - No. 10 x 1/2 inch	1
10	K 617080	NUT - No. 10	1
11	K 11519	WASHER - lock, 3/16 inch	1
12	K 621734	CLIP - wire	3
13	K 304928	HARNESS - sealed beam headlamps	1
14	K 625018	CLIP - harness to waistrail	2
15	K 625019	CLIP - harness to panel support	2
16	K 300268	CLUSTER - instrument (See Page 4-55)	1
17	K 307696	HARNESS ASSEMBLY - instrument panel	1
18	K 951338	COVER - harness connector	2
19	K 307708	HARNESS ASSEMBLY - side and rear lamps	1
20	K 943744	COVER - stop lamp switch	1
21	K 653160	GROMMET - harness	1
22	K 951339	COVER - harness connector	1
23	K 19930	GROMMET - harness	1
24	K 621741	CLIP - harness to frame platform	2
25	K 652475	SCREW - M5 x 16 mm	2
26	K 651526	NUT - M6	2
27	K 651847	WASHER - lock, 6 mm	2
28	A 165855	HARNESS - flasher, right-hand	1
29	A 165854	HARNESS - flasher, left-hand	1
30	A 30366	CONNECTOR - single	2

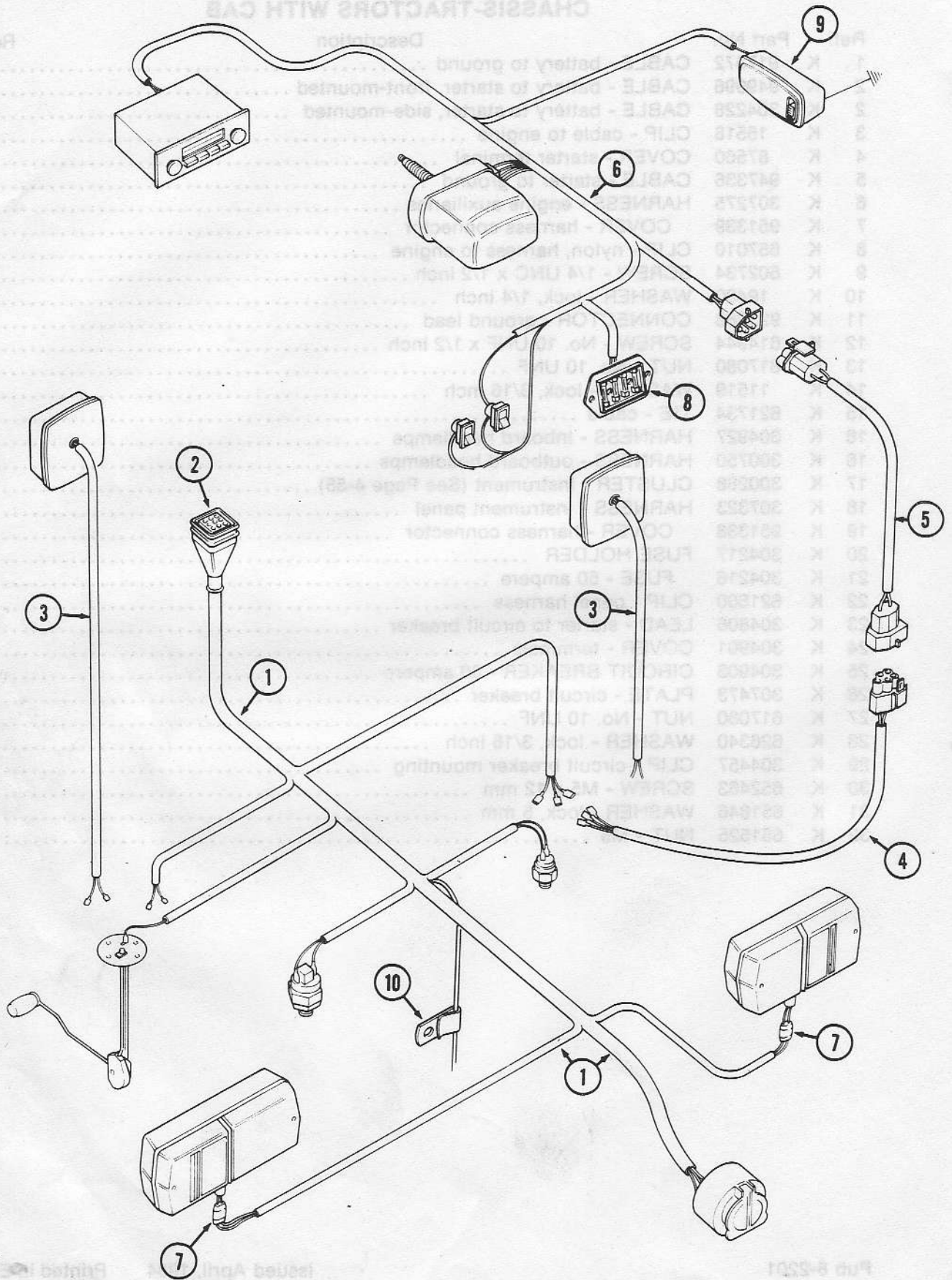


ELECTRICAL WIRING CHASSIS-TRACTORS WITH CAB

Ref.	Part No.	Description	Required
1	K 917372	CABLE - battery to ground	1
2	K 949996	CABLE - battery to starter, front-mounted	1
2	K 304228	CABLE - battery to starter, side-mounted	1
3	K 15518	CLIP - cable to engine	1
4	K 87560	COVER - starter terminal	1
5	K 947336	CABLE - starter to ground	1
6	K 307275	HARNESS - engine auxiliaries	1
7	K 951339	COVER - harness connector	1
8	K 657010	CLIP - nylon, harness to engine	1
9	K 602734	SCREW - 1/4 UNC x 1/2 inch	1
10	K 19480	WASHER - lock, 1/4 inch	1
11	K 925268	CONNECTOR - ground lead	2
12	K 614944	SCREW - No. 10 UNF x 1/2 inch	1
13	K 617080	NUT - No. 10 UNF	1
14	K 11519	WASHER - lock, 3/16 inch	1
15	K 621734	TIE - cable	3
16	K 304927	HARNESS - inboard headlamps	1
16	K 300750	HARNESS - outboard headlamps	1
17	K 300268	CLUSTER - instrument (See Page 4-55)	1
18	K 307323	HARNESS - instrument panel	1
19	K 951338	COVER - harness connector	1
20	K 304217	FUSE HOLDER	1
21	K 304216	FUSE - 50 ampere	1
22	K 621600	CLIP - panel harness	1
23	K 304806	LEAD - starter to circuit breaker	1
24	K 304901	COVER - terminals	1
25	K 304903	CIRCUIT BREAKER - 30 ampere	2
26	K 307473	PLATE - circuit breaker	1
27	K 617080	NUT - No. 10 UNF	4
28	K 626340	WASHER - lock, 3/16 inch	4
29	K 304457	CLIP - circuit breaker mounting	1
30	K 652463	SCREW - M5 x 12 mm	1
31	K 651846	WASHER - lock, 5 mm	1
32	K 651525	NUT - M5	1

ELECTRICAL WIRING

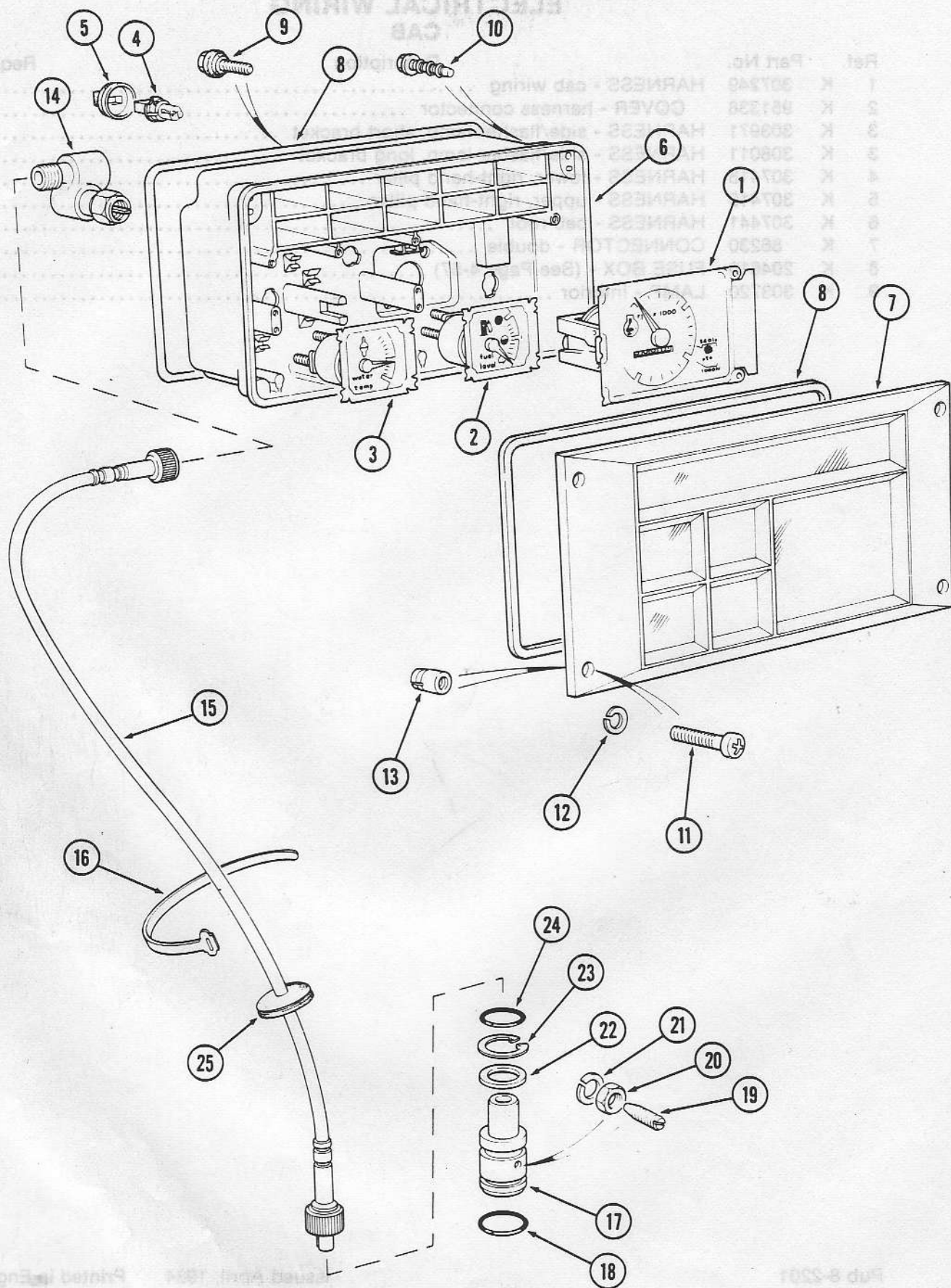
CHASSIS-TRACTORS WITH CAB



ELECTRICAL WIRING CAB

Ref.	Part No.	Description	Required
1	K 307249	HARNESS - cab wiring	1
2	K 951338	COVER - harness connector	1
3	K 303971	HARNESS - side/flasher lamp, short bracket	2
3	K 308011	HARNESS - side/flasher lamp, long bracket	2
4	K 307418	HARNESS - lower, right-hand pillar	1
5	K 307419	HARNESS - upper, right-hand pillar	1
6	K 307441	HARNESS - cab roof	1
7	K 86230	CONNECTOR - double	6
8	K 204610	FUSE BOX - (See Page 4-57)	1
9	K 303720	LAMP - interior	1

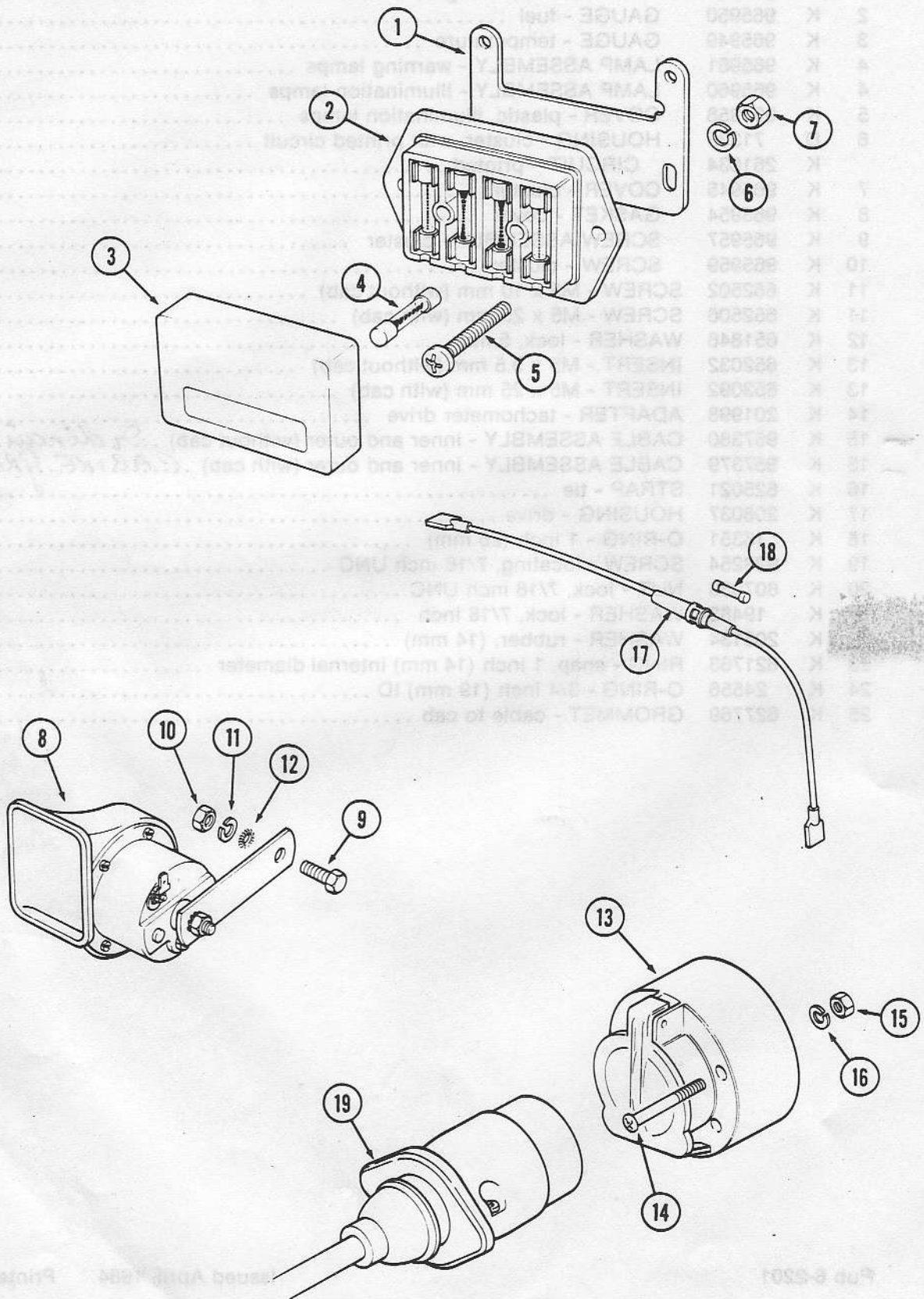
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INSTRUMENT CLUSTER AND TACHOMETER

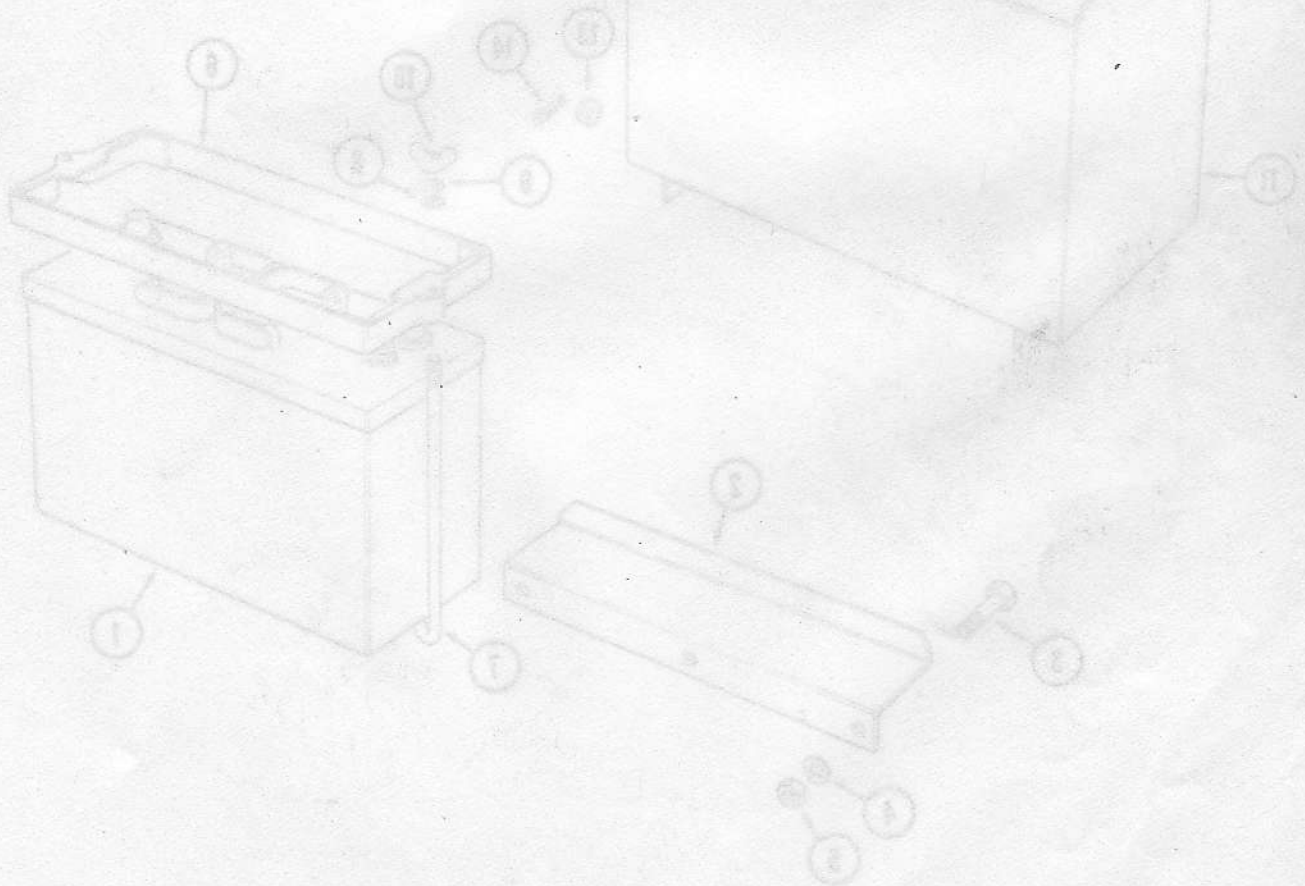
Ref.	Part No.	Description	Required
	K 300268	CLUSTER ASSEMBLY - instrument	1
1	K 965947	TACHOMETER - engine	1
2	K 965950	GAUGE - fuel	1
3	K 965949	GAUGE - temperature	1
4	K 965961	LAMP ASSEMBLY - warning lamps	6
4	K 965960	LAMP ASSEMBLY - illumination lamps	3
5	K 965958	COVER - plastic, illumination lamps	3
6	D 71335	HOUSING - cluster, with printed circuit	1
	K 261634	CIRCUIT - printed	1
7	K 965945	COVER - cluster	1
8	K 965954	GASKET - cover	2
9	K 965957	SCREW ASSEMBLY - cluster	2
10	K 965959	SCREW - cluster	12
11	K 652502	SCREW - M5 x 10 mm (without cab)	4
11	K 652506	SCREW - M5 x 25 mm (with cab)	4
12	K 651846	WASHER - lock, 5 mm	4
13	K 652032	INSERT - M5 x 9.5 mm (without cab)	4
13	K 653092	INSERT - M5 x 25 mm (with cab)	4
14	K 201998	ADAPTER - tachometer drive	1
15	K 957380	CABLE ASSEMBLY - inner and outer (without cab)	1
15	K 957379	CABLE ASSEMBLY - inner and outer (with cab)	1
16	K 625021	STRAP - tie	1
17	K 206037	HOUSING - drive	1
18	K 16351	O-RING - 1 inch (25 mm)	2
19	K 928254	SCREW - locating, 7/16 inch UNC	1
20	K 607053	NUT - lock, 7/16 inch UNC	1
21	K 19483	WASHER - lock, 7/16 inch	1
22	K 206134	WASHER - rubber, (14 mm)	1
23	K 621763	RING - snap, 1 inch (14 mm) internal diameter	1
24	K 24556	O-RING - 3/4 inch (19 mm) ID	1
25	K 627769	GROMMET - cable to cab	1

INSTRUMENT CLUSTER AND TACHOMETER

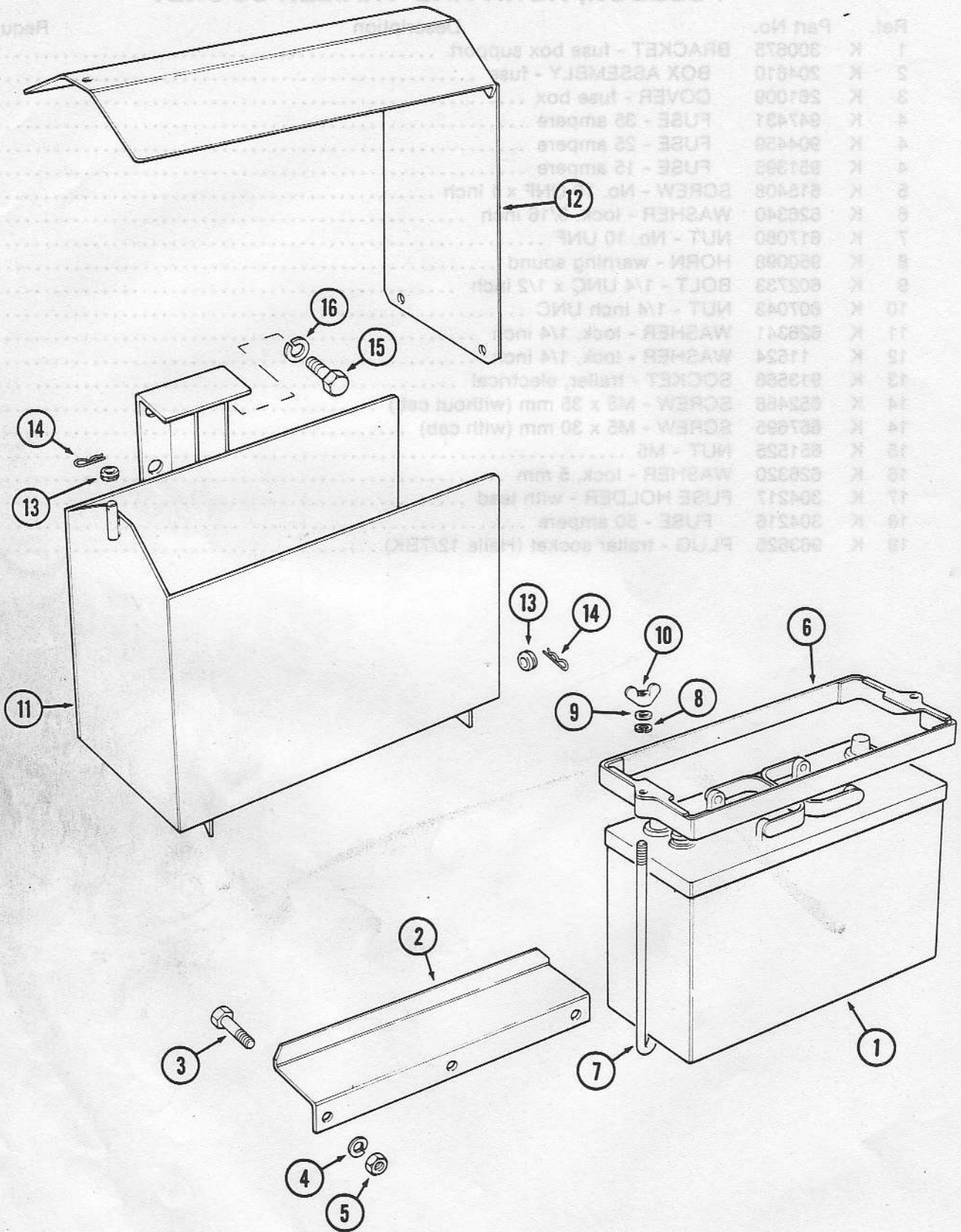


FUSEBOX, HORN AND TRAILER SOCKET

Ref.	Part No.	Description	Required
1	K 300675	BRACKET - fuse box support	1
2	K 204610	BOX ASSEMBLY - fuse	1
3	K 261009	COVER - fuse box	1
4	K 947431	FUSE - 35 ampere	2
4	K 904459	FUSE - 25 ampere	1
4	K 951395	FUSE - 15 ampere	1
5	K 615408	SCREW - No. 10 UNF x 1 inch	4
6	K 626340	WASHER - lock, 3/16 inch	4
7	K 617080	NUT - No. 10 UNF	4
8	K 950098	HORN - warning sound	1
9	K 602733	BOLT - 1/4 UNC x 1/2 inch	1
10	K 607043	NUT - 1/4 inch UNC	1
11	K 626341	WASHER - lock, 1/4 inch	1
12	K 11524	WASHER - lock, 1/4 inch	1
13	K 913566	SOCKET - trailer, electrical	1
14	K 652468	SCREW - M5 x 35 mm (without cab)	3
14	K 657695	SCREW - M5 x 30 mm (with cab)	3
15	K 651525	NUT - M5	3
16	K 626320	WASHER - lock, 5 mm	3
17	K 304217	FUSE HOLDER - with lead	1
18	K 304216	FUSE - 50 ampere	1
19	K 963625	PLUG - trailer socket (Hella 12/7BK)	1



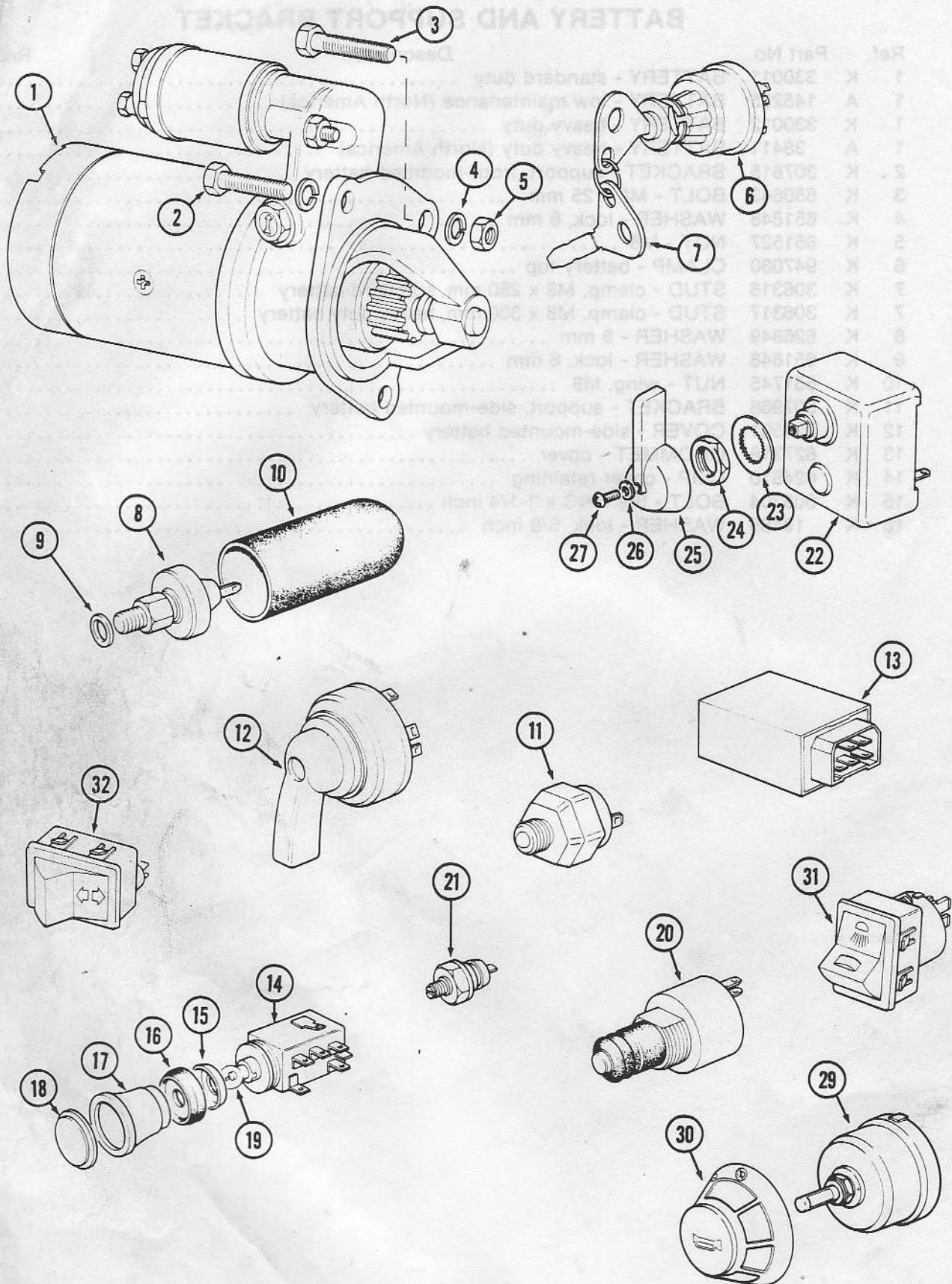
FUSEBOX, HORN AND TRAILER SOCKET



Part No.	QTY	DESCRIPTION
300875	1	BRACKET - fuse box support
304810	2	BOX ASSEMBLY - fuse
261008	3	COVER - fuse box
647431	4	FUSE - 35 ampere
904458	4	FUSE - 25 ampere
851385	4	FUSE - 15 ampere
851408	5	SCREW - No. 10 x 1/2 inch
528340	6	WASHER - lock 1/4 inch
817080	7	NUT - No. 10 UNF
850088	8	HORN - warning sound
603733	9	BOLT - 1/4 inch x 1/2 inch
607043	10	NUT - 1/4 inch UNF
528341	11	WASHER - lock 1/4 inch
11524	12	WASHER - lock 1/4 inch
813588	13	SOCKET - trailer electrical
852485	14	SCREW - No. 10 x 3/8 inch (without cap)
851995	15	SCREW - No. 10 x 3/8 inch (with cap)
851525	16	NUT - No. 10 UNF
528320	17	WASHER - lock 5/16 inch
304217	18	FUSE HOLDER - with lead
304218	19	FUSE - 30 ampere
903825	20	PLUG - trailer socket (Hille 1212K)

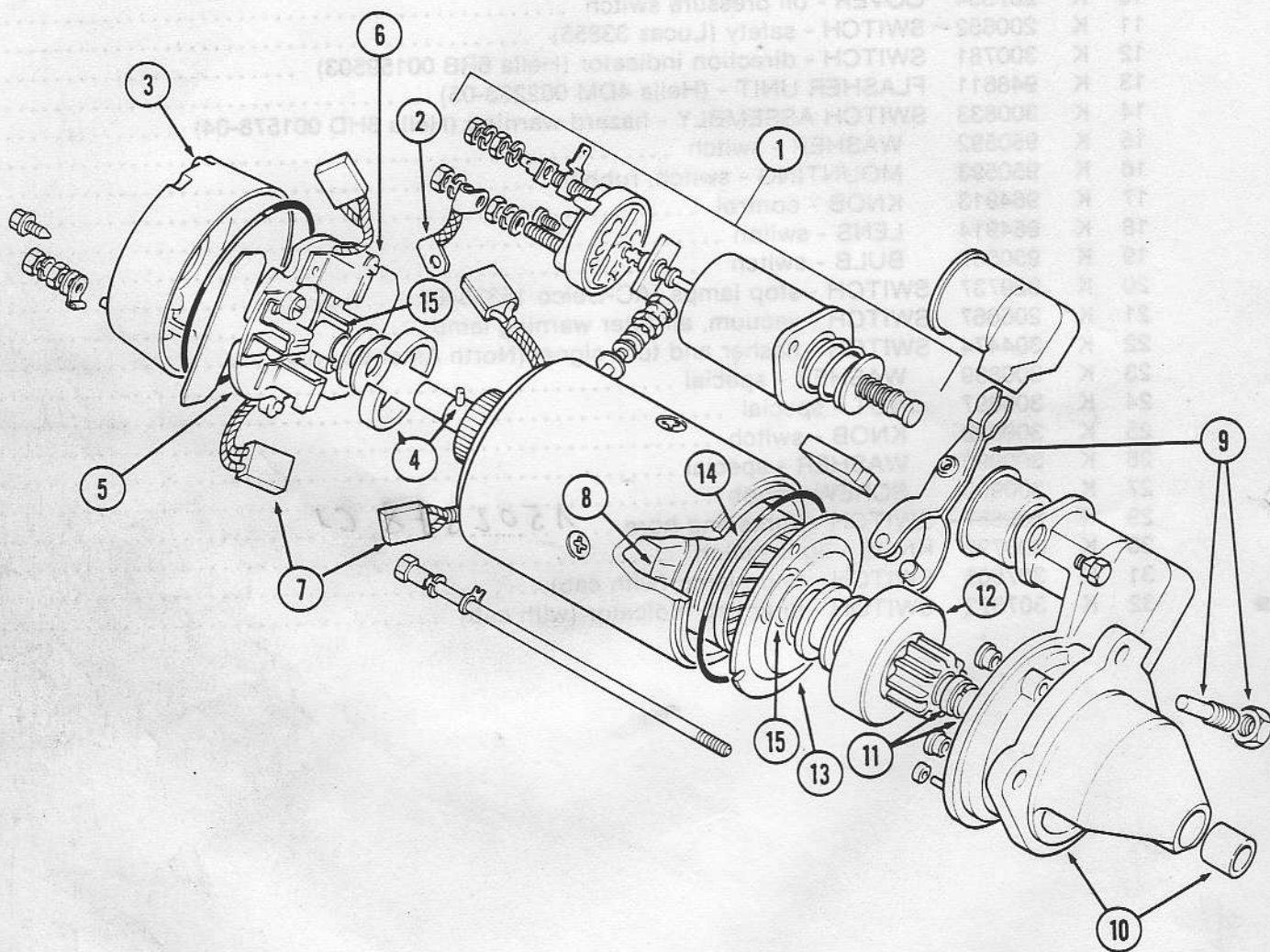
BATTERY AND SUPPORT BRACKET

Ref.	Part No.	Description	Required
1	K 330011	BATTERY - standard duty	1
1	A 145205	BATTERY - low maintenance (North America)	1
1	K 330012	BATTERY - heavy duty	1
1	A 38411	BATTERY - heavy duty (North America)	1
2	K 307815	BRACKET - support, front-mounted battery	1
3	K 650643	BOLT - M8 x 25 mm	4
4	K 651848	WASHER - lock, 8 mm	4
5	K 651527	NUT - M8	2
6	K 947080	CLAMP - battery top	1
7	K 306318	STUD - clamp, M8 x 250 mm, standard battery	2
7	K 306317	STUD - clamp, M8 x 300 mm, heavy duty battery	2
8	K 626849	WASHER - 8 mm	2
9	K 651848	WASHER - lock, 8 mm	2
10	K 651745	NUT - wing, M8	2
11	K 307968	BRACKET - support, side-mounted battery	1
12	K 308501	COVER - side-mounted battery	1
13	K 627718	GROMMET - cover	3
14	K 624870	CLIP - cover retaining	3
15	K 603304	BOLT - 5/8 UNC x 1-1/4 inch	4
16	K 19485	WASHER - lock, 5/8 inch	4



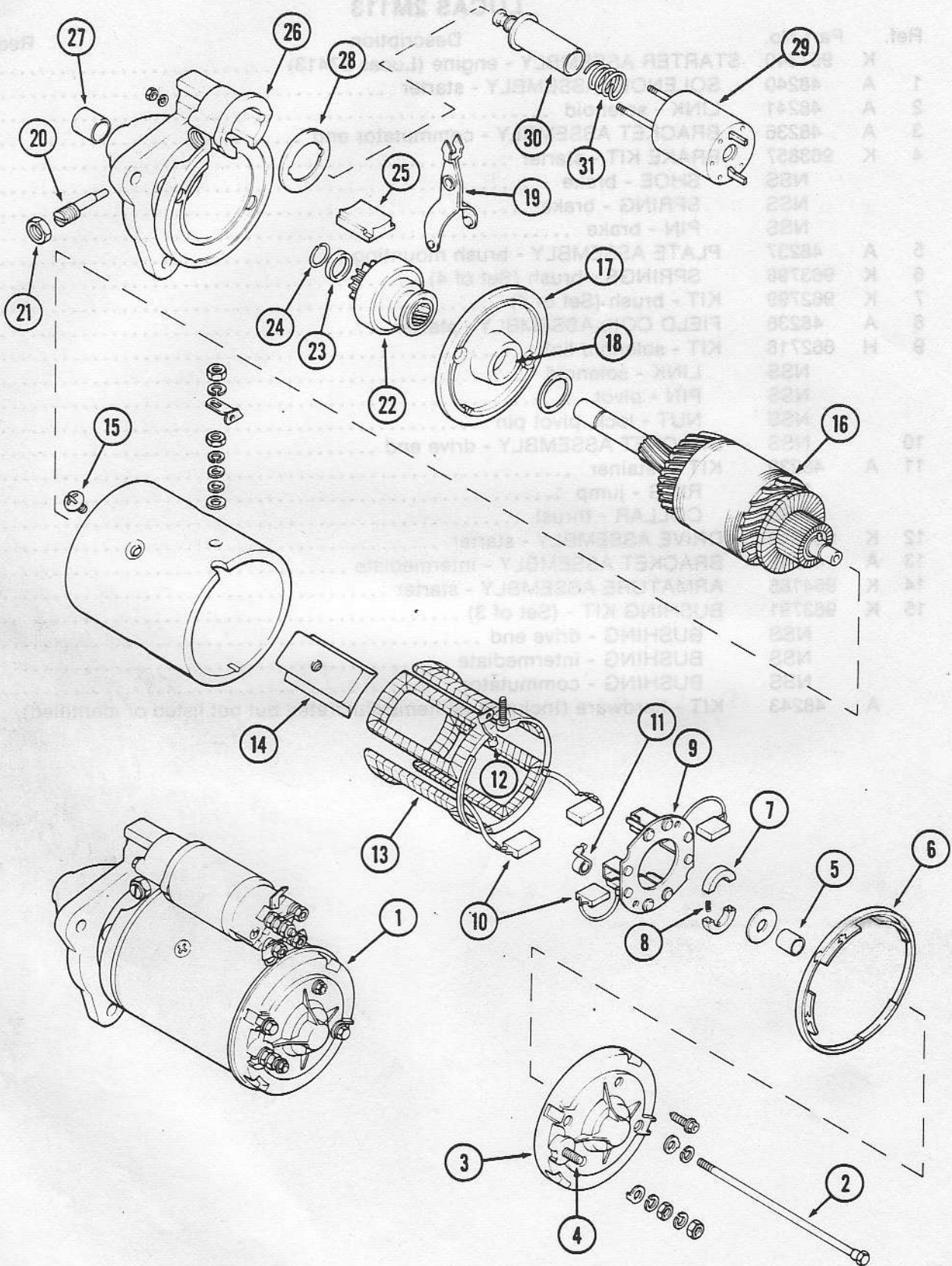
STARTER AND SWITCHES

Ref.	Part No.	Description	Required
1	K 957340	STARTER - (Lucas 2M113)(See Page 4-63)	1
1	K 308650	STARTER - (Lucas M127/2.8)(See Page 4-65)	1
2	K 600406	BOLT - 3/8 UNC x 1-3/4 inch	2
3	K 600410	BOLT - 3/8 UNC x 2-1/4 inch	1
4	K 19482	WASHER - lock, 3/8 inch	3
5	K 607002	NUT - 3/8 inch UNC	1
6	K 203992	SWITCH ASSEMBLY - starter (Lucas 54033688)	1
7	K 920929	KEY - starter switch	1
8	K 903851	SWITCH - oil pressure (AC-Delco 7994092) 311.686	1
9	K 626521	WASHER - sealing, 3/8 inch (10 mm)	1
10	K 207554	COVER - oil pressure switch	1
11	K 200652	SWITCH - safety (Lucas 33855)	1
12	K 300781	SWITCH - direction indicator (Hella 6RB 00159503)	1
13	K 948611	FLASHER UNIT - (Hella 4DM 002233-05)	1
14	K 300833	SWITCH ASSEMBLY - hazard warning (Hella 6HD 001578-04)	1
15	K 950592	WASHER - switch	1
16	K 950593	MOUNTING - switch, rubber	1
17	K 964913	KNOB - control	1
18	K 964914	LENS - switch	1
19	K 950567	BULB - switch	1
20	K 929737	SWITCH - stop lamps (AC-Delco 1533840)	1
21	K 206667	SWITCH - vacuum, air filter warning lamp	1
22	K 304474	SWITCH - flasher and turn signal (North America only)	1
23	K 300899	WASHER - special	1
24	K 300897	NUT - special	1
25	K 300898	KNOB - switch	1
26	K 300896	WASHER - special	1
27	K 300900	SCREW - knob	1
29	K 990657	SWITCH - lights and horn 1502378 C1	1
30	K 300792	KNOB - light switch	1
31	K 307605	SWITCH - flood lamp (with cab)	1
32	K 307872	SWITCH - direction indicator (with cab)	1



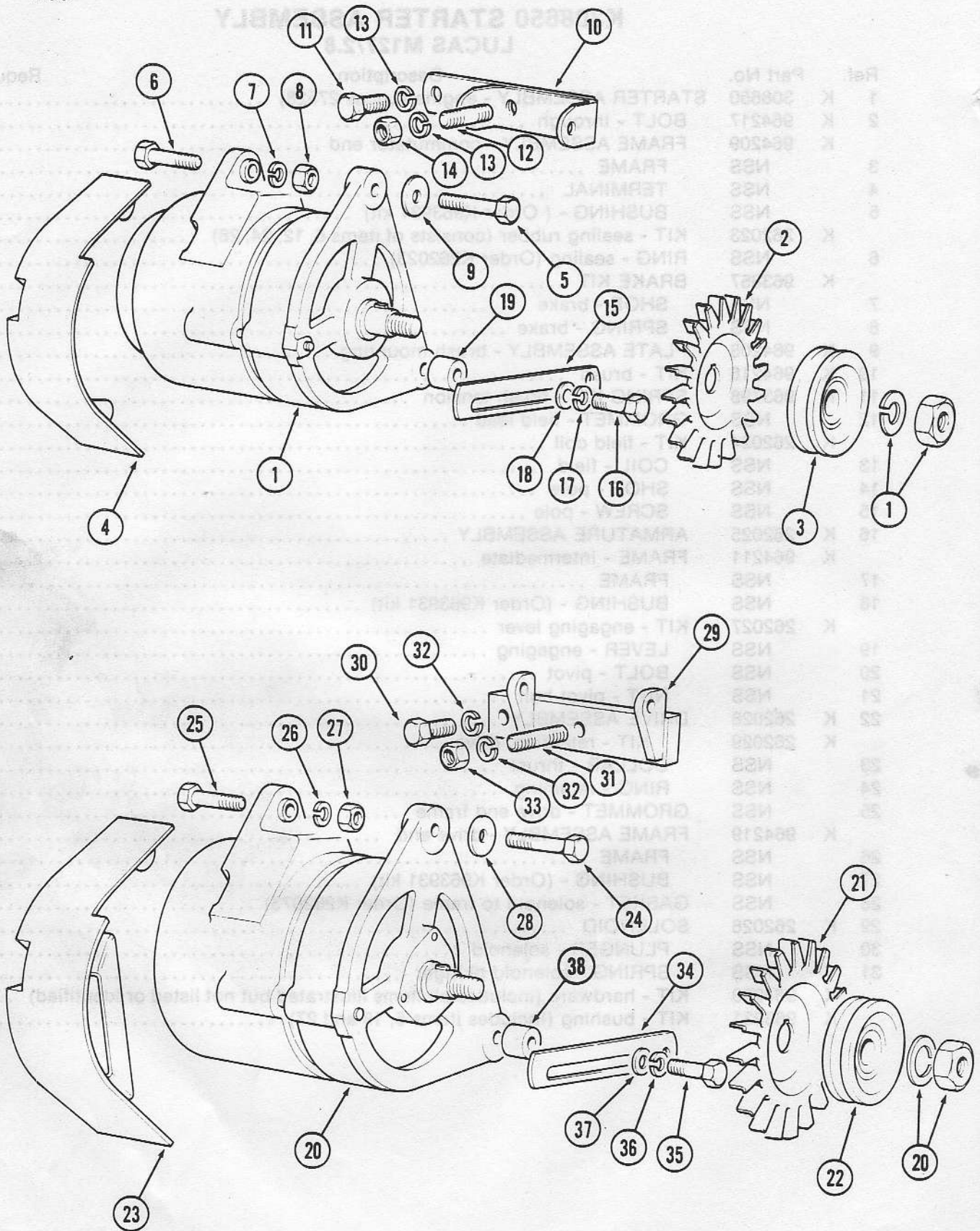
K957340 STARTER ASSEMBLY **LUCAS 2M113**

Ref.	Part No.	Description	Required
	K 957340	STARTER ASSEMBLY - engine (Lucas 27413)	1
1	A 48240	SOLENOID ASSEMBLY - starter	1
2	A 48241	LINK - solenoid	1
3	A 48236	BRACKET ASSEMBLY - commutator end	1
4	K 963857	BRAKE KIT - starter	1
	NSS	SHOE - brake	2
	NSS	SPRING - brake	2
	NSS	PIN - brake	1
5	A 48237	PLATE ASSEMBLY - brush mounting	1
6	K 963798	SPRINGS - brush (Set of 4)	1
7	K 962799	KIT - brush (Set of 4)	1
8	A 48238	FIELD COIL ASSEMBLY - starter	1
9	H 662718	KIT - solenoid link	1
	NSS	LINK - solenoid	1
	NSS	PIN - pivot	1
	NSS	NUT - lock, pivot pin	1
10	NSS	BRACKET ASSEMBLY - drive end	1
11	A 48239	KIT - retainer	1
	NSS	RING - jump	1
	NSS	COLLAR - thrust	1
12	K 964242	DRIVE ASSEMBLY - starter	1
13	A 48242	BRACKET ASSEMBLY - intermediate	1
14	K 964185	ARMATURE ASSEMBLY - starter	1
15	K 963791	BUSHING KIT - (Set of 3)	1
	NSS	BUSHING - drive end	1
	NSS	BUSHING - intermediate	1
	NSS	BUSHING - commutator	1
	A 48243	KIT - hardware (Includes all items illustrated but not listed or identified)	1



K308650 STARTER ASSEMBLY **LUCAS M127/2.8**

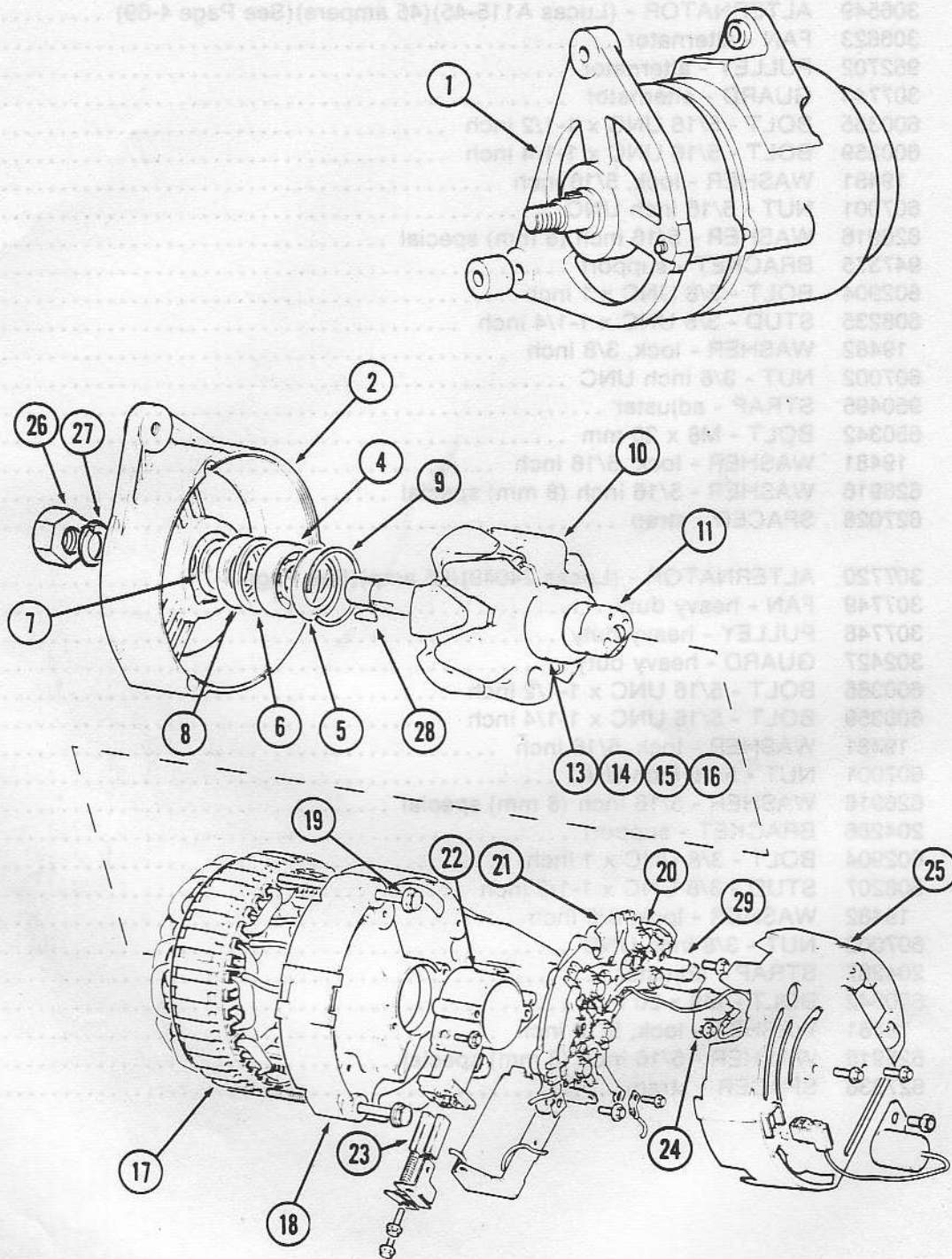
Ref.	Part No.	Description	Required
1	K 308650	STARTER ASSEMBLY - engine (Lucas 27528)	1
2	K 964217	BOLT - through	2
	K 964209	FRAME ASSEMBLY - commutator end	1
3	NSS	FRAME	1
4	NSS	TERMINAL	1
5	NSS	BUSHING - (Order K963931 kit)	1
	K 262023	KIT - sealing rubber (consists of items 6, 12, 24, 28)	1
6	NSS	RING - sealing (Order K262023)	1
	K 963857	BRAKE KIT	1
7	NSS	SHOE - brake	2
8	NSS	SPRING - brake	2
9	K 964208	PLATE ASSEMBLY - brush mounting	1
10	K 964218	KIT - brush	1
11	K 963798	SPRING KIT - brush tension	1
12	NSS	GROMMET - field lead	1
	K 262024	KIT - field coil	1
13	NSS	COIL - field	4
14	NSS	SHOE - pole	4
15	NSS	SCREW - pole	4
16	K 262025	ARMATURE ASSEMBLY	1
	K 964211	FRAME - intermediate	1
17	NSS	FRAME	1
18	NSS	BUSHING - (Order K963931 kit)	1
	K 262027	KIT - engaging lever	1
19	NSS	LEVER - engaging	1
20	NSS	BOLT - pivot	1
21	NSS	NUT - pivot bolt	1
22	K 262028	DRIVE ASSEMBLY	1
	K 262029	KIT - retention, drive	1
23	NSS	COLLAR - thrust	1
24	NSS	RING - retaining	1
25	NSS	GROMMET - drive end frame	1
	K 964219	FRAME ASSEMBLY - drive end	1
26	NSS	FRAME	1
27	NSS	BUSHING - (Order K963931 kit)	1
28	NSS	GASKET - solenoid to frame (Order K262073)	1
29	K 262026	SOLENOID	1
30	NSS	PLUNGER - solenoid	1
31	NSS	SPRING - solenoid plunger	1
	K 964220	KIT - hardware (includes all items illustrated but not listed or identified)	1
	K 963931	KIT - bushing (Includes items 5, 18 and 27)	1



ALTERNATOR

Ref.	Part No.	Description	Required
1	K 306549	ALTERNATOR - (Lucas A115-45)(45 ampere)(See Page 4-69)	1
2	K 306623	FAN - alternator	1
3	K 952702	PULLEY - alternator	1
4	K 307744	GUARD - alternator	1
5	K 600365	BOLT - 5/16 UNC x 1-1/2 inch	1
6	K 600359	BOLT - 5/16 UNC x 1-1/4 inch	1
7	K 19481	WASHER - lock, 5/16 inch	2
8	K 607001	NUT - 5/16 inch UNC	2
9	K 626916	WASHER - 5/16 inch (8 mm) special	1
10	K 947375	BRACKET - support	1
11	K 602904	BOLT - 3/8 UNC x 1 inch	1
12	K 608235	STUD - 3/8 UNC x 1-1/4 inch	1
13	K 19482	WASHER - lock, 3/8 inch	2
14	K 607002	NUT - 3/8 inch UNC	1
15	K 950495	STRAP - adjuster	1
16	K 650342	BOLT - M8 x 20 mm	1
17	K 19481	WASHER - lock, 5/16 inch	1
18	K 626916	WASHER - 5/16 inch (8 mm) special	1
19	K 627028	SPACER - strap	1
20	K 307720	ALTERNATOR - (Lucas 24049)(65 amp)(See Page 4-71)	1
21	K 307749	FAN - heavy duty	1
22	K 307748	PULLEY - heavy duty	1
23	K 302427	GUARD - heavy duty	1
24	K 600365	BOLT - 5/16 UNC x 1-1/2 inch	1
25	K 600359	BOLT - 5/16 UNC x 1-1/4 inch	2
26	K 19481	WASHER - lock, 5/16 inch	2
27	K 607001	NUT - 5/16 inch UNC	1
28	K 626916	WASHER - 5/16 inch (8 mm) special	1
29	K 204286	BRACKET - support	1
30	K 602904	BOLT - 3/8 UNC x 1 inch	1
31	K 608207	STUD - 3/8 UNC x 1-1/2 inch	2
32	K 19482	WASHER - lock, 3/8 inch	1
33	K 607002	NUT - 3/8 inch UNC	1
34	K 204287	STRAP - adjuster	1
35	K 650342	BOLT - M8 x 20 mm	1
36	K 19481	WASHER - lock, 5/16 inch	1
37	K 626916	WASHER - 5/16 inch (8 mm) special	1
38	K 627336	SPACER - strap	1

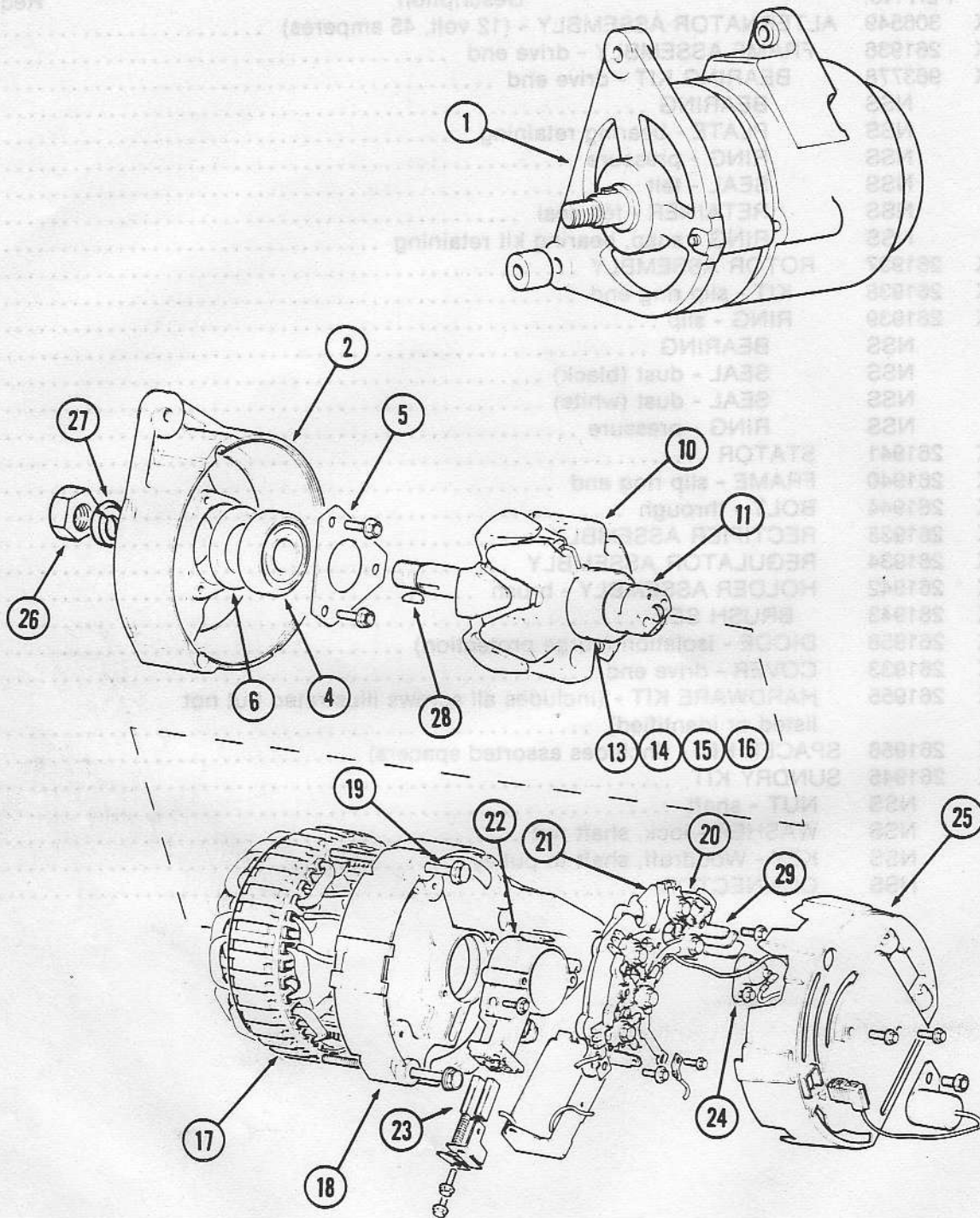
1384 TRACTOR ALTERNATOR



K306549 ALTERNATOR ASSEMBLY **LUCAS A115-45**

Ref.	Part No.	Description	Required
1	K 306549	ALTERNATOR ASSEMBLY - (12 volt, 45 amperes)	1
2	K 261936	FRAME ASSEMBLY - drive end	1
	K 963778	BEARING KIT - drive end	1
4	NSS	BEARING	1
5	NSS	PLATE - bearing retaining	1
6	NSS	RING - pressure	1
7	NSS	SEAL - felt	1
8	NSS	RETAINER - felt seal	1
9	NSS	RING - snap, bearing kit retaining	1
10	K 261937	ROTOR ASSEMBLY	1
	K 261938	KIT - slip ring end	1
11	K 261939	RING - slip	1
13	NSS	BEARING	1
14	NSS	SEAL - dust (black)	1
15	NSS	SEAL - dust (white)	1
16	NSS	RING - pressure	1
17	K 261941	STATOR	1
18	K 261940	FRAME - slip ring end	1
19	K 261944	BOLT - through	3
20	K 261935	RECTIFIER ASSEMBLY	1
21	K 261934	REGULATOR ASSEMBLY	1
22	K 261942	HOLDER ASSEMBLY - brush	1
23	K 261943	BRUSH SET	1
24	K 261958	DIODE - isolation (surge protection)	1
25	K 261933	COVER - drive end	1
	K 261955	HARDWARE KIT - (includes all screws illustrated but not listed or identified)	1
	K 261956	SPACER KIT - (includes assorted spacers)	1
	K 261945	SUNDRY KIT	1
26	NSS	NUT - shaft	1
27	NSS	WASHER - lock, shaft nut	1
28	NSS	KEY - Woodruff, shaft to pulley	1
29	NSS	CONNECTOR	1

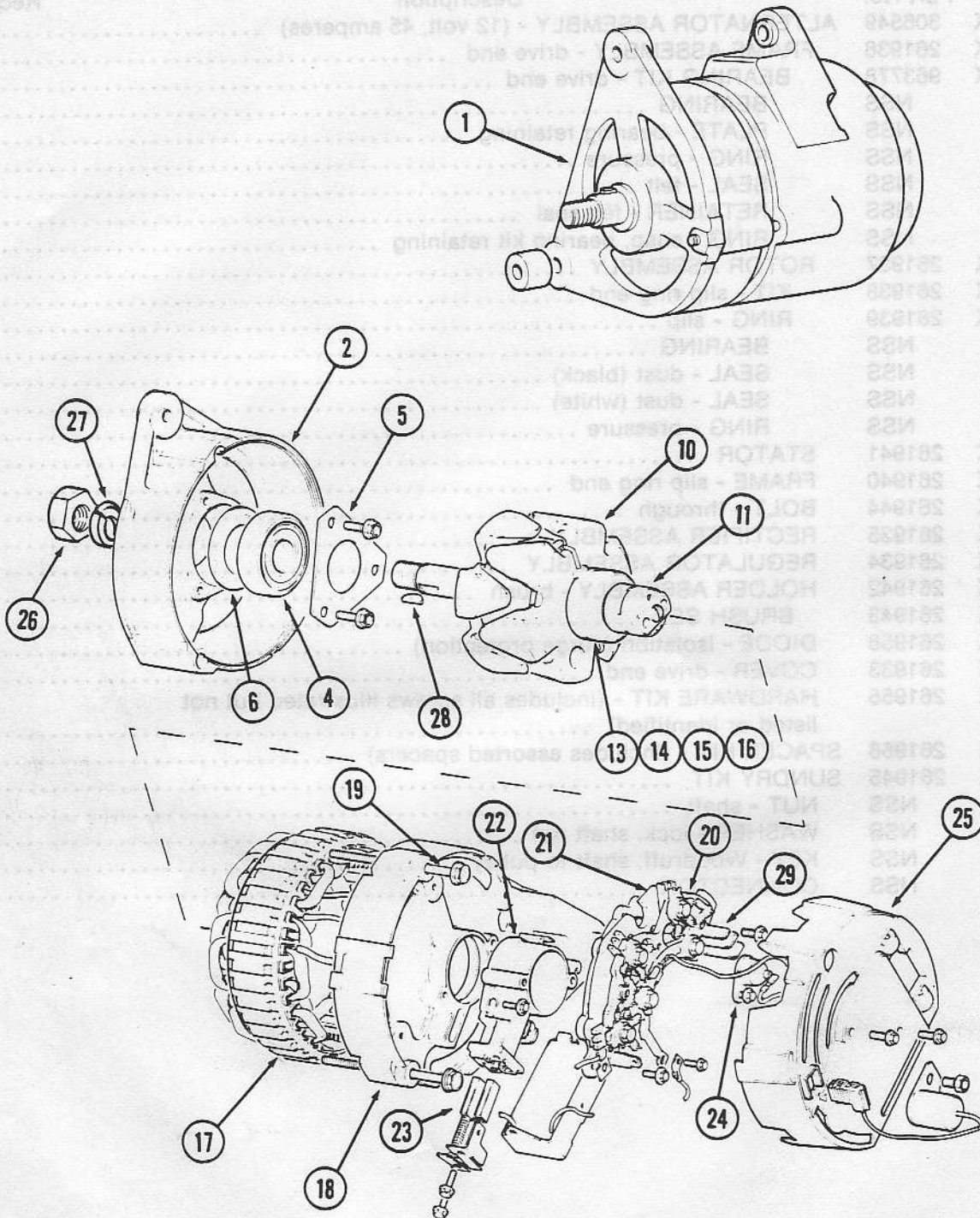
135 TRACTOR K308548 ALTERNATOR ASSEMBLY LUCAS A112-45



K306549 ALTERNATOR ASSEMBLY **LUCAS A115-45**

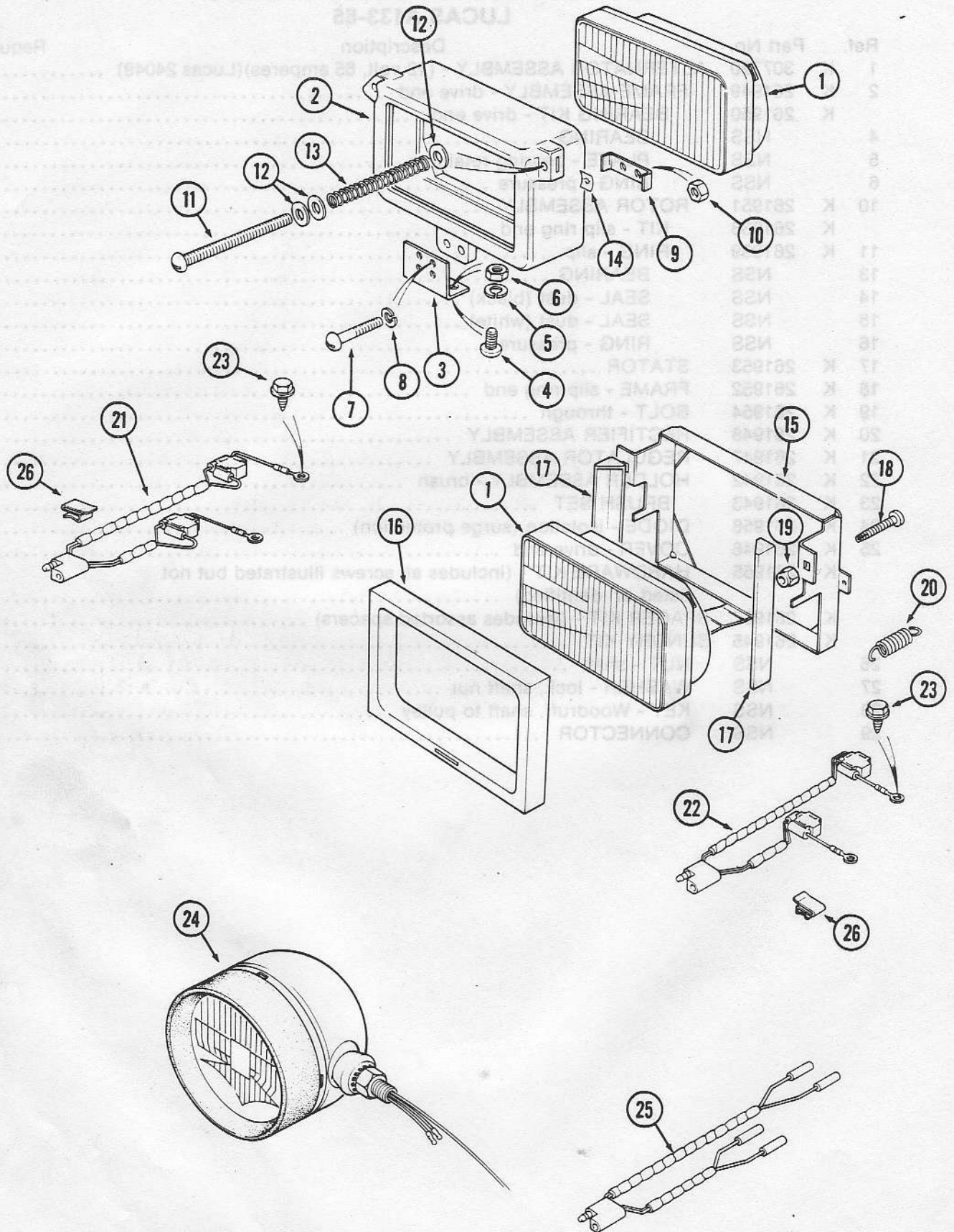
Ref.	Part No.	Description	Required
1	K 306549	ALTERNATOR ASSEMBLY - (12 volt, 45 amperes)	1
2	K 261936	FRAME ASSEMBLY - drive end	1
	K 963778	BEARING KIT - drive end	1
4	NSS	BEARING	1
5	NSS	PLATE - bearing retaining	1
6	NSS	RING - pressure	1
7	NSS	SEAL - felt	1
8	NSS	RETAINER - felt seal	1
9	NSS	RING - snap, bearing kit retaining	1
10	K 261937	ROTOR ASSEMBLY	1
	K 261938	KIT - slip ring end	1
11	K 261939	RING - slip	1
13	NSS	BEARING	1
14	NSS	SEAL - dust (black)	1
15	NSS	SEAL - dust (white)	1
16	NSS	RING - pressure	1
17	K 261941	STATOR	1
18	K 261940	FRAME - slip ring end	1
19	K 261944	BOLT - through	3
20	K 261935	RECTIFIER ASSEMBLY	1
21	K 261934	REGULATOR ASSEMBLY	1
22	K 261942	HOLDER ASSEMBLY - brush	1
23	K 261943	BRUSH SET	1
24	K 261958	DIODE - isolation (surge protection)	1
25	K 261933	COVER - drive end	1
	K 261955	HARDWARE KIT - (includes all screws illustrated but not listed or identified)	1
	K 261956	SPACER KIT - (includes assorted spacers)	1
	K 261945	SUNDRY KIT	1
26	NSS	NUT - shaft	1
27	NSS	WASHER - lock, shaft nut	1
28	NSS	KEY - Woodruff, shaft to pulley	1
29	NSS	CONNECTOR	1

13M TRACTOR K308548 ALTERNATOR ASSEMBLY LUCAS A115-48



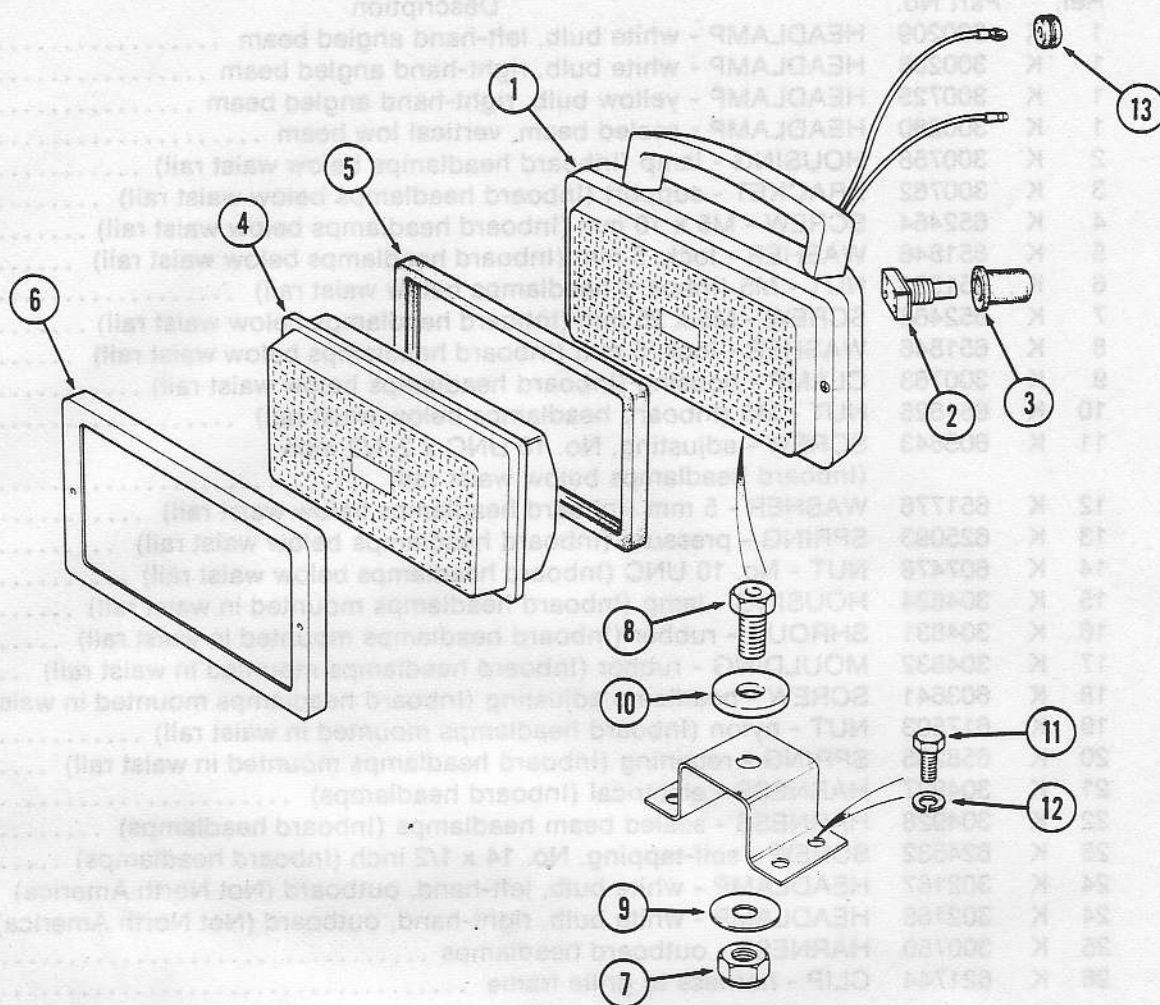
K307720 ALTERNATOR ASSEMBLY **LUCAS A133-65**

Ref.	Part No.	Description	Required
1	K 307720	ALTERNATOR ASSEMBLY - (12 volt, 65 amperes)(Lucas 24049)	1
2	K 261949	FRAME ASSEMBLY - drive end	1
	K 261950	BEARING KIT - drive end	1
4	NSS	BEARING	1
5	NSS	PLATE - bearing retaining	1
6	NSS	RING - pressure	1
10	K 261951	ROTOR ASSEMBLY	1
	K 261938	KIT - slip ring end	1
11	K 261939	RING - slip	1
13	NSS	BEARING	1
14	NSS	SEAL - dust (black)	1
15	NSS	SEAL - dust (white)	1
16	NSS	RING - pressure	1
17	K 261953	STATOR	1
18	K 261952	FRAME - slip ring end	1
19	K 261954	BOLT - through	3
20	K 261948	RECTIFIER ASSEMBLY	1
21	K 261947	REGULATOR ASSEMBLY	1
22	K 261942	HOLDER ASSEMBLY - brush	1
23	K 261943	BRUSH SET	1
24	K 261958	DIODE - isolation (surge protection)	1
25	K 261946	COVER - drive end	1
	K 261955	HARDWARE KIT - (includes all screws illustrated but not listed or identified)	1
	K 261957	SPACER KIT - (includes assorted spacers)	1
	K 261945	SUNDRY KIT	1
26	NSS	NUT - shaft	1
27	NSS	WASHER - lock, shaft nut	1
28	NSS	KEY - Woodruff, shaft to pulley	1
29	NSS	CONNECTOR	1



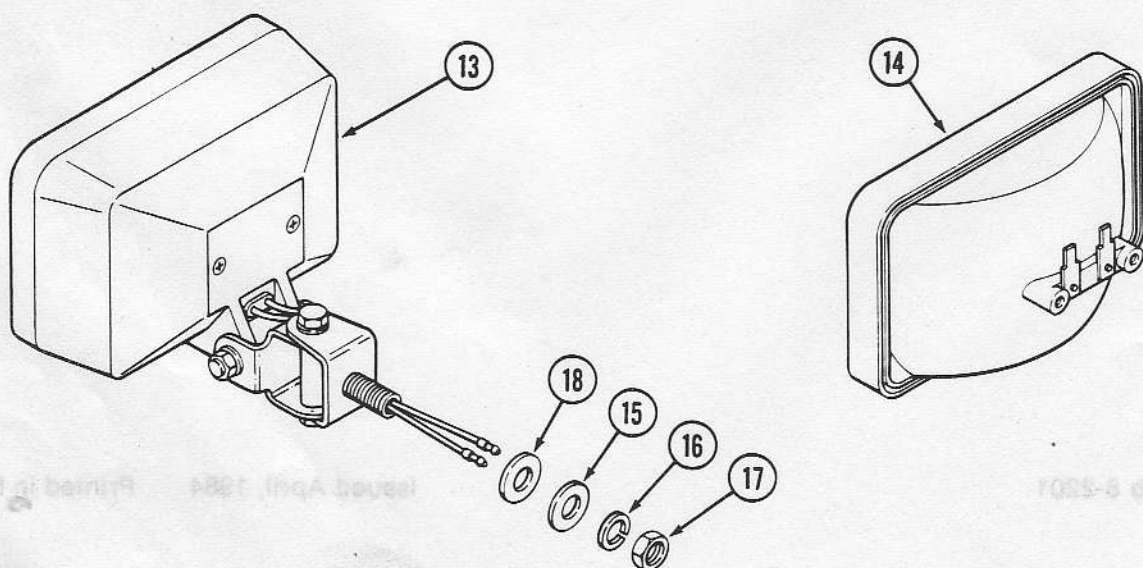
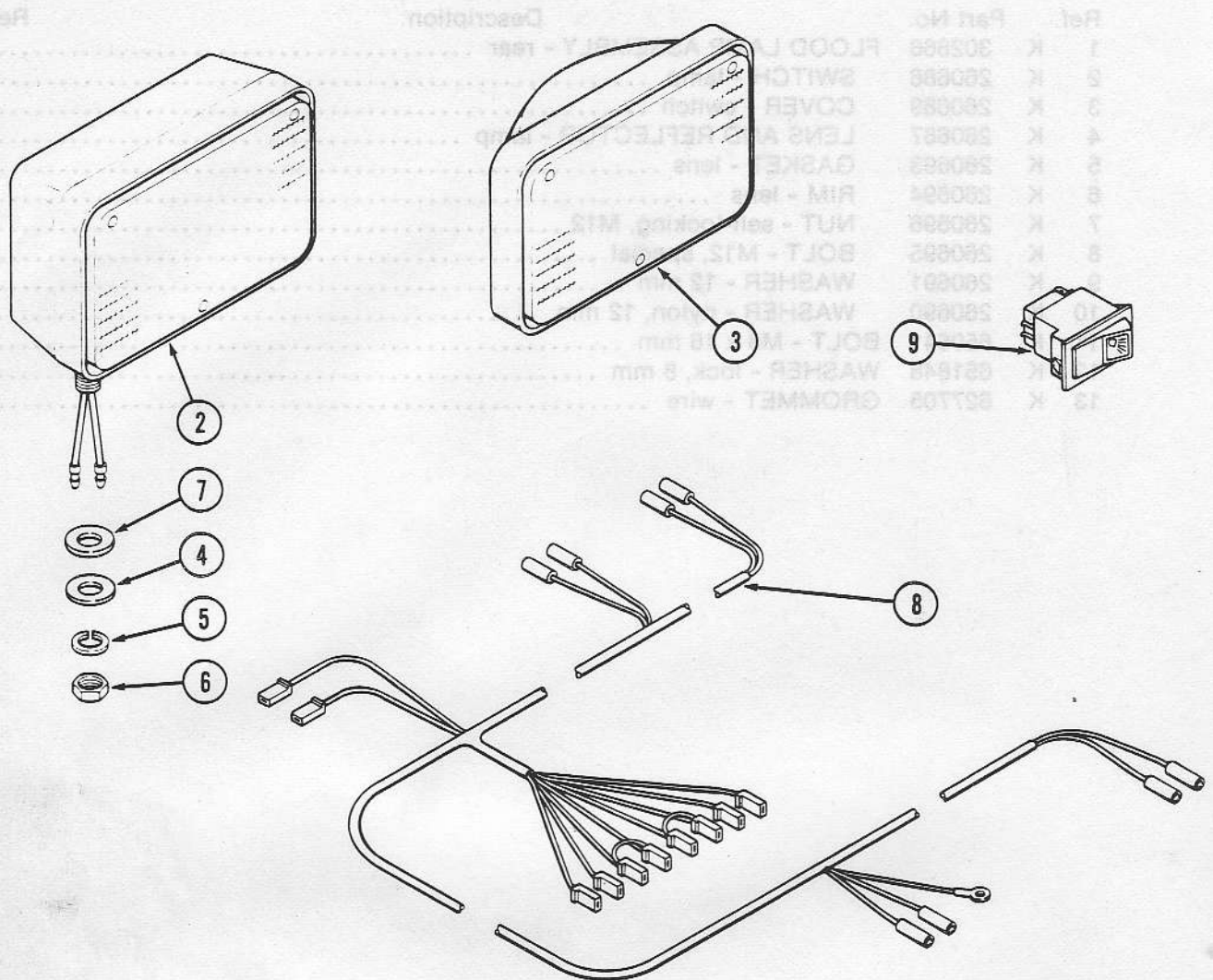
HEADLAMPS

Ref.	Part No.	Description	Required
1	K 300209	HEADLAMP - white bulb, left-hand angled beam	2
1	K 300208	HEADLAMP - white bulb, right-hand angled beam	2
1	K 300725	HEADLAMP - yellow bulb, right-hand angled beam	2
1	K 300280	HEADLAMP - sealed beam, vertical low beam	2
2	K 300758	HOUSING - lamp (Inboard headlamps below waist rail)	2
3	K 300762	BRACKET - support (Inboard headlamps below waist rail)	2
4	K 652464	SCREW - M5 x 16 mm (Inboard headlamps below waist rail)	4
5	K 651846	WASHER - lock, 5 mm (Inboard headlamps below waist rail)	4
6	K 651525	NUT - M5 (Inboard headlamps below waist rail)	4
7	K 652466	SCREW - M5 x 25 mm (Inboard headlamps below waist rail)	4
8	K 651846	WASHER - lock, 5 mm (Inboard headlamps below waist rail)	4
9	K 300763	CLAMP - housing (Inboard headlamps below waist rail)	2
10	K 651525	NUT - M5 (Inboard headlamps below waist rail)	4
11	K 605643	SCREW - adjusting, No. 10 UNC x 2-1/2 inch (Inboard headlamps below waist rail)	4
12	K 651776	WASHER - 5 mm (Inboard headlamps below waist rail)	12
13	K 625093	SPRING - pressure (Inboard headlamps below waist rail)	4
14	K 607478	NUT - No. 10 UNC (Inboard headlamps below waist rail)	4
15	K 304824	HOUSING - lamp (Inboard headlamps mounted in waist rail)	2
16	K 304831	SHROUD - rubber (Inboard headlamps mounted in waist rail)	2
17	K 304832	MOULDING - rubber (Inboard headlamps mounted in waist rail)	4
18	K 603641	SCREW - headlamp adjusting (Inboard headlamps mounted in waist rail)	4
19	K 617503	NUT - nylon (Inboard headlamps mounted in waist rail)	4
20	K 658235	SPRING - retaining (Inboard headlamps mounted in waist rail)	4
21	K 304927	HARNESS - electrical (Inboard headlamps)	1
22	K 304928	HARNESS - sealed beam headlamps (Inboard headlamps)	1
23	K 624532	SCREW - self-tapping, No. 14 x 1/2 inch (Inboard headlamps)	2
24	K 302167	HEADLAMP - white bulb, left-hand, outboard (Not North America)	1
24	K 302168	HEADLAMP - white bulb, right-hand, outboard (Not North America)	1
25	K 300750	HARNESS - outboard headlamps	1
26	K 621744	CLIP - harness to grille frame	3



REAR FLOOD LAMPS

Ref.	Part No.	Description	Required
1	K 302866	FLOOD LAMP ASSEMBLY - rear	1
2	K 260688	SWITCH - lamp	1
3	K 260689	COVER - switch	1
4	K 260687	LENS AND REFLECTOR - lamp	1
5	K 260693	GASKET - lens	1
6	K 260694	RIM - lens	1
7	K 260696	NUT - self-locking, M12	1
8	K 260695	BOLT - M12, special	1
9	K 260691	WASHER - 12 mm	1
10	K 260690	WASHER - nylon, 12 mm	1
11	K 650641	BOLT - M8 x 16 mm	4
12	K 651848	WASHER - lock, 8 mm	1
13	K 627705	GROMMET - wire	1

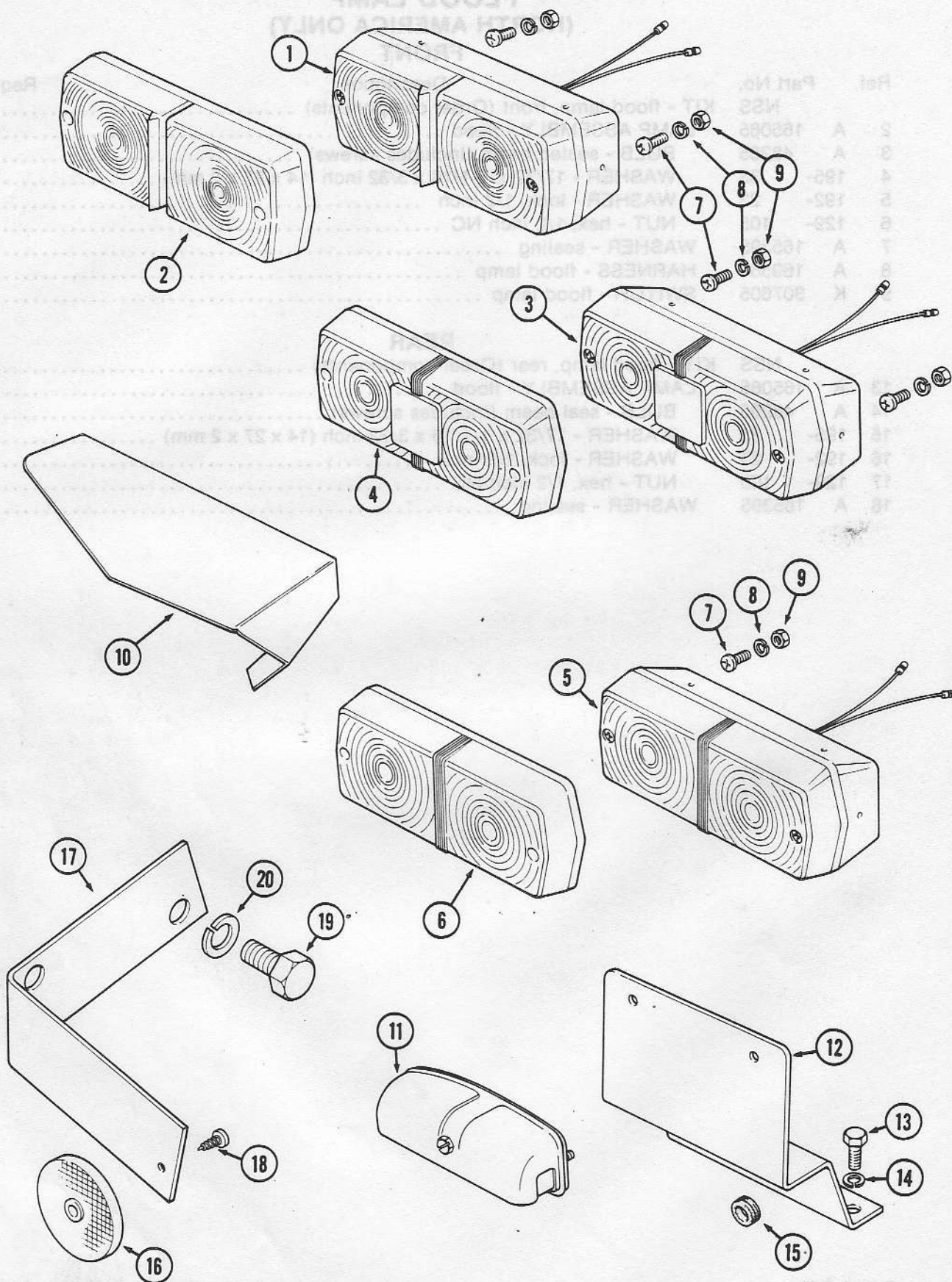
13. TRACTOR
REAR FLOOD LAMPS

FLOOD LAMP **(NORTH AMERICA ONLY)** **FRONT**

Ref.	Part No.	Description	Required
	NSS	KIT - flood lamp, front (Order components)	1
2	A 165065	LAMP ASSEMBLY - flood	2
3	A 48265	BULB - sealed beam (Includes screws)	1
4	195- 33	WASHER - 17/32 x 1-1/16 x 3/32 inch (14 x 27 x 2 mm)	1
5	192- 23	WASHER - lock, 1/2 inch	1
6	129- 105	NUT - hex, 1/2 inch NC	1
7	A 165395	WASHER - sealing	2
8	A 169562	HARNESS - flood lamp	1
9	K 307605	SWITCH - flood lamp	2

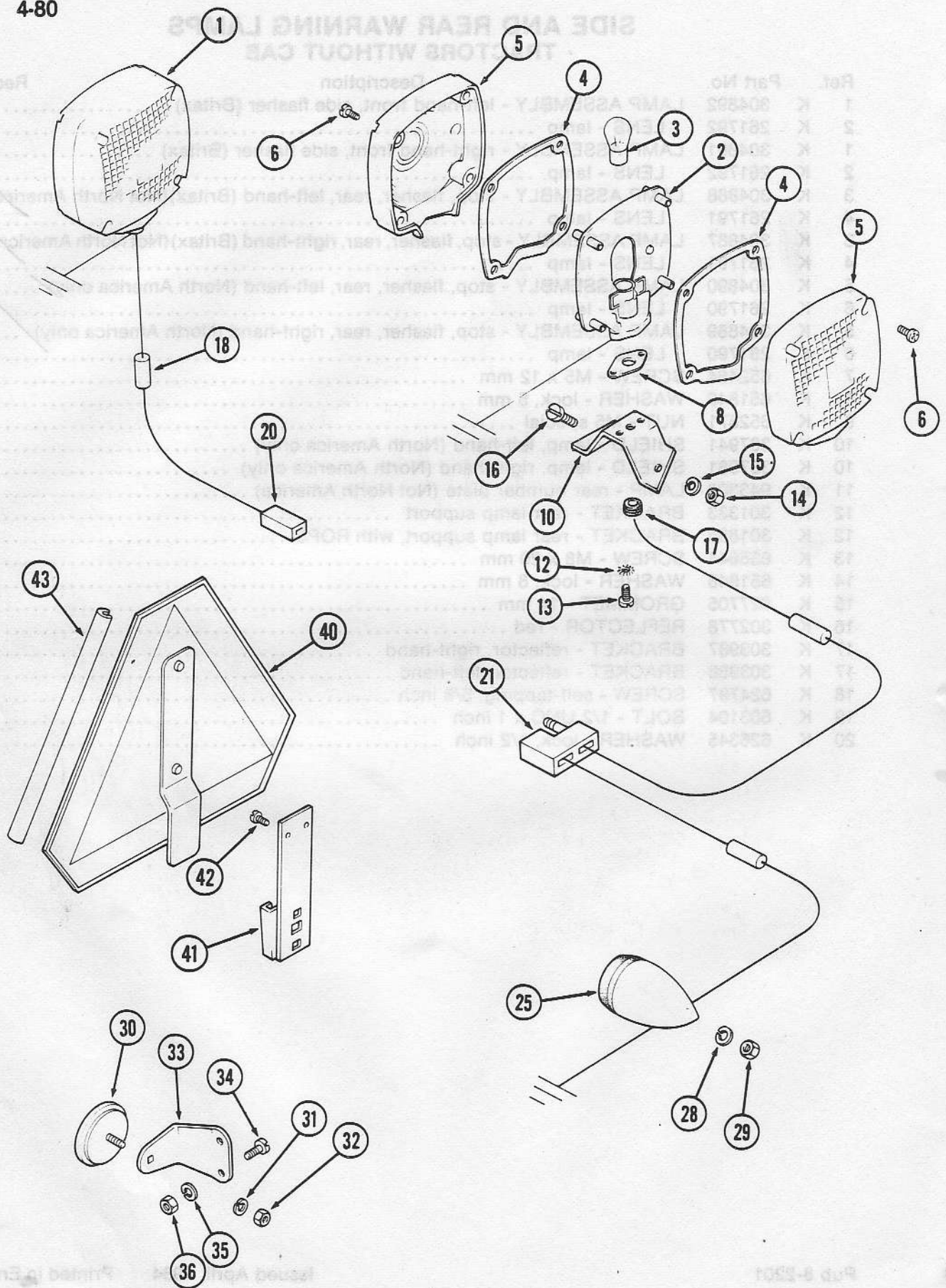
REAR

	NSS	KIT - flood lamp, rear (Order components)	1
13	A 165065	LAMP ASSEMBLY - flood	2
14	A 48265	BULB - seal beam (Includes screws)	1
15	195- 33	WASHER - 17/32 x 1-1/16 x 3/32 inch (14 x 27 x 2 mm)	1
16	192- 23	WASHER - lock, 1/2 inch	1
17	129- 105	NUT - hex, 1/2 inch NC	1
18	A 165395	WASHER - sealing	2



SIDE AND REAR WARNING LAMPS TRACTORS WITHOUT CAB

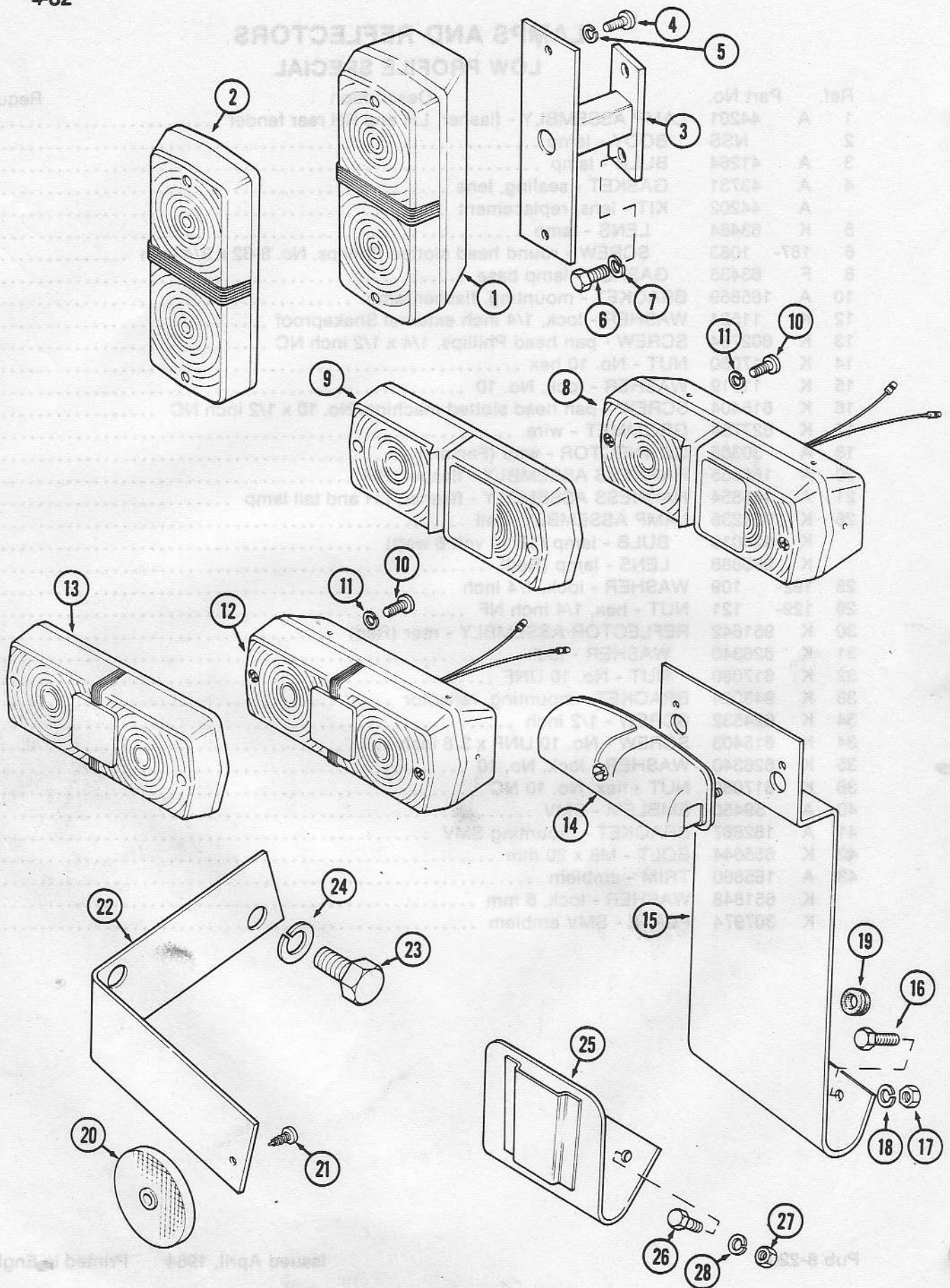
Ref.	Part No.	Description	Required
1	K 304892	LAMP ASSEMBLY - left-hand front, side flasher (Britax)	1
2	K 261792	LENS - lamp	1
1	K 304891	LAMP ASSEMBLY - right-hand front, side flasher (Britax)	1
2	K 261792	LENS - lamp	1
3	K 304888	LAMP ASSEMBLY - stop, flasher, rear, left-hand (Britax)(Not North America) ..	1
4	K 261791	LENS - lamp	1
3	K 304887	LAMP ASSEMBLY - stop, flasher, rear, right-hand (Britax)(Not North America) ..	1
4	K 261791	LENS - lamp	1
5	K 304890	LAMP ASSEMBLY - stop, flasher, rear, left-hand (North America only)	1
6	K 261790	LENS - lamp	1
5	K 304889	LAMP ASSEMBLY - stop, flasher, rear, right-hand (North America only)	1
6	K 261790	LENS - lamp	1
7	K 652464	SCREW - M5 x 12 mm	8
8	K 651846	WASHER - lock, 5 mm	8
9	K 652871	NUT - M5 special	8
10	K 307941	SHIELD - lamp, left-hand (North America only)	1
10	K 307981	SHIELD - lamp, right-hand (North America only)	1
11	K 943308	LAMP - rear number plate (Not North America)	1
12	K 301333	BRACKET - rear lamp support	1
12	K 301856	BRACKET - rear lamp support, with ROPS	1
13	K 655644	SCREW - M8 x 20 mm	2
14	K 651848	WASHER - lock, 8 mm	2
15	K 627705	GROMMET - 14 mm	1
16	K 302778	REFLECTOR - red	2
17	K 303987	BRACKET - reflector, right-hand	1
17	K 303988	BRACKET - reflector, left-hand	1
18	K 624797	SCREW - self-tapping, 5/8 inch	2
19	K 603104	BOLT - 1/2 UNC x 1 inch	4
20	K 626345	WASHER - lock, 1/2 inch	4



LAMPS AND REFLECTORS

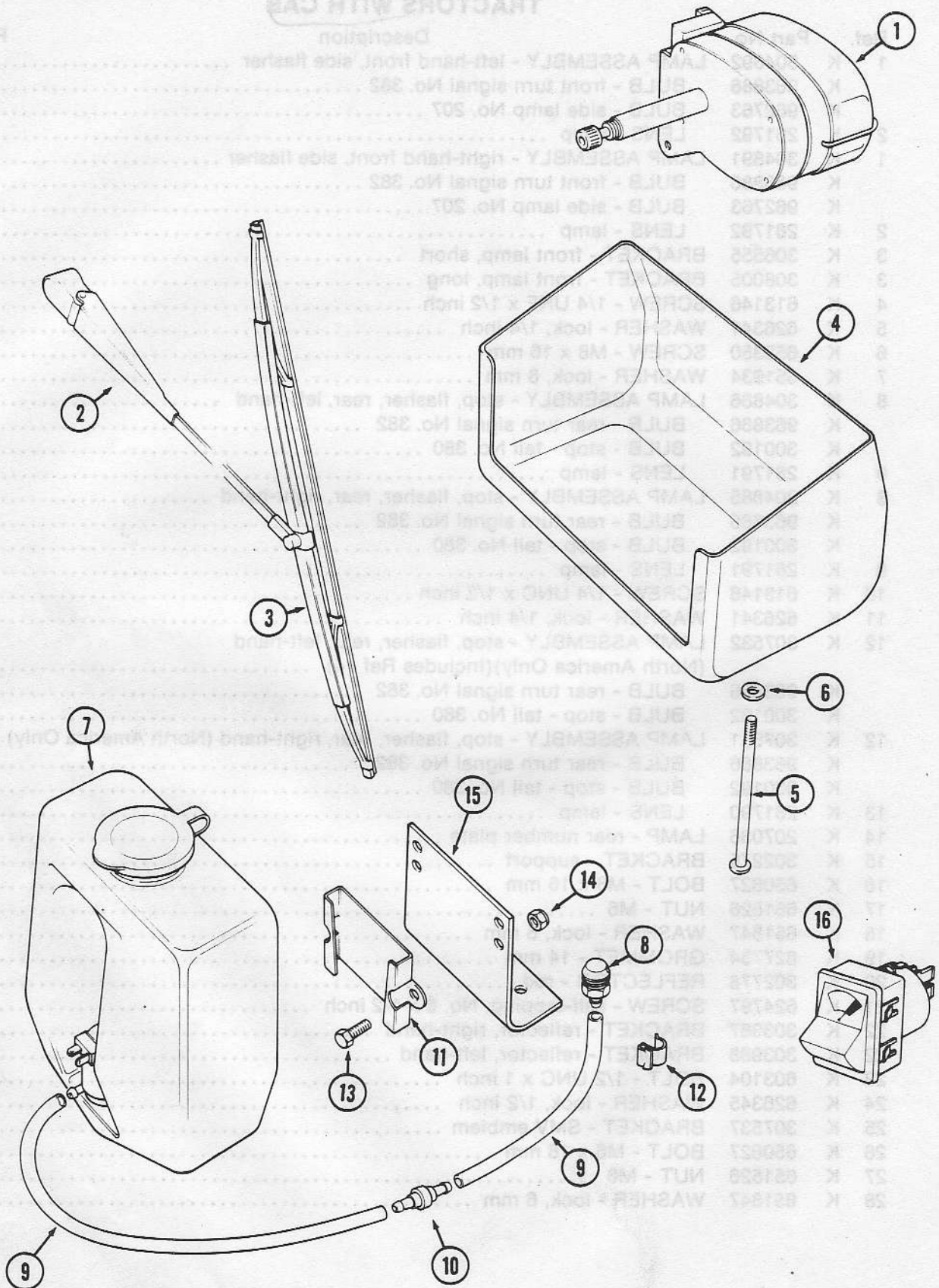
LOW PROFILE SPECIAL

Ref.	Part No.	Description	Required
1	A 44201	LAMP ASSEMBLY - flasher, LH and RH rear fender	2
2	NSS	BODY - lamp	1
3	A 41264	BULB - lamp	1
4	A 43731	GASKET - sealing, lens	2
	A 44202	KIT - lens, replacement	1
5	K 63464	LENS - lamp	2
6	187- 1083	SCREW - round head slotted Phillips, No. 8-32 x 3/4 inch	8
8	F 63435	GASKET - lamp base	1
10	A 165869	BRACKET - mounting, flasher lamp	2
12	K 11524	WASHER - lock, 1/4 inch external Shakeproof	4
13	K 602734	SCREW - pan head Phillips, 1/4 x 1/2 inch NC	4
14	K 617080	NUT - No. 10 hex	4
15	K 11519	WASHER - lock, No. 10	4
16	K 615404	SCREW - pan head slotted machine, No. 10 x 1/2 inch NC	4
17	K 627754	GROMMET - wire	4
18	A 30366	CONNECTOR - wire (Female)	2
20	A 165855	HARNESS ASSEMBLY - flasher, RH	1
21	A 165854	HARNESS ASSEMBLY - flasher, LH and tail lamp	1
25	K 921235	LAMP ASSEMBLY - tail	1
	K 924018	BULB - lamp (12/14 volt 6 watt)	1
	K 960888	LENS - lamp (Red)	1
28	192- 109	WASHER - lock, 1/4 inch	2
29	129- 121	NUT - hex, 1/4 inch NF	2
30	K 951642	REFLECTOR ASSEMBLY - rear (Red)	2
31	K 626340	WASHER - lock	1
32	K 617080	NUT - No. 10 UNF	1
33	K 943024	BRACKET - mounting, reflector	2
34	K 624532	SCREW - 1/2 inch	4
34	K 615403	SCREW - No. 10 UNF x 3/8 inch	4
35	K 626340	WASHER - lock, No. 10	4
36	K 617080	NUT - hex, No. 10 NC	4
40	A 59450	EMBLEM - SMV	1
41	A 162667	BRACKET - mounting SMV	1
42	K 655644	BOLT - M8 x 20 mm	2
43	A 165860	TRIM - emblem	1
	K 651848	WASHER - lock, 8 mm	2
	K 307974	PLATE - SMV emblem	1



SIDE AND REAR WARNING LAMPS TRACTORS WITH CAB

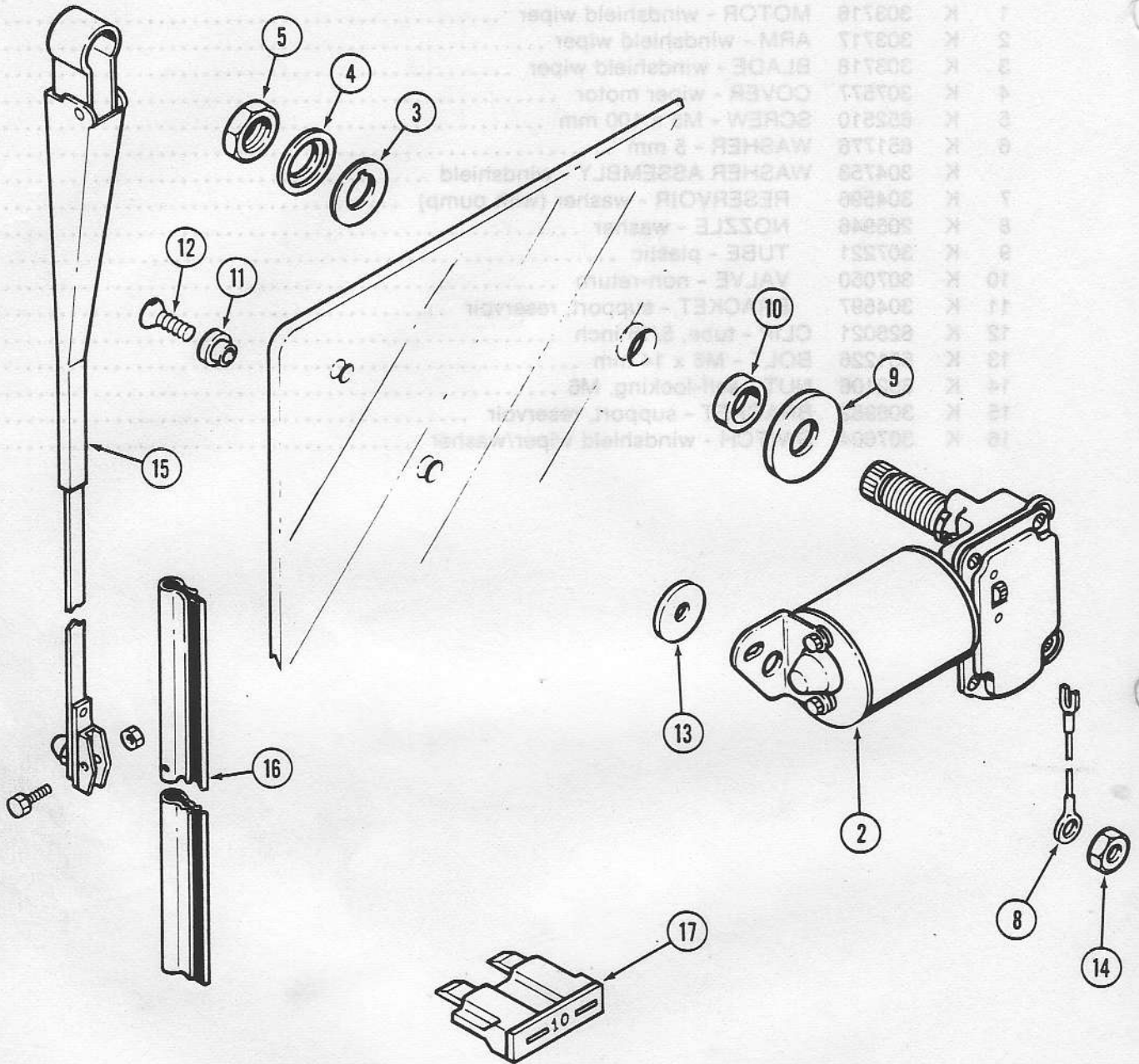
Ref.	Part No.	Description	Required
1	K 304892	LAMP ASSEMBLY - left-hand front, side flasher	1
	K 963886	BULB - front turn signal No. 382	1
	K 962763	BULB - side lamp No. 207	1
2	K 261792	LENS - lamp	1
1	K 304891	LAMP ASSEMBLY - right-hand front, side flasher	1
	K 963886	BULB - front turn signal No. 382	1
	K 962763	BULB - side lamp No. 207	1
2	K 261792	LENS - lamp	1
3	K 306555	BRACKET - front lamp, short	2
3	K 308005	BRACKET - front lamp, long	2
4	K 613146	SCREW - 1/4 UNF x 1/2 inch	4
5	K 626341	WASHER - lock, 1/4 inch	4
6	K 653350	SCREW - M8 x 16 mm	4
7	K 651934	WASHER - lock, 8 mm	4
8	K 304886	LAMP ASSEMBLY - stop, flasher, rear, left-hand	1
	K 963886	BULB - rear turn signal No. 382	1
	K 300192	BULB - stop - tail No. 380	1
9	K 261791	LENS - lamp	1
8	K 304885	LAMP ASSEMBLY - stop, flasher, rear, right-hand	1
	K 963886	BULB - rear turn signal No. 382	1
	K 300192	BULB - stop - tail No. 380	1
9	K 261791	LENS - lamp	1
10	K 613146	SCREW - 1/4 UNC x 1/2 inch	4
11	K 626341	WASHER - lock, 1/4 inch	4
12	K 307532	LAMP ASSEMBLY - stop, flasher, rear, left-hand (North America Only)(Includes Ref 14)	1
	K 963886	BULB - rear turn signal No. 382	1
	K 300192	BULB - stop - tail No. 380	1
12	K 307531	LAMP ASSEMBLY - stop, flasher, rear, right-hand (North America Only)	1
	K 963886	BULB - rear turn signal No. 382	1
	K 300192	BULB - stop - tail No. 380	1
13	K 261790	LENS - lamp	2
14	K 207036	LAMP - rear number plate	1
15	K 302275	BRACKET - support	1
16	K 650627	BOLT - M6 x 16 mm	2
17	K 651526	NUT - M6	2
18	K 651847	WASHER - lock, 6 mm	2
19	K 627754	GROMMET - 14 mm	1
20	K 302778	REFLECTOR - red	2
21	K 624797	SCREW - self-tapping, No. 6 x 1/2 inch	2
22	K 303987	BRACKET - reflector, right-hand	1
22	K 303988	BRACKET - reflector, left-hand	1
23	K 603104	BOLT - 1/2 UNC x 1 inch	4
24	K 626345	WASHER - lock, 1/2 inch	4
25	K 307537	BRACKET - SMV emblem	1
26	K 650627	BOLT - M6 x 16 mm	2
27	K 651526	NUT - M6	2
28	K 651847	WASHER - lock, 6 mm	2

SIDE AND REAR WARNING LAMPS
TRACTORS WITH CAB

WINDSHIELD WIPER AND WASHER TRACTORS WITH CAB

Ref.	Part No.	Description	Required
1	K 303716	MOTOR - windshield wiper	1
2	K 303717	ARM - windshield wiper	1
3	K 303718	BLADE - windshield wiper	1
4	K 307577	COVER - wiper motor	1
5	K 652510	SCREW - M5 x 100 mm	1
6	K 651776	WASHER - 5 mm	1
	K 304753	WASHER ASSEMBLY - windshield	1
7	K 304596	RESERVOIR - washer (with pump)	1
8	K 205946	NOZZLE - washer	1
9	K 307221	TUBE - plastic	UAR
10	K 307050	VALVE - non-return	1
11	K 304597	BRACKET - support, reservoir	1
12	K 625021	CLIP - tube, 5/16 inch	4
13	K 651226	BOLT - M6 x 14 mm	2
14	K 652106	NUT - self-locking, M6	2
15	K 306982	BRACKET - support, reservoir	1
16	K 307604	SWITCH - windshield wiper/washer	1

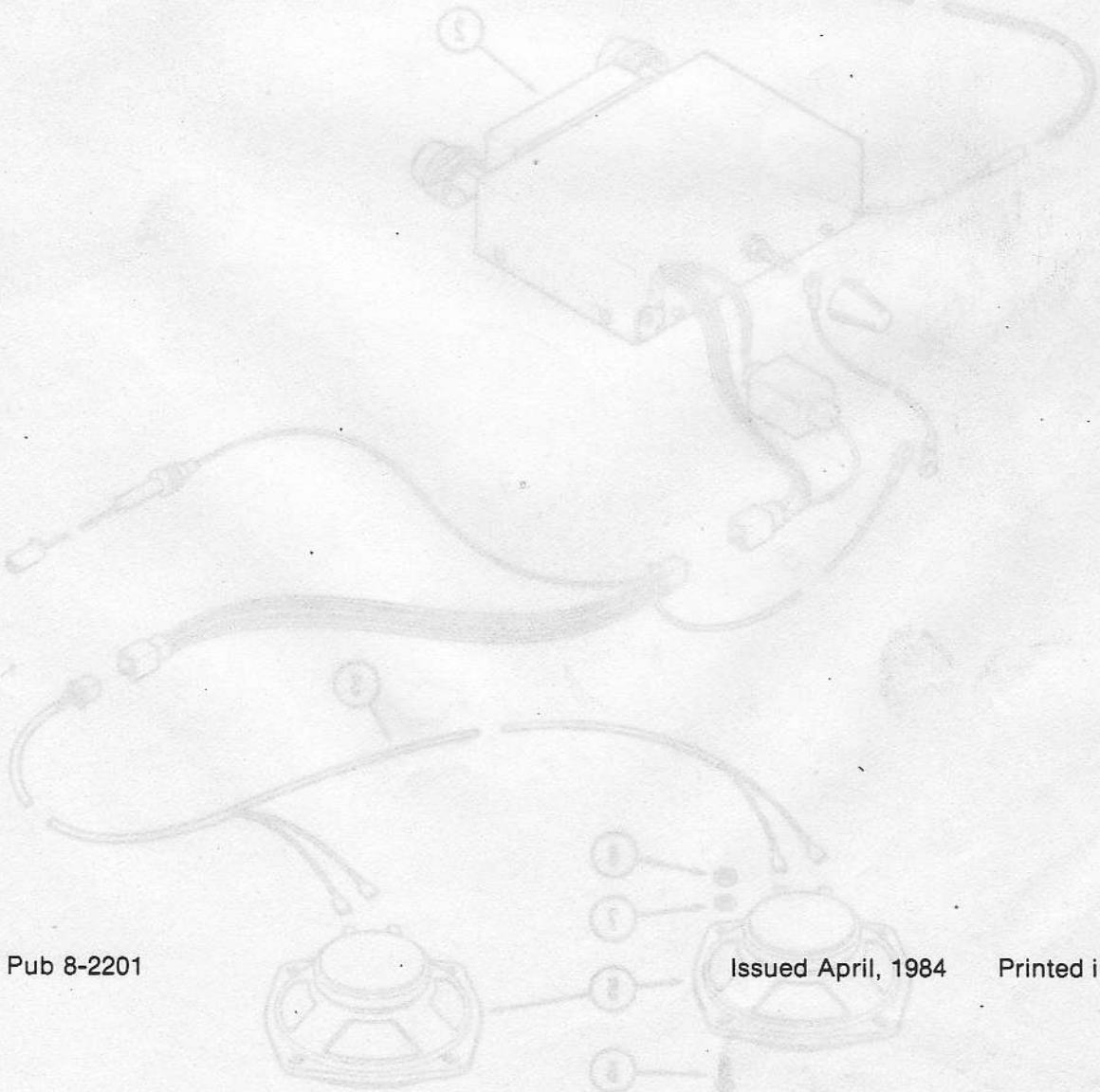
WINDSHIELD WIPER AND WASHER
TRACTORS WITH CAB



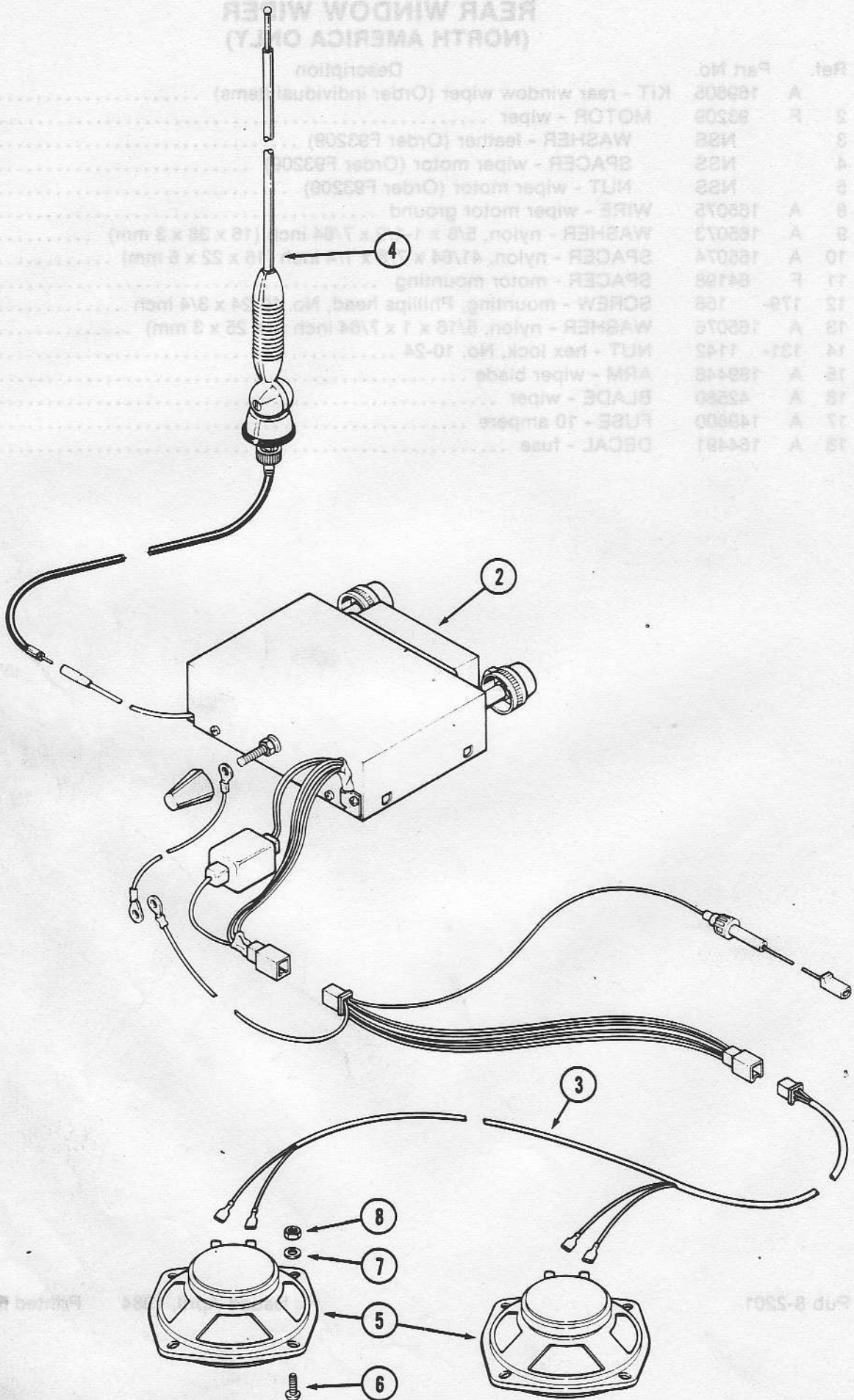
18
**COURTESY LITE
REAR WIPER
10A**
A164491

REAR WINDOW WIPER (NORTH AMERICA ONLY)

Ref.	Part No.	Description	Required
	A 169805	KIT - rear window wiper (Order individual items)	1
2	F 93209	MOTOR - wiper	1
3	NSS	WASHER - leather (Order F93209)	1
4	NSS	SPACER - wiper motor (Order F93209)	1
5	NSS	NUT - wiper motor (Order F93209)	1
8	A 165075	WIRE - wiper motor ground	1
9	A 165073	WASHER - nylon, 5/8 x 1-1/2 x 7/64 inch (16 x 38 x 3 mm)	1
10	A 165074	SPACER - nylon, 41/64 x 7/8 x 1/4 inch (16 x 22 x 6 mm)	1
11	F 64198	SPACER - motor mounting	1
12	179- 156	SCREW - mounting, Phillips head, No. 10-24 x 3/4 inch	1
13	A 165076	WASHER - nylon, 5/16 x 1 x 7/64 inch (8 x 25 x 3 mm)	1
14	131- 1142	NUT - hex lock, No. 10-24	1
15	A 169448	ARM - wiper blade	1
16	A 42580	BLADE - wiper	1
17	A 149800	FUSE - 10 ampere	1
18	A 164491	DECAL - fuse	1



REAR WINDOW WIPER (NORTH AMERICA ONLY)



133A TRACTOR

Ref.	Part No.	Description
1	169805	KIT - rear window wiper (Other individual items)
2	88209	MOTOR - wiper
3	1188	WASHER - leather (Order F83209)
4	1188	SPACER - wiper motor (Order F83209)
5	1188	NUT - wiper motor (Order F83209)
6	165075	WIRE - wiper motor ground
7	165073	WASHER - nylon, 5/16 x 7/84 inch (18 x 38 x 3 mm)
8	165074	SPACER - nylon, 47/64 x 1 x 7/84 inch (18 x 22 x 3 mm)
9	84198	SPACER - motor mounting
10	172	SCREW - mounting, Phillips head, No. 10-24
11	165075	WASHER - nylon, 5/16 x 1 x 7/84 inch (18 x 22 x 3 mm)
12	1142	NUT - hex lock, No. 10-24
13	165075	WASHER - nylon, 5/16 x 1 x 7/84 inch (18 x 22 x 3 mm)
14	165075	WASHER - nylon, 5/16 x 1 x 7/84 inch (18 x 22 x 3 mm)
15	165075	WASHER - nylon, 5/16 x 1 x 7/84 inch (18 x 22 x 3 mm)
16	165075	WASHER - nylon, 5/16 x 1 x 7/84 inch (18 x 22 x 3 mm)
17	165075	WASHER - nylon, 5/16 x 1 x 7/84 inch (18 x 22 x 3 mm)
18	165075	WASHER - nylon, 5/16 x 1 x 7/84 inch (18 x 22 x 3 mm)

RADIO AND ANTENNA (NORTH AMERICA ONLY)

Ref.	Part No.	Description	Required
A	167872	RADIO KIT - AM (Includes Ref 5 through 8)	1
2	NSS	RADIO - AM (Order A167872)(Reference No. A164228)	1
3	F 64727	HARNESS - speaker	1
4	A 62457	ANTENNA - radio	1
A	167873	RADIO KIT - AM-FM stereo (Includes Ref 5 through 8)	1
2	NSS	RADIO - AM-FM (Order A167873)(Reference No. A164227)	1
3	F 64727	HARNESS - speaker	1
4	A 62457	ANTENNA - radio	1
A	167874	RADIO KIT - AM-FM with eight track tape player (Includes Ref 5 through 8)	1
2	NSS	RADIO - AM-FM/eight track (Order A167874)(Reference No. A164229)	1
3	F 64727	HARNESS - speaker	1
4	A 62457	ANTENNA - radio	1
A	167505	CLEANER - tape player head (Not shown)	1
A	167875	RADIO KIT - AM-FM with cassette tape player	1
2	NSS	RADIO - AM-FM/Cassette (Order A167875)(Reference No. A164226)	1
3	F 64727	HARNESS - speaker	1
4	A 62457	ANTENNA - radio	1
A	167499	CLEANER - tape player head (Not shown)	1
5	A 169501	SPEAKER - radio	2
6	182- 584	SCREW - No. 10-24 x 3/4 inch	8
7	92- 3	WASHER - lock, 3/16 inch	8
8	129- .17	NUT - hex, No. 10-24	8

REFERENCE NUMBERS IN DESCRIPTION ARE FOR **CARES** USE ONLY AND CAN NOT BE ORDERED SEPARATELY.

RADIO AND ANTENNA (NORTH AMERICA ONLY)

Part No.	Description	Ref. No.
167875	RADIO KIT - AM (includes Ref 5 through 8)	A
167875	RADIO - AM (Order A167875) (Reference No. A164228)	2
64737	HARNES - speaker	3
62457	ANTENNA - radio	4
167873	RADIO KIT - AM-FM stereo (includes Ref 5 through 8)	A
167873	RADIO - AM-FM (Order A167873) (Reference No. A164227)	2
64737	HARNES - speaker	3
62457	ANTENNA - radio	4
167874	RADIO KIT - AM-FM with eight track tape player	A
167874	(includes Ref 5 through 8)	
167874	RADIO - AM-FM eight track (Order A167874) (Reference No. A164229)	2
64737	HARNES - speaker	3
62457	ANTENNA - radio	4
167875	CLEANER - tape player head (not shown)	A
167875	RADIO KIT - AM-FM with cassette tape player	A
167875	RADIO - AM-FM/Cassette (Order A167875) (Reference No. A164230)	2
64737	HARNES - speaker	3
62457	ANTENNA - radio	4
167489	CLEANER - tape player head (not shown)	A
168501	SPEAKER - radio	5
884	SCREW - No. 10-24 x 3/4 inch	6
83-	WASHER - lock, 3/16 inch	7
17	NUT - hex, No. 10-24	8

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