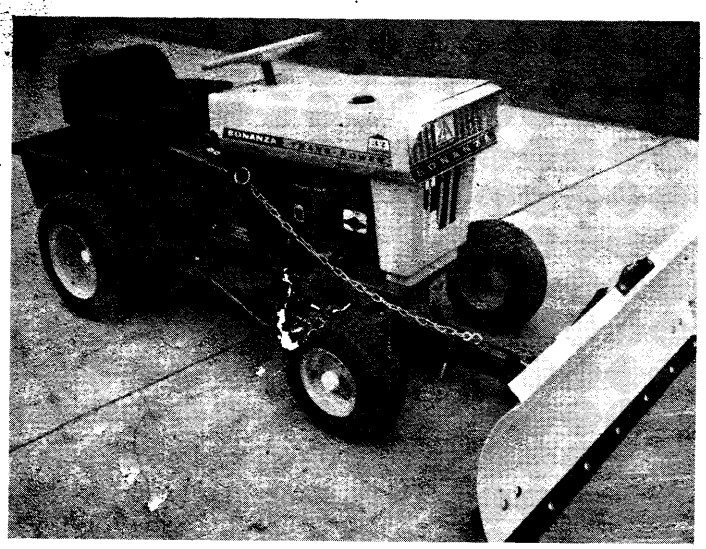

GENERAL APPLIANCE MFG. CO.

Omaha, Nebraska

PARTS & INSTRUCTION MANUAL

42" Snow Blade

(FOR USE ON 5 HP TRACTOR equipped with 15" rear wheels)

MODEL 8-SBL

(FOR USE ON 7 HP TRACTOR equipped with 16" rear wheels)

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FIG. 1–Assemble Scrapper Bar (A) to front side of Blade (B) using 3/8" x 1" long Carriage Bolts (C), 3/8'' Lock Washers (D), and 3/8" Hex Nuts (E). Make sure round head of bolts are on front side of blade.

Assemble Skids (F) to blade in center hole adjustment position using 3/8" x 1" long Carriage Bolts (C), 3/8" Lock Washers (D), and 3/8" Hex Nuts (E). Make sure round head of bolts are on front side of blade.

Assemble Pivot Bar (G) and Support Tube (H) to upper holes in weld bars on back side of blade, securing with 5/32" dia. x 1¼" Cotter Pins (J).

Assemble Spring Holder (K) to top side of blade as shown, with hole towards rear of blade. Secure with 3/8" x 1.0 Hex Head Bolts (L), 3/8" Lock Washers (D), and 3/8" Hex Nuts (E).

FIG. 2–Assemble ½" x 2½" Hex Bolts (A) and ½" Hex Nuts (B) into Pivot Plate Assembly (C) adjusted as shown. These bolts control blade fore and aft tilt angle and may be adjusted to various positions as needed.

Install Pivot Plate Assembly (C) to lower holes in weld bars on blade using Pivot Bar (D) and secure with 5/32" dia. x 1¼" Cotter Pins (E). Slide Push Tube Assembly (F) into Pivot Plate Assembly (C) as shown.

Install ¾" x 4" Hex Bolt (G) thru bottom side and secure with ¾" Hex Jam Nut (H) **MAKING SURE PUSH TUBE ASSEMBLY IS FREE TO PIVOT.** Next drop ¾" Flat Washer (J) on bolt with small hole towards rear of blade and secure with other ¾" Jam Nut (H).

Drop 3/8" x 4½" Hex Bolt (K) into Trip Spring (L). Insert hook end of spring thru hole in ¾" hex bolt and connect spring at top of blade (as shown), securing with 3/8" Hex Nut (M).

Assemble Angle Lock Spring (N) into hole of Washer (J) and top hole of Angling Bar Assembly (O). Feed angling bar assembly thru slot in push tube assembly and drive spirol pin into bottom hole.

Assemble ¼" hex lock nut on angling bar assembly **AS FAR DOWN AS IT WILL GO.** Insert Latch Assembly (R) as shown, and fasten to push tube assembly securing with Lift Yoke Pin (S) and Hairpin Cotter (T). Next, insert Compression Spring (U) behind latch assembly and secure with ¼" Flat Washer (V) and ¼" Hex Lock Nut (Q).

Assemble "S" Hook (W) thru one end of Chain (X) and ring thru other. (Refer to Fig. 9 for installation).

ASSEMBLY: THE 42" DOZER BLADE is shipped completely disassembled. By following the step by step instructions, considerable time and effort will be saved in assembly and mounting to tractor.

FIRST, install tire chains to rear tires of tractor.

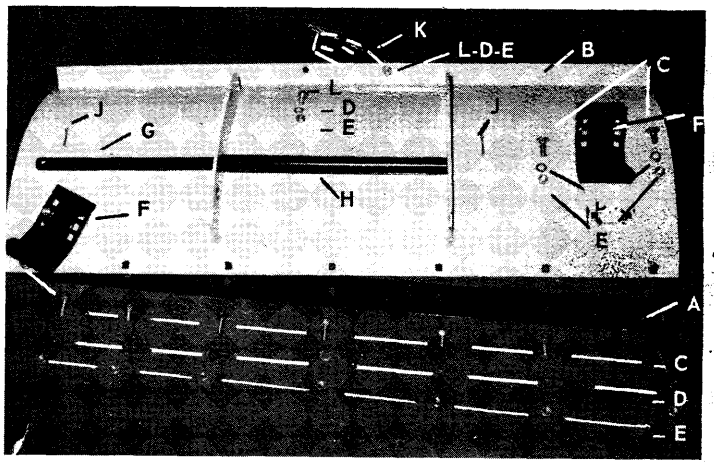


FIG. 1

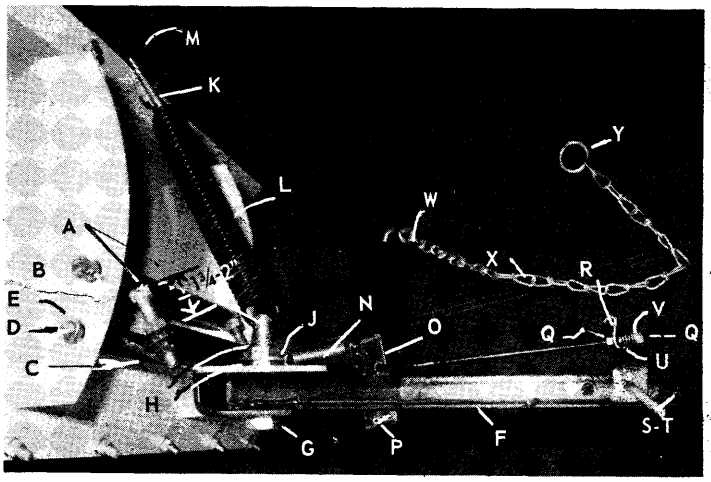


FIG. 2

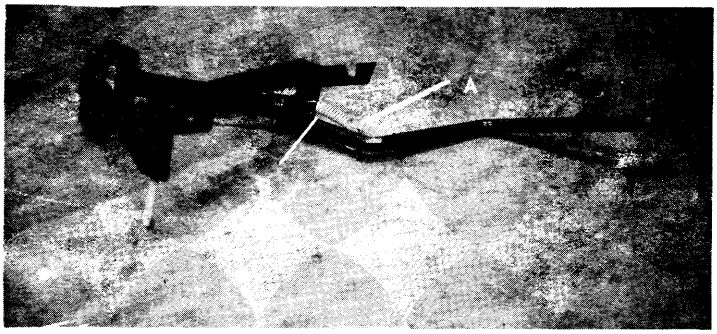


FIG. 3

FIG. 3–Insert 5/32" dia. x 1¼" Cotter Pin (A) thru hole in Lift Yoke Assembly (B) as shown, and spread. Install Spring (C) with "V" shaped end to tab welded on lift yoke assembly and other end thru cotter pin head.

PREPARATION OF TRACTOR

FIG. 4–In order to make this assembly, the axle pivot pin must be partially removed. This can be done by removing roll pin from front of pin and the cotter pin from the rear. **DO NOT REMOVE PIN FROM TRACTOR,** but pull out far enough to install Latch Bracket (A). (Lip on bracket must be facing rear of tractor, as shown.) Reinstall roll pin and push pin back, making sure roll pin nests in groove in latch bracket. Reinstall cotter pin.

FIG. 5–Install rear mount tab assemblies to rear of tractor frame as shown, making sure RH Assembly (A) is on RH side of tractor and LH Assembly (B) on LH side. Feed 3/8" Threaded Rod (C) thru the outer holes in mount tabs and secure with 3/8" Lock Washers (D) and 3/8" Hex Nuts (E). Slide both mount tabs back till they contact tractor frame. Insert 3/8" x 1" Hex Bolts (F) into mount tabs and secure with 3/8" Square Nuts (G) on bottom side and tighten.

MOUNTING OF BLADE TO TRACTOR

FIG. 6–Slide completed Blade Assembly (A) under tractor from front, attaching rear clevis brackets of blade to Mounting Tabs (B) on tractor as shown. Secure with Rear Mounting Pins (C) and Hairpin Cotters (D).

Chain is installed as shown in Fig. 9. (Ring slips over P. T. O. control rod at one end and thru hole in angling bar assembly at other end.

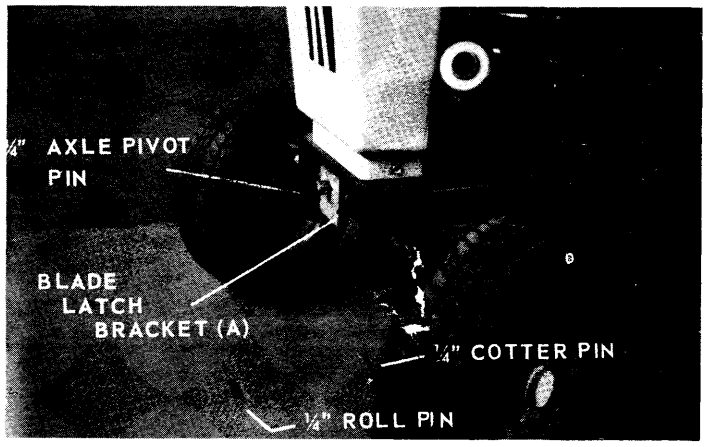


FIG. 4

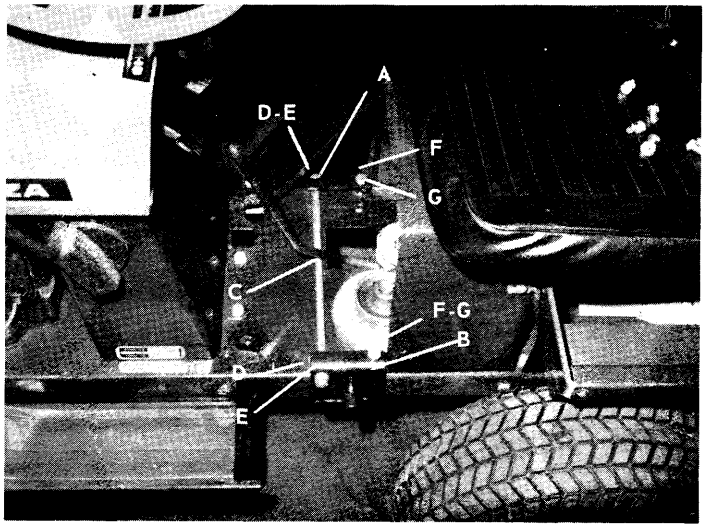


FIG. 5

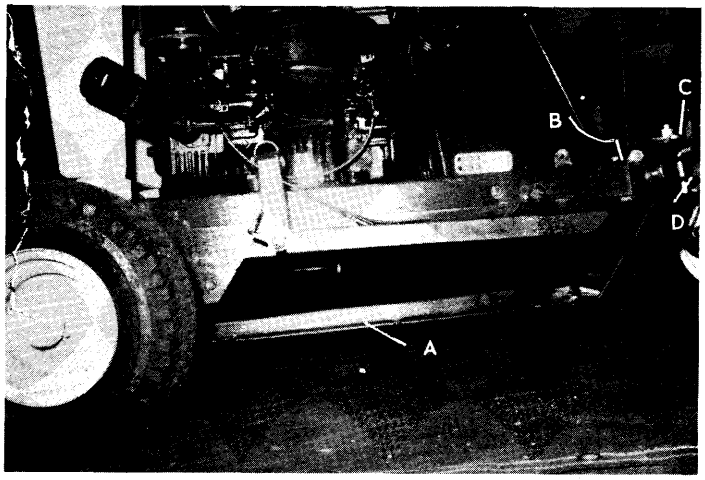


FIG. 6

ADJUSTMENT OF TRANSPORT LOCK

FIG. 7–Making sure ¼" Hex Lock Nut (A) is tightened as far as possible on Angling Bar Assembly (B), raise front of Blade & Interlock Latch Assembly (D) and Latch Bracket (E). The blade should stay up on its own.

Next, adjust ¼" Hex Lock Nut (A) to within 1/8"-3/16" of latch assembly (as shown). Tighten ¼" hex lock nut behind latch assembly till spring compresses approximately ¼". Raise front of blade, pull back on Chain (F) and blade should unlatch. If blade does not automatically latch in Transport when raised, re-position ¼" Hex Nut (A) till binding is eliminated.

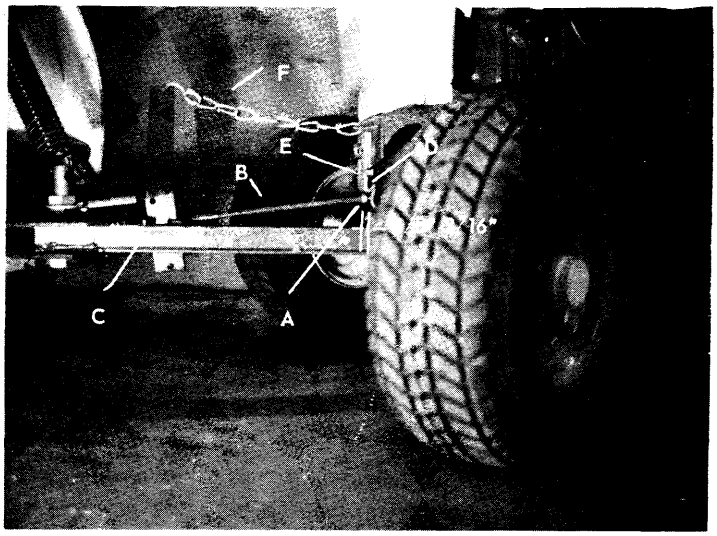


FIG. 7

FIG. 8–Insert Lift Yoke Assembly (A) under tractor as shown. Foot lift rod should be on RH side of tractor. Push the lift yoke assembly back onto the front mower hitch and lock in place in the same manner as the mower. Drop the front yoke of the lift yoke assembly over the frame of the Blade Push Tube Assembly (B). Secure with Lift Yoke Pin (C) and Hairpin Cotter (D).

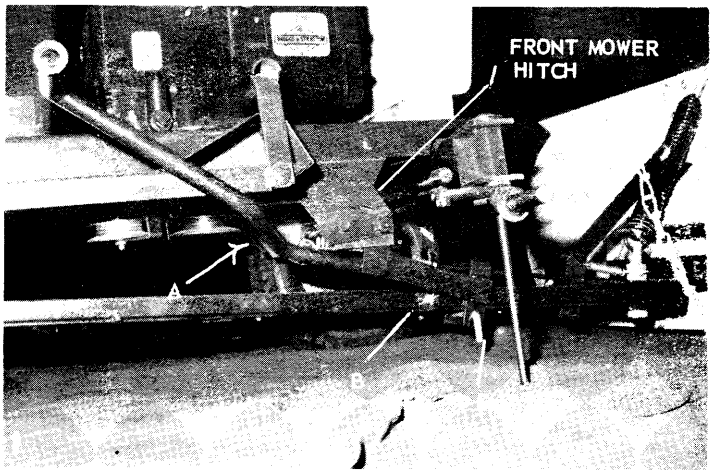


FIG. 8

OPERATION

SEE FIG. 9

Blade is raised to Transport by pushing down on Lift Yoke Assembly (A) with foot till blade latches automatically. Blade is lowered by pushing down on Lift Yoke Assembly (relieving pressure on Latch Brackets). Pull back on chain, and blade unlatches.

The blade may be angled right or left by unlatching and dropping it to the ground, pulling back on chain and pushing corner of blade against curb or other obstacle. Release chain and blade angle will automatically lock in place.

The blade fore and aft tilt is adjustable by means of adjusting bolts described in Fig. 2.

When removing snow on gravel, brick, or uneven surfaces, adjust skids downward on blade so that weight of blade is carried on skids.

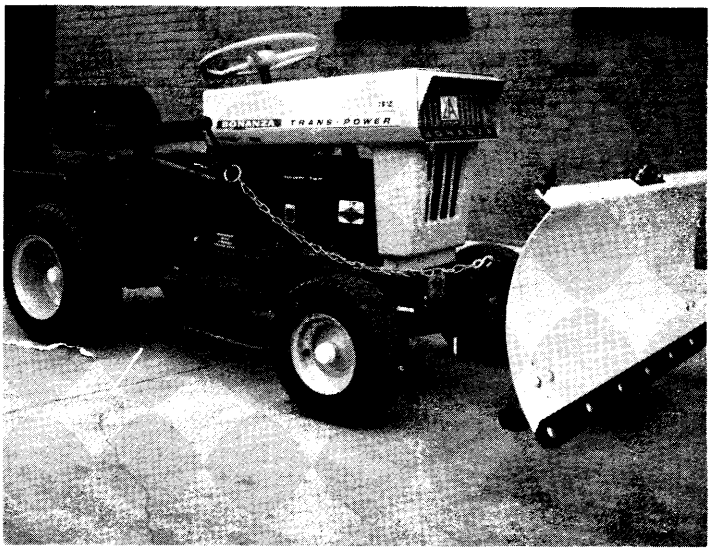
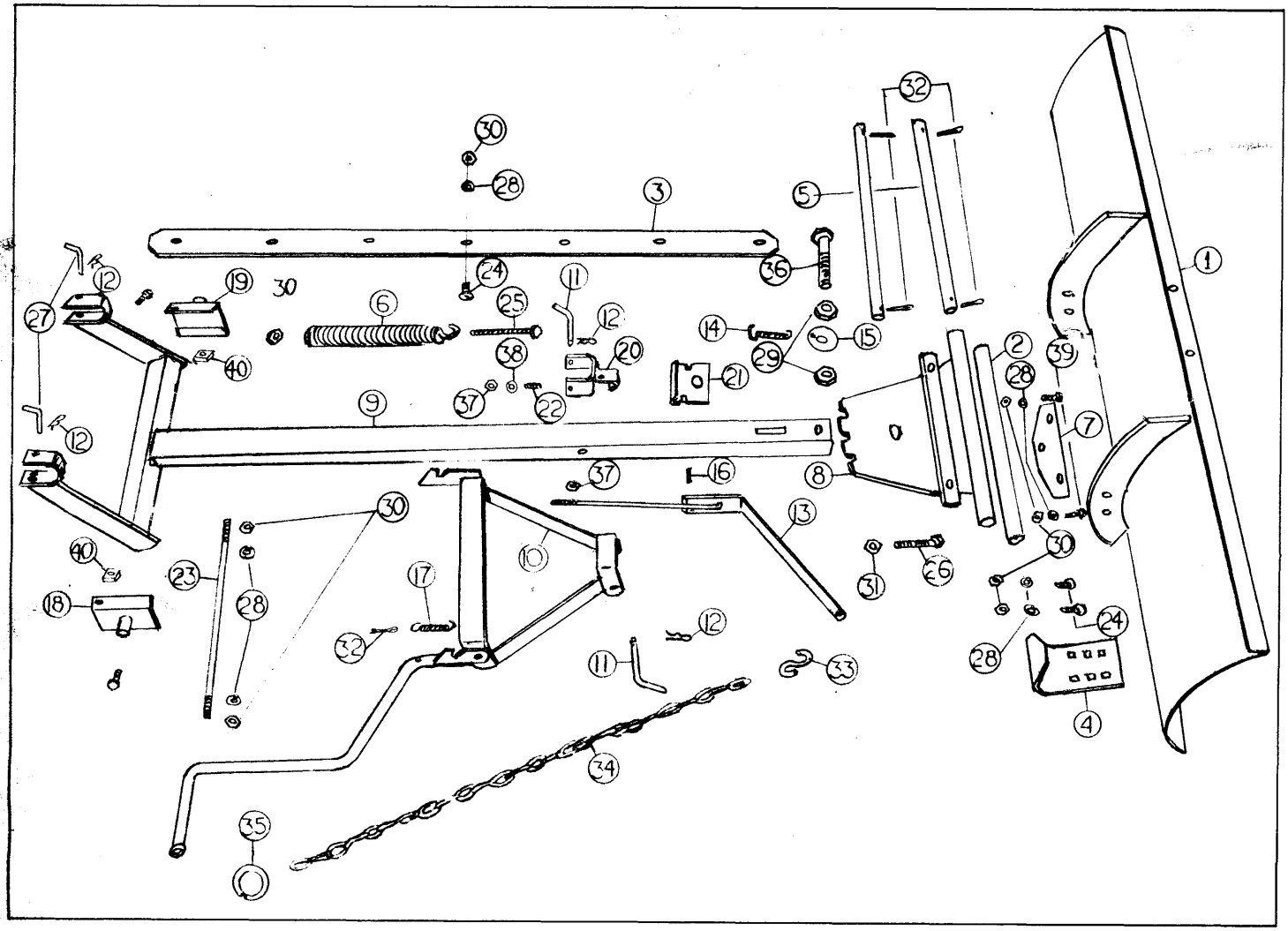


FIG. 9



SERVICE PARTS LIST - 42" DOZER BLADE - MODEL 8-SBL

REF. NO.	PART NO.	QUAN.	DESCRIPTION	REF. NO.	PART NO.	QUAN.	DESCRIPTION
1	Z171Z2	1	Blade Ass'm–42"	22	Z176Z1	1	Compression Spring
2	Z171Z5	1	Support Tube	23	Z176Z7	1	Rod, Threaded (3/8" D.)
3	Z171Z6	1	Plate Wear	24	G-371	11	Bolt, Carriage 3/8-16 x 1"
4	Z171Z7	2	Skid	25	G-370	1	Bolt, Hex Hd. Full Thd. 3/8-16x4½
5	Z171Z8	2	Pivot, Blade	26	G-373	2	Bolt, Hex Hd. Full Thd. ½-13 x 2½
6	Z171Z9	1	Trip Spring	27	Z176Z3	2	Pin, Rear Mount
7	Z172Z1	1	Spring Holder	28	G-163	15	Lock Washer, 3/8" Med.
8	Z172Z2	1	Pivot Plate Ass'm	29	G-313	2	Hex Jam Nut, ¾"-10
9	Z172Z7	1	Push Tube Ass'm	30	G-315	16	Hex Nut, 3/8-16
10	Z173Z5	1	Lift Yoke Ass'm	31	G-351	2	Hex Nut, ½-13
11	Z174Z5	2	Pin, Lift Yoke	32	G-376	5	Cotter Pin, 5/32 D. x 1¼
12	G-369	4	Hairpin Cotter	33	Z176Z4	1	"S" Hook
13	Z174Z6	1	Angling Bar Ass'm	34	Z176Z5	1	Chain
14	Z176Z8	1	Angling Lock Spring	35	Z176Z6	1	Ring
15	G-370	1	Washer ¾"	36	G-375	1	Bolt, Hex Hd. (drilled)
16	G-305	1	Spirol Pin–¼" D.	37	G-106	2	Hex Nut (Lock) ¼-20
17	I-08611	1	Spring, Latch	38	G-173	1	Plain Washer, ¼ SAE
18	Z174Z9	1	Rear Mount Tab Ass'm. RH	39	G-377	4	Bolt, Hex Hd.–3/8-16 x 1"
19	Z175Z1	1	Rear Mount Tab Ass'm. LH	40	G-374	2	Square Nut, 3/8-16
20	Z175Z6	1	Latch Ass'm–Transport	41	Z177Z3	1	(Tire Chain Kit (for 15" tires) (Tire Chain Kit (for 16" tires)
21	Z175Z9	1	Latch Bracket				

* Furnished with MODEL 528 ONLY
** Furnished with MODEL 732 ONLY