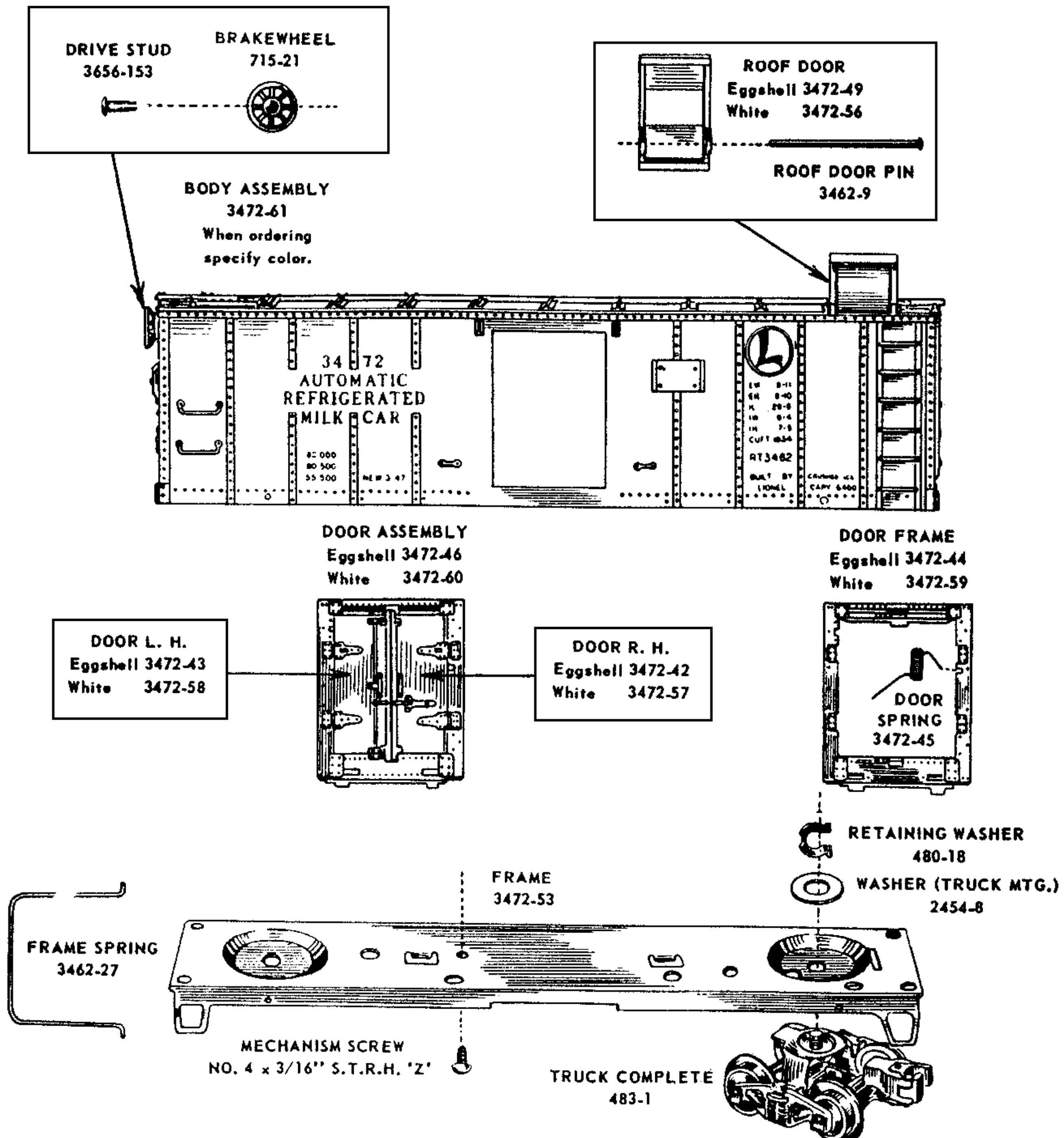


SERVICE MANUAL

MILK CAR NO. 3472 (1950 MODEL)

No. 3472 Milk Car produced in 1950 and thereafter differs from earlier models principally in the following respects: The metal swinging doors replaced by plastic doors and door frames. The roof door enlarged and rehung for easier opening. The mechanism redesigned for better assembly and operation and the car frame changed to accommodate the new doors.

In order to remove the car body from the frame, the frame springs must first be taken out in the usual fashion and the plastic door frames snapped out by pulling outward from the bottom. When replacing doors be careful to examine them for burrs along the edges and also on the inner surface where they might interfere with the door-opening part of the mechanism.

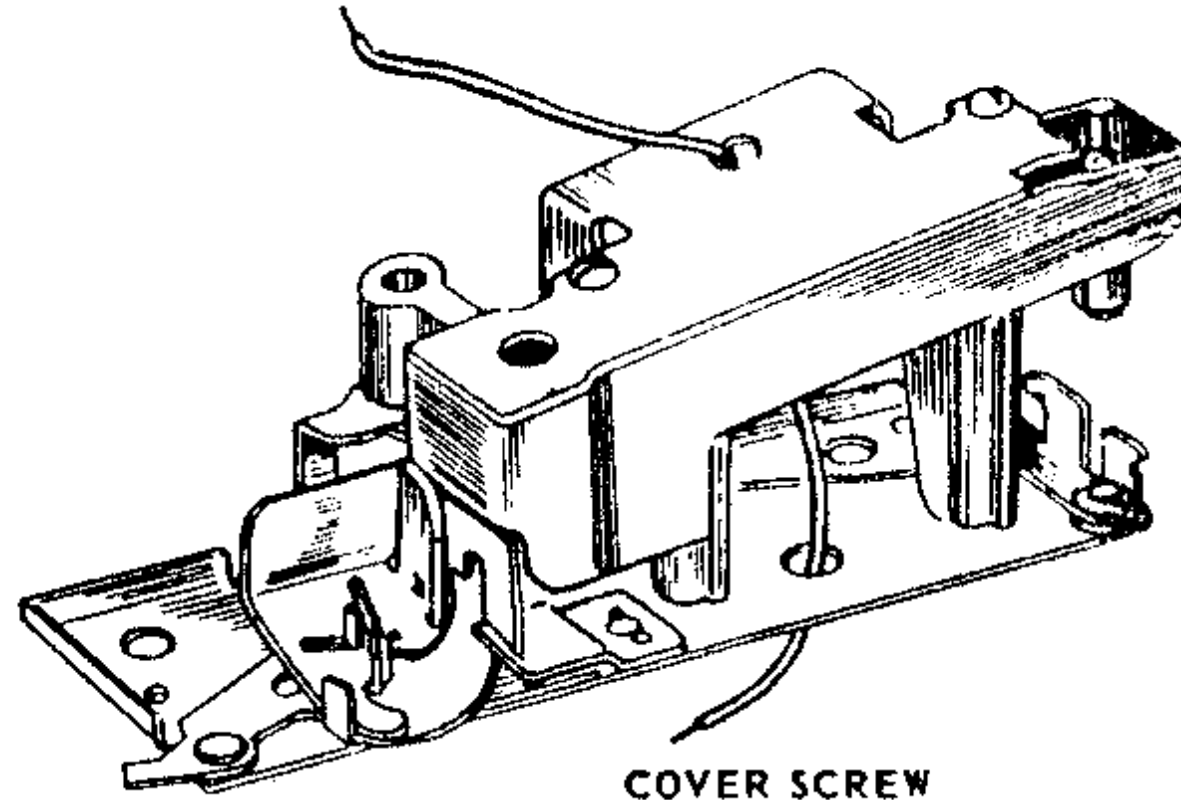


SERVICE MANUAL

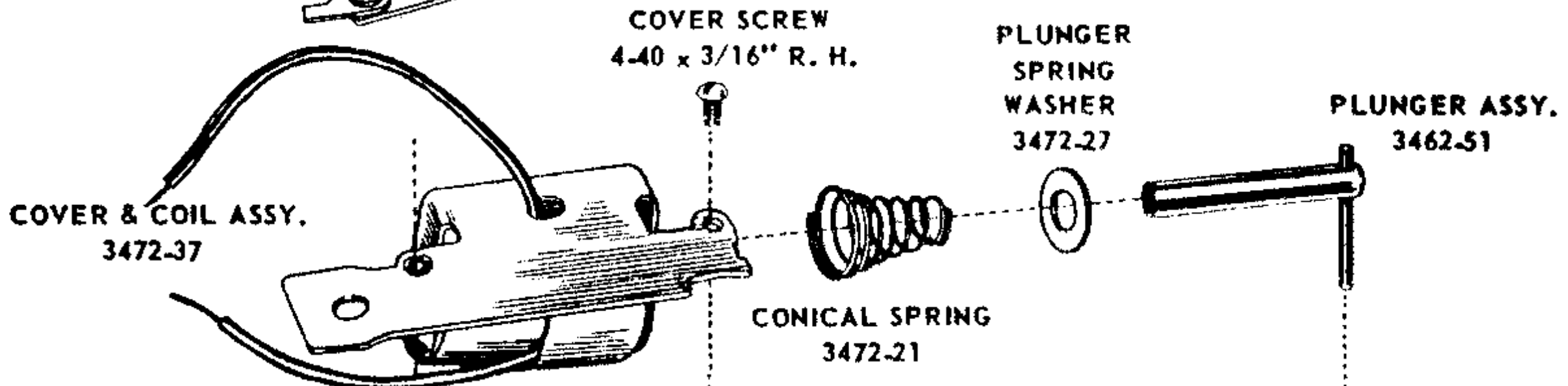
OTTP. 95



FIGURE 3472-36



MECHANISM COMPLETE
3472-33
(Figure Not Included)



COVER & COIL ASSY.
3472-37

COVER SCREW
4-40 x 3/16" R. H.

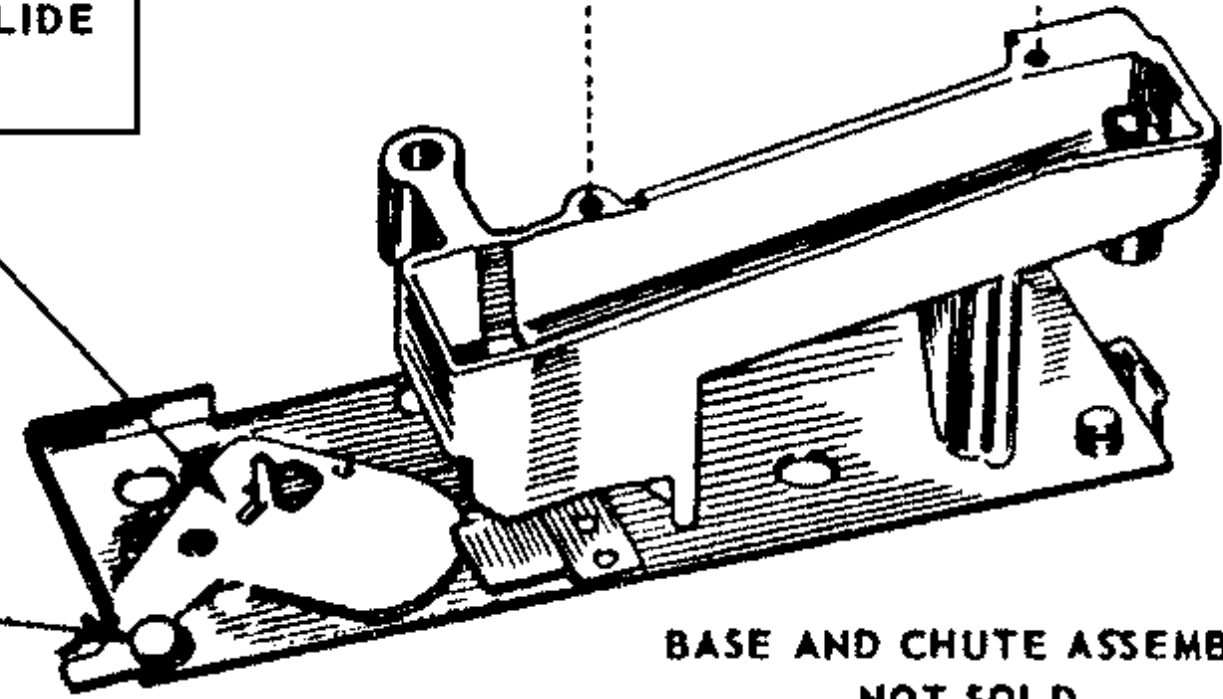
PLUNGER
SPRING
WASHER
3472-27

PLUNGER ASSY.
3462-51

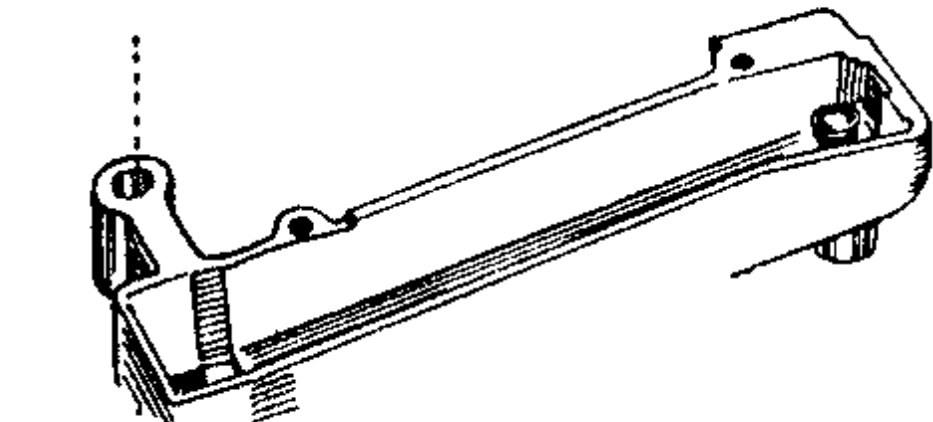
CONICAL SPRING
3472-21

PLATFORM SLIDE
3472-19

RIVET
76-16



BASE AND CHUTE ASSEMBLY
NOT SOLD



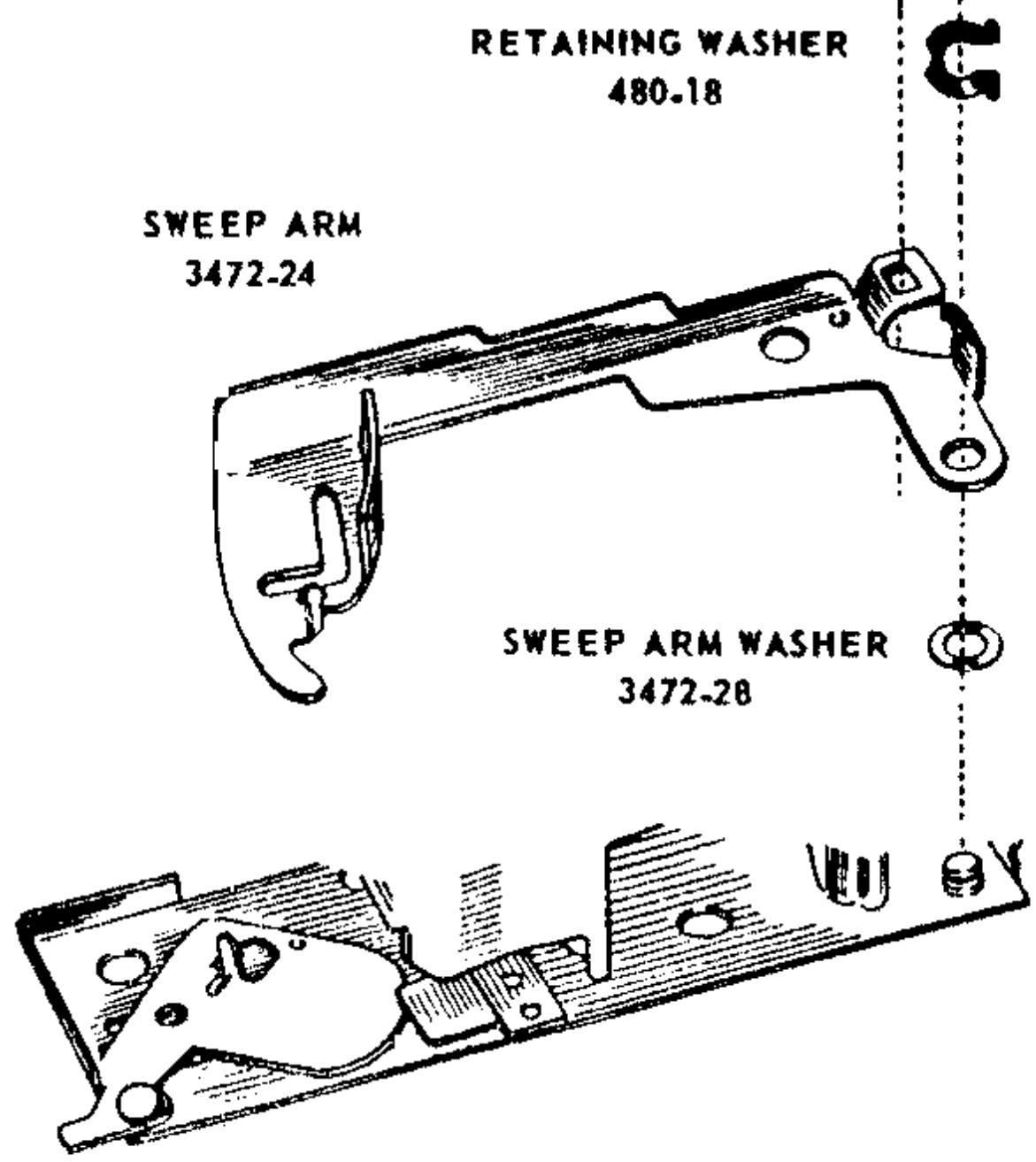
CAN SWEEP ARM
3472-25

CAN SWEEP ARM SCREW
6-32 x 3/16" B. H.

SWEEP ARM
3472-24

RETAINING WASHER
480-18

SWEEP ARM WASHER
3472-28



SERVICE MANUAL

REPLACEMENT PARTS FOR NO. 3472 MILK CAR (1950 Model)

Part No.	Part Name	List Price
76-16	Rivet	.05
480-18	Retaining Washer	.02
483-1	Truck Complete	1.50
715-21	Brakewheel	.10
2454-8	Truck Mounting Washer	.02
3462-9	Roof Door Pin	.02
3462-27	Frame Spring	.10
3462-51	Plunger Assembly	.25
3472-19	Platform Slide	.15
3472-21	Conical Spring	.05
3472-24	Sweep Arm	.15
3472-25	Can Sweep Arm	.15
3472-27	Conical Spring Washer	.05
3472-28	Sweep Arm Washer	.02
3472-33	Mechanism Complete	4.50
3472-36	Figure	.20
3472-37	Cover & Coil Assembly	1.75
3472-42	Door R. H. (Eggshell)	.10
3472-43	Door L. H. (Eggshell)	.10
3472-44	Door Frame (Eggshell)	.15
3472-45	Door Spring	.05
3472-46	Door Assembly (Eggshell)	.50
3472-49	Roof Door (Eggshell)	.20
3472-53	Car Frame	1.00
3472-56	Roof Door (White)	.20
3472-57	Door R. H. (White)	.10
3472-58	Door L. H. (White)	.10
3472-59	Door Frame (White)	.15
3472-60	Door Assembly (White)	.50
3472-61	Body Assembly	2.75
3656-153	Drive Stud	.05
4 x 3/16"	S.T.R.H. 'Z' Mechanism Mtg. Screw	.02
4-40 x 3/16"	R.H. Cover Screw	.02
6-32 x 3/16"	B.H. Can Sweep Arm Screw	.02

For replacement parts for other models of the Milk Car see previous pages.

SERVICE MANUAL

NO. 3472 - MILK CAR (1950 MODEL)

<u>Part Number</u>	<u>Location</u>	<u>Unit Price</u>	<u>Min. Quan.</u>	<u>Description</u>
76-16	H-66	.05	12	Platform Slide Rivet
480-18	G-52	.03	50	Retaining Washer
481-10	E-13	.75	6	Bottom Plate W/Coupler & Roller
715-21	L-41	.10	12	Brakewheel
2454-8	L-92	.02	25	Truck Mtg. Washer
3462-9	L-105	.02	25	Roof Door Pin
3462-27	L-105	.10	6	Frame Spring
3462-51	L-37	.30		Plunger Assem.
3472-19	L-65	.20		Platform Slide
3472-21	L-67	.05	12	Conical Spring
3472-24	L-86	.20		Sweep Arm
3472-25	L-65	.20		Cam Sweep Arm
3472-27	L-86	.05	12	Conical Spring Washer
3472-28	L-86	.02	25	Sweep Arm Washer
3472-33	Sub. 3482-39			Mechanism Complete
3472-36	L-86	.30		Figure
3472-37	L-76	1.75		Cover & Coil Assem.
3472-42	M-35	.10	6	Door RH (Eggshell)
3472-43	M-35	.10	6	Door LH (Eggshell)
3472-44	D-42	.20		Door Frame (Eggshell)
3472-45	M-63	.05	12	Door Spring
3472-46	Sub. 3482-32			Door & Frame Assem. (Eggshell)
3472-49	M-63	.25		Roof Door (Eggshell)
3472-53	D-22	1.00		Car Frame
3472-56	M-63	.20		Roof Door (White)
3472-57	Sub. 3472-42			Door RH (White)
3472-58	Sub. 3472-43			Door LH (White)
3472-59	M-36	.15	4	Door Frame (White)
3472-60	Sub. 3482-32			Door Assem. (White)
3472-61	M-73	3.00		Body Assem.
3482-32	L-31	.50		Door & Frame Assem.
3482-39	L-44	4.50		Mechanism Complete
3656-153	M-48	.02	25	Brakewheel Stud
PT-1	H-21	1.00	12	Plain Truck
4 x 3/16"		.02	25	RHST "Z" Mechanism Mtg. Screw
4-40 x 3/16"		.02	25	RH Cover Screw
6-32 x 3/16"		.02	25	BH Cam Sweep Arm Screw

This assembly is shown in Figure 2. Note that the plunger rod must project from the top of the plunger in order to retain the spring and washer assembly.

3. In "027" outfits the action of the Milk Car can frequently be improved by making sure that the milk car unloading platform is the proper distance away from the remote control track section. For best results the platform should be as close to the car as possible without interfering with the opening doors.

This adjustment can be made in the platform base, by regulating the width of the slot shown in Figure 3. If the slot is too narrow to permit the car to move away from the platform it should be filed out. If too wide, a thin spacer, such as a paper matchstick, can be used to keep the track section in proper position.

4. In case of plastic car doors, used from 1950 on, examine the door and the door frame for possible molding "flash" and smooth off any projections which might cause the doors to stick. One particular potentially troublesome spot is shown in Figure 4.

5. The performance of the car can be generally improved by proper lubrication. Lionel lubricant should be used on all pivoting points, and graphite powder may be used on the plunger and sliding surfaces.

