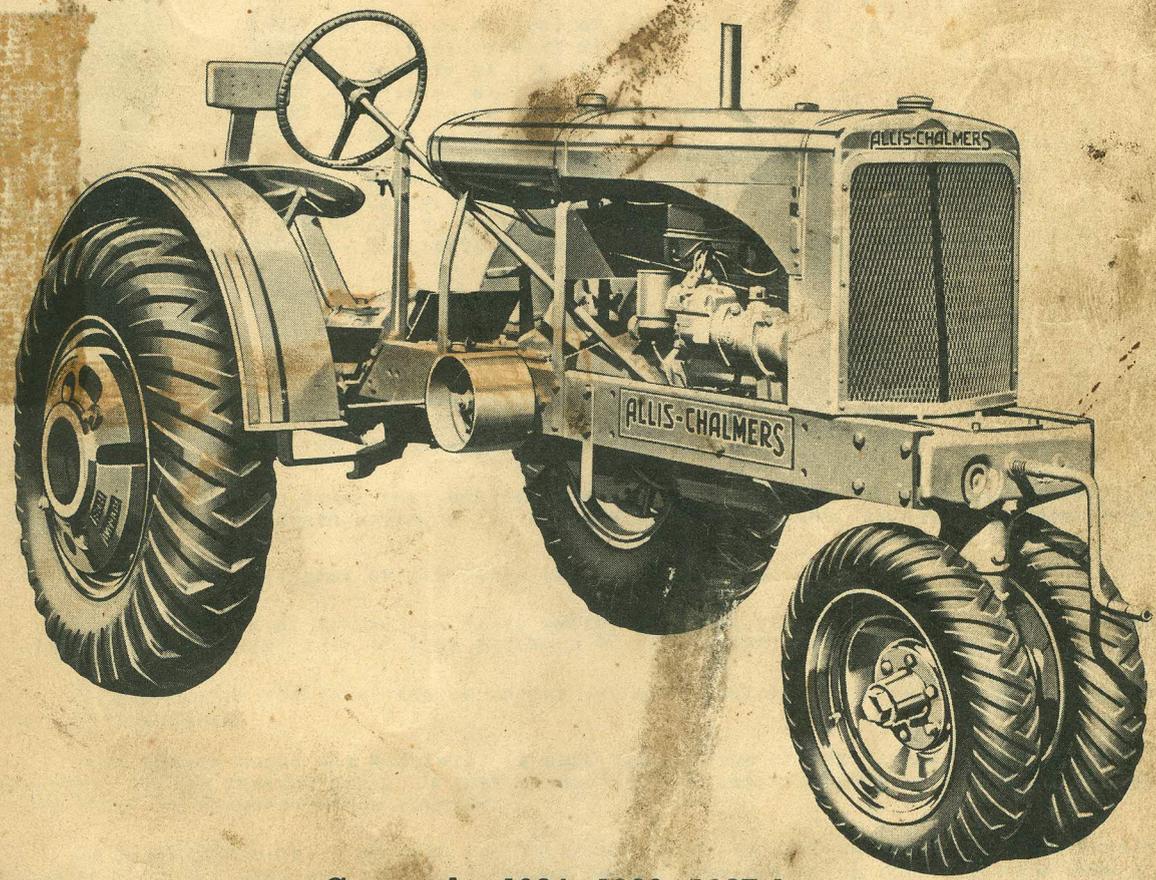


WC
147753-3

7309

*Floyd
1935
Reed
1936*

**PARTS BOOK
AND
OPERATING DIRECTIONS
FOR
ALLIS-CHALMERS
MODEL
"WC" TRACTOR**



Copyright 1934, 1936, 1937 by
Allis-Chalmers Mfg. Co.
TRACTOR DIVISION
MILWAUKEE, WISCONSIN
U. S. A.

FORM No. T465E 4-38

TELEGRAPHIC CODE

FOR CONVENIENCE AND ECONOMY WHEN ORDERING PARTS BY TELEGRAM, CODE WORDS MAY BE USED FOR EACH PART NUMBER. THIS CODE IS MADE UP OF A COMBINATION OF LETTERS LEAST LIKELY TO BE MIXED IN SENDING. THE FIGURES ARE REPRESENTED BY THE LETTERS SET OPPOSITE BELOW.

1 - A	4 - K	7 - Q
2 - B	5 - M	8 - W
3 - J	6 - N	9 - X
0 - Y		HYPHEN (-) - Z

THUS, PART No. 35252 WOULD BE TRANSMITTED AS FIVE SEPARATE WORDS (THREE, FIVE, TWO, FIVE, TWO), WHEREAS, BY THE USE OF THE CODE, THE NUMBER COULD BE TRANSMITTED AS ONE WORD (JMBMB). WHEREVER LETTERS OF THE ALPHABET APPEAR IN A PART NUMBER, USE THE HYPHEN (CODE LETTER Z) TO SEPARATE THE PREFIX OR SUFFIX FROM THE NUMERALS. EXAMPLE: UCL-12-1244 WOULD READ UCLZABZABKK. DO NOT ORDER PARTS BY CODE UNLESS THE ORDER IS SENT BY TELEGRAM.

IN SENDING WIRE ORDERS WHERE CODE WORDS ARE USED, IT IS IMPORTANT THAT A ONE-WORD DESCRIPTION OF THE PART WANTED BE SPECIFIED AFTER EACH CODE WORD. EXAMPLE: JMBMB GASKET. IN THE EVENT THE MESSAGE IS RECEIVED WITH INCORRECT CODE, IT WILL HELP US TO ASCERTAIN THE PART ACTUALLY REQUIRED. CONFIRM EACH TELEGRAPHIC ORDER BY MAIL IN ORDER THAT IT MAY BE CHECKED, AND IF NOT CORRECTLY TRANSMITTED, THE ERROR DETECTED.

SHIPPING OR OTHER INSTRUCTIONS IN THE BODY OF A TELEGRAM WHICH NORMALLY CONSIST OF MANY WORDS, CAN BE CONDENSED INTO ONE BY THE USE OF THE PROPER CODE WORD AS GIVEN BELOW.

SONST -- SHIP TO ME (US) BY EXPRESS
SOOTY -- SHIP BY EXPRESS TO
SOYON -- SHIP TO ME (US) BY MAIL
SOBOS -- SHIP BY MAIL TO
SORAT -- SHIP TO ME (US) BY FREIGHT
SAPAT -- SHIP BY FREIGHT TO
SPLAT -- WHEN AND HOW DID YOU SHIP PARTS ON MY (OUR) ORDER
SPATS -- WHEN AND HOW WILL YOU SHIP PARTS ON MY (OUR) ORDER
STAUB -- CANCEL MY (OUR) PARTS ORDER
STUFE -- ADD TO MY (OUR) PARTS ORDER
SOMOR -- DUPLICATE SHIPMENT OF MY (OUR) ORDER

IMPORTANT

TO OBTAIN PARTS PROMPTLY, GIVE NAME AND PART NUMBER.

ORDER PARTS FROM THE DEALER FOR YOUR TERRITORY.

BE PARTICULAR TO STATE POST OFFICE ADDRESS, TOWN, COUNTY, AND STATE WHERE PARTS ARE TO BE SHIPPED. ALSO SPECIFY WHETHER MATERIAL IS TO BE SHIPPED BY FREIGHT, EXPRESS OR PARCEL POST.

CONFIRM ALL TELEPHONE OR TELEGRAPH ORDERS IN WRITING.

NO CREDIT WILL BE ALLOWED ON PARTS UNLESS THEY ARE RETURNED TO THE DEALER FROM WHOM THEY WERE PURCHASED; FROM THERE THEY WILL BE RETURNED TO THE FACTORY FOR INSPECTION.

UNLESS CLAIMS FOR SHORTAGES OR ERRORS ARE MADE IMMEDIATELY UPON RECEIPT OF GOODS, THEY WILL NOT BE CONSIDERED.

WHEN BROKEN GOODS ARE RECEIVED, A FULL DESCRIPTION OF THE DAMAGE SHOULD BE MADE BY THE CARRIER AGENT ON THE FREIGHT BILL. IF THIS DESCRIPTION IS INSISTED UPON, FULL DAMAGE CAN ALWAYS BE COLLECTED FROM THE TRANSPORTATION COMPANY.

NO RESPONSIBILITY IS ASSUMED FOR DELAY OR DAMAGE TO MERCHANDISE WHILE IN TRANSIT. OUR RESPONSIBILITY CEASES UPON DELIVERY OF SHIPMENT TO THE TRANSPORTATION COMPANY, FROM WHOM A RECEIPT IS RECEIVED SHOWING THAT SHIPMENT WAS IN GOOD CONDITION WHEN DELIVERED TO THEM; THEREFORE, CLAIMS (IF ANY) SHOULD BE FILED WITH THE TRANSPORTATION COMPANY AND NOT WITH ALLIS-CHALMERS MANUFACTURING COMPANY.

THE RIGHT IS RESERVED TO CHANGE THE CONSTRUCTION OR MATERIAL OF ANY PARTS WHERE IT SEEMS DESIRABLE TO DO SO, WITHOUT INCURRING THE OBLIGATION OF INSTALLING SUCH CHANGES ON UNITS ALREADY DELIVERED.

INDEX OF ASSEMBLIES

<u>Name</u>	<u>Page</u>	<u>Name</u>	<u>Page</u>
Air Cleaner	15	Oil Filter	11
Belt Pulley	24	Oil Pump	11
Camshaft	5	Oil Sump	9
Carburetor	9	Piston	3
Clutch and Clutch Housing	19	Power Lift, Heavy	35
Connecting Rod	3	Power Lift, Light	33
Crankshaft	6	Power Take-Off	37
Crankshaft Exchange	6	Radiator	15
Cylinder Block	5	Rear Axle	23
Cylinder Head and Valves	7	Repair Kits	3
Drawbar and Platform	31	Seat	31
Fan	8	Single Front Wheel	39
Frame	24	Steering Wheel, Shaft and Support	25
Front Support and Spindle	17	Thermostat	13
Fuel Tank	28	Tools	33
Gear Cover	7	Transmission	21
Governor Control	14	Water Pump and Fan	8
Governor and Magneto	13	Wheels	27
Hood and Exhaust	25	Wheel Guard and Tool Box	31
Magneto	13,14	Wide Front Axle - Air	41
Manifold and Carburetor	9	Wide Front Axle - Steel	41

SPECIFICATIONS

MOTOR

Make	Own
Bore	4"
Stroke	4"
R.P.M.	1300

SPEED - Standard gear ratio with 11.25 - 24 air tires

First	2.50 M.P.H.
Second	3.50 M.P.H.
Third	4.75 M.P.H.
Fourth	9.00 M.P.H.
Reverse	2.00 M.P.H.

BELT PULLEY

Diameter	9"
Face	6-1/2"
R.P.M.	1170

CRANKCASE CAPACITY	6 Quarts
TRANSMISSION CAPACITY	4 Quarts
DIFFERENTIAL CAPACITY	6 Quarts
DRIVE CASE CAPACITY	1 Pint
COOLING SYSTEM CAPACITY	4 Gallons
FUEL TANK CAPACITY	15 Gallons

CARE AND OPERATION OF MODEL "WC" TRACTOR

WHEN TRACTOR IS DELIVERED

Before starting a new tractor, inspect it thoroughly and see that no parts have been removed from it, or any adjustments tampered with since the tractor left the factory.

BEFORE STARTING THE ENGINE

Inspect oil level in engine oil sump. For correct level and viscosity see heading, "Engine" under "Lubrication."

Inspect oil in air cleaner cup. Refer to air cleaner instructions.

Fill cooling system with clean water.

Check all points of lubrication and grease those equipped with grease gun fittings.

If gasoline is to be used for fuel, fill the large tank with it. If low grade fuel such as distillate or tractor fuel is to be used, fill the large tank with this fuel and the small tank with gasoline.

STARTING THE ENGINE

Place the gear shift lever in neutral position. If in cold weather lock the clutch pedal in forward position. If gasoline is to be used, open valve under large tank. If low grade fuel is to be used, be sure the valve under large tank is closed and open the valve under the small tank. Open throttle control one-third way. Turn choke lever on side of carburetor, down. Crank engine over two compression strokes. Turn choke lever forward. Engine then should start readily when cranked. However, if the weather is cool, more choking may be necessary. Caution:- Do not spin motor. To do so may disengage the automatic impulse coupling and allow motor to kick.

When the engine is started, see that the oil gauge is registering pressure. Do not operate the engine unless the oil gauge registers.

Note:- After the first few hours of operation tighten all nuts, bolts and capscrews that hold together parts having asbestos lined copper gaskets between them. This applies especially to cylinder head stud nuts. When cylinder head stud nuts are tightened, the cylinder head gasket is compressed and causes the valve clearance to be taken up. After the cylinder head stud nuts are tightened, be sure to adjust the valve clearance.

STARTING THE TRACTOR

With the engine running, push and hold the clutch pedal forward to release clutch. Move the gear shift lever to the desired speed position. Gear shift positions are cast on the transmission case cover. Release the pressure on the clutch pedal slowly to avoid sudden jerks in starting. Have the throttle open far enough to prevent stalling engine.

LUBRICATION

ENGINE. Maintain oil level in oil sump to the full mark on oil gauge rod.

Use only pure mineral oils of the following S.A.E. viscosity numbers:

Summer - No. 40

Winter - No. 30

For extremely cold temperatures, a mineral oil that will flow freely at prevailing temperatures should be used.

If gasoline or other fuels of similar qualities are being used, drain oil sump and refill with fresh oil of the proper quality and viscosity after each 60 hours of operation.

If low grade fuel such as distillate or tractor fuel is being used, drain the oil down to the drain cock, located on the side of the oil sump, after each 10 hours of operation and refill to the full mark on the gauge rod with fresh oil. After each 30 hours of operation, drain oil sump completely and refill with fresh oil.

Use only oil of high quality of the proper viscosity. The best assurance of securing such oil is to purchase the better grade manufactured by a dependable oil company who has established a reputation for quality products and whose success depends upon maintaining such quality.

Look at the oil pressure gauge at regular intervals to make sure oil is being circulated by the oil pump. The gauge should register from 5 to 15 pounds pressure when engine is running at normal governed speed and is heated to running temperature.

The governor, timing gears, clutch pilot bearing and rocker arm assembly are lubricated from the oil sump supply and need no outside attention.

WATER PUMP AND FAN. Lubricate with two or three strokes of the grease gun at grease connection for each 10 working hours.

CLUTCH. The clutch throw-out bearing grease connection (Item 26, group 280018), is made accessible by removing the cover from top of clutch housing. (Item 55 group 280018). Lubricate with two or three strokes of the grease gun for each 20 to 30 hours of operation, depending upon the frequency clutch is engaged or disengaged.

Grease gun connections are also located on either side of the clutch housing for lubricating the clutch fork shaft bearings. Lubricate daily with two strokes of grease gun.

TRANSMISSION. This unit is lubricated from the oil supply carried in the transmission case. Use S.A.E. No. 160 transmission oil for summer and S.A.E. No. 90 for winter. Keep filled to the level of the filler plug located on the right hand side of the case.

BELT PULLEY GEARS AND BEARINGS. Lubricate bearings daily, when gears are engaged, through connection on end of shaft with four or five strokes of grease gun.

The pulley gears which operate in the small compartment in clutch housing are lubricated by oil from the transmission case supply, when tractor is used for belt work only for a period of time, remove inspection plate, (item 50 group 280018) and inspect the oil level, adding some lubricant if necessary. Be sure that transmission oil as specified under TRANSMISSION is used as heavy oil, especially if in cold temperatures, will not circulate to these gears.

DIFFERENTIAL. Use the same viscosity oil as used for the transmission and keep filled to the level of the filler plug located on rear of housing.

FINAL DRIVE GEARS. Fill with heavy duty transmission grease to level of filler plug located on inside of cases (Item 72 group 280016). The capacity of the case is approximately one pint each.

FRONT WHEELS. Lubricate daily through grease connections until some grease is forced out around the felt washers on the inside of hubs.

STEERING SPINDLE SHAFT. Lubricate daily with two or three strokes of grease gun at connection on front of support. (Item 3 group 280131).

STEERING WORM AND GEAR. These parts are contained in top of front support and are lubricated with transmission oil. Inspect and fill compartment by removing cover from top of support. (Item 4 group 280131). Keep oil level so worm will be about 1/3 submerged.

Lubricate steering worm shaft bearing (Item 47 group 280131), universal joint and steering shaft support at connection, (Items 5 and 9 group 280025) daily with two or three strokes of grease gun.

REAR WHEELS. Lubricate daily with three to four strokes of grease gun.

FUEL

Engines of model "WC" Tractors are furnished in two compression ratios. Each is designed to efficiently burn a particular class of fuel. For best results, use the class of fuel for which the engine was designed.

For engines equipped to burn either low grade fuel or gasoline. These engines are designated by letter "K" following the engine number.
Example: W38865K.

Any fuel having following specifications: gravity 38 to 44; end point - 525° or less; Octane rating 30 or more.

For engines equipped to operate strictly on gasoline. These engines are designated by the letter "G" following the engine number.
Example: W38865G

For regular loads use 60 Octane gasoline or higher. For continued heavy loads use 70 Octane gasoline or higher. "HA" replaces the letter "G" on late engines.

Engine numbers are located on rear of engine block, just above the flywheel housing.

When burning low grade fuels certain precautions are necessary to prevent excessive dilution of the lubricating oil.

Always select a fuel to meet the specifications outlined in a preceding paragraph. Cover radiator to let engine warm up thoroughly on gasoline. Never turn on low grade fuel until temperature of the cooling system is near the boiling point, and when operating in cold weather, keep sufficient cover on radiator front to maintain this temperature.

Always turn off the low grade fuel and switch to gasoline before engine is stopped so that carburetor will contain gasoline when engine is again started.

Motors having the letter "K" following the engine number are furnished with the kerosene manifold cover marked "K". When burning low grade fuels this cover must be installed with exhaust pipe pointing up. If gasoline is to be burned in these motors, it will be necessary to obtain the gasoline manifold cover No. U-3178.

Motors having letter "G" following the engine numbers are only supplied with the "G" manifold cover and are to burn gasoline only.

FUEL FILTER

A fuel filter is located just below the fuel tank and should be cleaned at regular intervals. Remove the glass bowl and screen, and wash out any sediment or water that may have accumulated.

AIR CLEANER

Instructions as to care of the air cleaner are given on the air cleaner body. Follow these instructions carefully. Be sure the oil cup is filled to the level of the bead stamped on the side of the cup. Used crank case oil is satisfactory if thin and clean. The use of heavy oil in the cup will result in a restriction or air to the carburetor, resulting in an over-rich mixture and excessive dilution of the lubricating oil. Inspect after each 10 hours of operation, and if the oil is heavy with dirt, or if the cup contains a layer of sediment, drain and refill with fresh oil.

Inspect the hose connections on air inlet tube frequently and keep them tight and in good condition.

BREATHER

The crank case breather cap, located on top of the cylinder head cover, should be inspected daily. It must not be allowed to become clogged with dirt as pressure will be created in crankcase, causing oil leaks at main bearings, magneto shaft and other points. Wash breather cap daily in gasoline, dip in lubricating oil and replace after throwing off excess oil.

OIL FILTER

The oil filter is a highly efficient unit for the purpose of filtering abrasive particles from the engine crankcase oil supply. This naturally adds life to the many moving parts that are dependent upon this supply for lubrication

The filtering element consists of a metal can packed with a special long thread filtering yarn. The oil is forced through a tube to the top of the oil filter element and is filtered as it passes down through the filtering yarn.

When gasoline is being used for fuel it is necessary to replace the filtering element and its container after each 200 to 400 hours of operation, but if low grade fuel is being used, it is necessary to replace this element after each 100 to 200 hours of operation.

The replacement container is supplied packed with the necessary quantity of filtering yarn and has a wood stick in the center to keep the hole in the filtering yarn open, so that the oil tube which extends up in the element, can enter freely. This wood stick should be removed with a twisting motion before attempting to install the element.

A new element can be purchased from any Allis-Chalmers dealer for a few cents.

It is very important to replace the above element as directed as this unit will aid in keeping the crankcase oil clean and add many hours of carefree service to the life of the motor.

CAUTION: Do not attempt to remove and wash the filtering yarn or use any material in container except that as furnished as regular equipment.

Install, only, a new container, packed, as is supplied by the Allis-Chalmers Mfg. Co. for the protection of the motor.

OIL PUMP

The oil pump requires very little attention. It is of the geared type driven by a gear which meshes with a second gear on the cam shaft. It is considered good practice to clean the oil pump screen each season. This can be done by removing the oil sump.

GOVERNOR

The governor is of the variable speed non-adjustable type, and is designed for an operating speed of 1300 R.P.M. under full load. It is very important to have all linkage, from governor to carburetor, work freely.

MAIN AND CONNECTING ROD BEARING ADJUSTMENT

The main and connecting rod bearings have removable shells. Shims are provided to make correct adjustment.

Do not adjust bearings too tight. To provide for proper lubrication the bearings should have .002 inch diametrical clearance. This clearance will allow crankshaft to turn freely when all bearings are adjusted.

If the shims provided will not allow the correct adjustment, do not file the bearing caps, instead new bearing shells should be installed.

When coupling up the rods be sure to replace the bearing cap on its original rod and in its original position, also draw the nuts tight and lock with the proper size cotter keys.

CYLINDER LINERS, PISTONS AND RINGS

The engine has renewable cylinder liners which makes reboring unnecessary.

Oversize pistons and rings are not supplied. If wear on the cylinder liners is sufficient to require oversize pistons and rings a new motor assembly consisting of liners, pistons, rings, etc., should be installed.

The old liners can be readily removed from the top of the engine block by the use of a suitable puller.

When installing new liners, they should be forced straight down in the bore of the block to prevent possible damage to the rubber packing rings.

Always use new packing rings when installing liners, as the danger of a water leak at this point is too great to risk their use the second time.

VALVE CLEARANCE AND VALVES

Correct clearance between the valve stems and rocker arms should be maintained at all times.

To adjust clearance, turn engine with crank until valve closes and push rod is at its lowest position. Loosen valve adjusting screw lock nut and turn screw until there is .010 inch clearance between the rocker arm and valve stem with engine at normal operating temperature. Use a thickness gauge for making this measurement. Tighten lock nut and recheck.

Lack of compression because of leaky valves may be caused by either insufficient clearance between rocker arms and valve stems, by the collection of carbon at the valve seats or by carbon or a gummy substance on the valve stems preventing the closing of the valves.

If, when cranking the motor over, there is a lack of resistance on one or more cylinders at the compression stroke, the pistons and rings being in good condition and there is sufficient clearance between the rocker arms and valve stems, it indicates that the valves need regrinding.

Because of the hardened steel exhaust valve seat inserts in the exhaust valve positions, it is recommended that the valves be refaced on a machine made for this purpose and the seats be reground with a high speed valve seat grinder.

As a final operation, the valves and seats may be polished by lapping them in with a small amount of valve grinding compound. In this manner a perfect seat can be obtained which will give many hours of satisfactory service.

RADIATOR AND COOLING SYSTEM

Only rain or soft water should be used in the radiator if available. Hard or alkaline water will form a scale which will impair radiation if allowed to build up in the cooling system. The use of washing soda will help to dissolve this scale; and where only hard or alkaline water is available the washing soda should be used at regular intervals and before the accumulation of scale becomes heavy enough to scale off and stop up the radiator passages.

In cold weather an anti-freeze solution can be used in the radiator. However, alcohol cannot be used, when low grade fuel is being burned, because of its low boiling point. If low grade fuel is being burned, Prestone or some similar cooling solution should be used.

Do not run engine without water or some other cooling solution in the radiator. Never pour cold water in a hot motor when the water is low.

There are two places to drain on the cooling system. One is located on the bottom of the radiator, left side and the other in front of the carburetor on left hand side of engine block. Drain BOTH places. Make sure that all water drains out before you leave the tractor. Do not take chances by opening drains and leaving before you are sure all water has drained out.

CLUTCH

The clutch is of the spring loaded single plate dry disc type. The release engagement is by movement of the clutch shifter (70) and the throw out bearing (31) contacting the 3 release levers (19). (Refer to group 280018).

Each release lever has an adjusting screw which is for the purpose of regulating the lever contact with the throw out bearing. As the clutch facings wear, the release levers move nearer to the throw out bearing and the only clutch adjustment necessary is to provide clearance at this point.

To adjust: Remove plate from bottom of clutch housing and turn adjusting screws to allow a clearance of 1/4 inch between the ends of each of the three release levers and the throwout bearing.

FAN BELT ADJUSTMENT

Loosen the two nuts on the fan belt pulley and turn the front section to the left. Do not tighten fan belt more or oftener than necessary to prevent slippage.

FRONT WHEEL BEARING ADJUSTMENT

The front wheels are mounted on taper roller bearings. At frequent intervals remove the weight from wheels and examine side play. If side play exists it will be necessary to adjust bearings.

To adjust bearings, remove the hub cap and tighten the nut on end of spindle until all play is removed but with no binding. The inside of the wheel hub is provided with a felt washer to protect bearings from dirt and retain grease in hub. This felt washer should be replaced each season.

REAR WHEEL BEARING ADJUSTMENT

Remove the weight from rear wheels at regular intervals and inspect adjustment of bearings. Correct adjustment of these bearings play an important part in the life of final drive gears and also cork oil seal. Bearings are adjusted by tightening nut, (112 group 280016), on end of stub axle, until all end play is removed with no binding.

BRAKES

Hand operated brakes, to aid in turning, act on drums installed on final drive shafts. To adjust, remove cover from top of brake housing and tighten adjusting nut until correct travel of hand lever is secured.

BELT PULLEY

To engage pulley for belt work, loosen lock nut and back out set screw, located on clutch housing just inside of main frame channel, far enough to allow pulley tube to slide farther into housing. There is an arrow mark on the main frame channel and also on pulley tube for guidance in properly meshing gears. These marks should be in line with each other. Turn set screw in tight being sure it has entered a hole in tube. There is a series of holes provided around tube which are so spaced that by loosening set screw and turning tube to left a .005" deeper mesh of gears may be had for each hole turned in this direction or vice versa by turning to right. Be sure the set screw is seated in the hole desired and tighten both set screw and lock nut.

The pulley is 9" in diameter and runs at a speed of 1170 r.p.m. at normal engine speed. The motor should always be run at normal speed where constant power is needed and heavy belt load is encountered.

To figure speed of driven units or determine size of pulley, multiply the diameter of driving or engine pulley by its revolutions per minute, and divide by R.P.M. of driven unit.

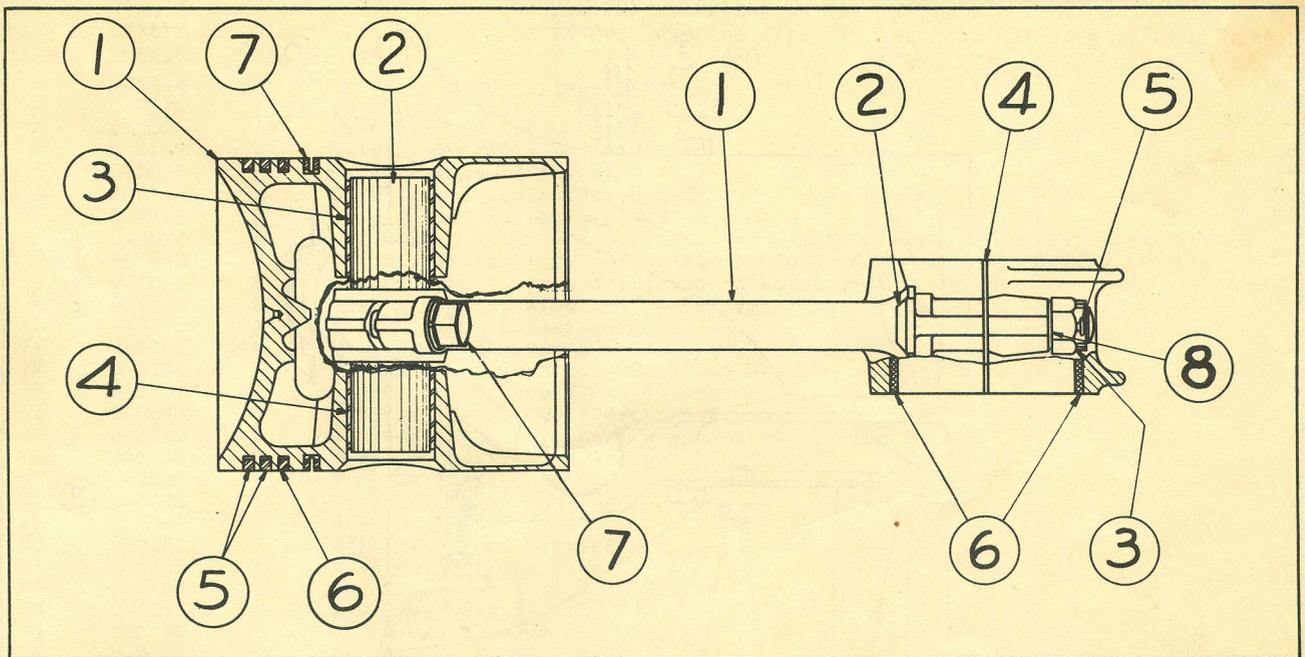
Example: 9" diameter x 1170 R.P.M. = 10530. 10530 divided by 1000 (R.P.M. of driven unit is 10.5 which is the size pulley needed.)

We cannot over emphasize importance of having the proper size pulley on the driven unit. Much power is lost and unnecessary load put on motor unless proper pulleys are used. The pulley furnished with tractor is correct size.

GENERAL

All tractors are thoroughly tested before leaving the factory. Nevertheless they require attention on the part of owners. The amount of attention required is negligible but IMPORTANT.

In foregoing instructions an effort has been made to cover points necessary to help you in care and operation of your tractor in an understandable manner. For further information see your local Allis-Chalmers dealer.



PISTON
(GROUP 280005)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	U-3114	4	PISTON STD.
	204462	4	PISTON HIGH COMPRESSION
2	U-3052	4	PISTON PIN
3	U-3043	4	BUSHING
4	U-3045	4	BUSHING
5	U-3050	8	COMPRESSION RING
6	U-3809	4	SCRAPER RING
7	U-4000	4	OIL RING

} INCLUDES PIN AND BUSHINGS

CONNECTING ROD
(GROUP 280006)

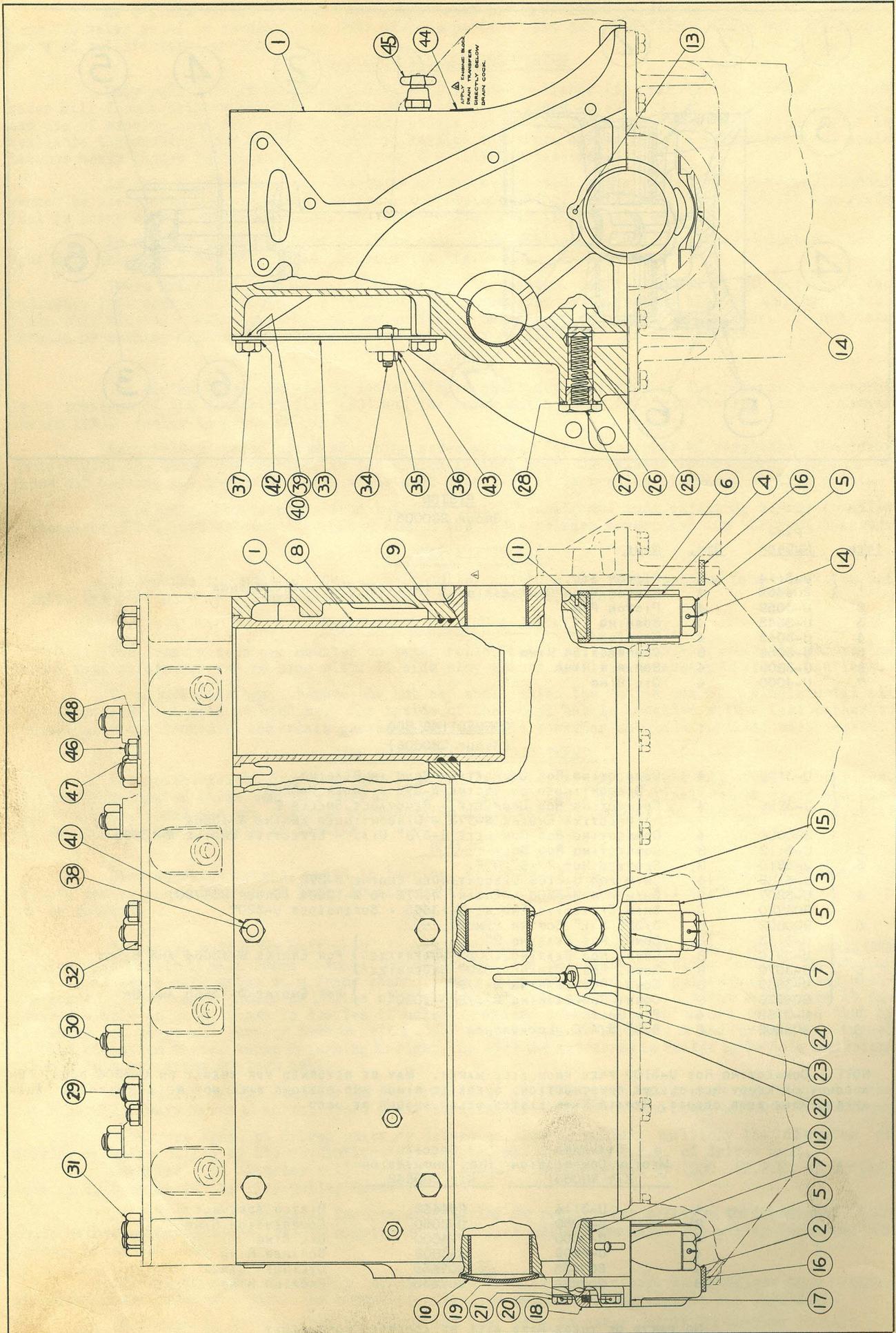
1	U-3109	4	CONNECTING ROD COMPLETE - SPUN IN BEARING DISCONTINUED ON ENGINE W-272 - ORDER U-3206
	U-3206	4	CONNECTING ROD COMPLETE - REMOVABLE SHELLS 2" EFFECTIVE ENGINE W-273 - DISCONTINUED ENGINE W-13664
2	280006	4	CONNECTING ROD COMPLETE 2-3/8" DIA. - EFFECTIVE ENGINE W-13665
3	U-3112	8	CONNECTING ROD BOLT
	U-3210	8	SLOTTED NUT 7/16" N.F.
4	U-3189	16	SHIM FOR U-3109 DISCONTINUED ENGINE W-272
	U-3207	16	SHIM FOR U-3206 - ENGINE W-273 TO W-13664 (ORDER 204720)
	204720	8	SHIM EFFECTIVE ENGINE W-13665 - SUPERSEDES U-3207
5	900802	8	3/32" x 1" COTTER PIN
6	U-3113	8	CONN. ROD BEARING 2"
	U-3910	8	CONN. ROD BEARING .005" UNDERSIZE
	U-3870	8	CONN. ROD BEARING .020" UNDERSIZE
	U-3989	8	CONN. ROD BEARING 2-3/8"
	204926	8	CONN. ROD BEARING 2-3/8" - .020"
7	U-3188	4	PIN BOLT
8	904206	8	3/8" S.A.E. LOCKWASHER

} FOR ENGINE W-13664 AND BELOW
} FOR ENGINE W-13665 AND UP

NOTE: CONNECTING ROD U-3109 FREE FROM FILE MARKS. MAY BE RETURNED FOR CREDIT ON U-3206 RODS. ON ACCOUNT OF REMOVABLE SLEEVE CONSTRUCTION, OVERSIZE RINGS AND PISTONS WILL NOT BE FURNISHED. WHEN APPRECIABLE WEAR OCCURS, REPAIR KITS LISTED BELOW SHOULD BE USED.

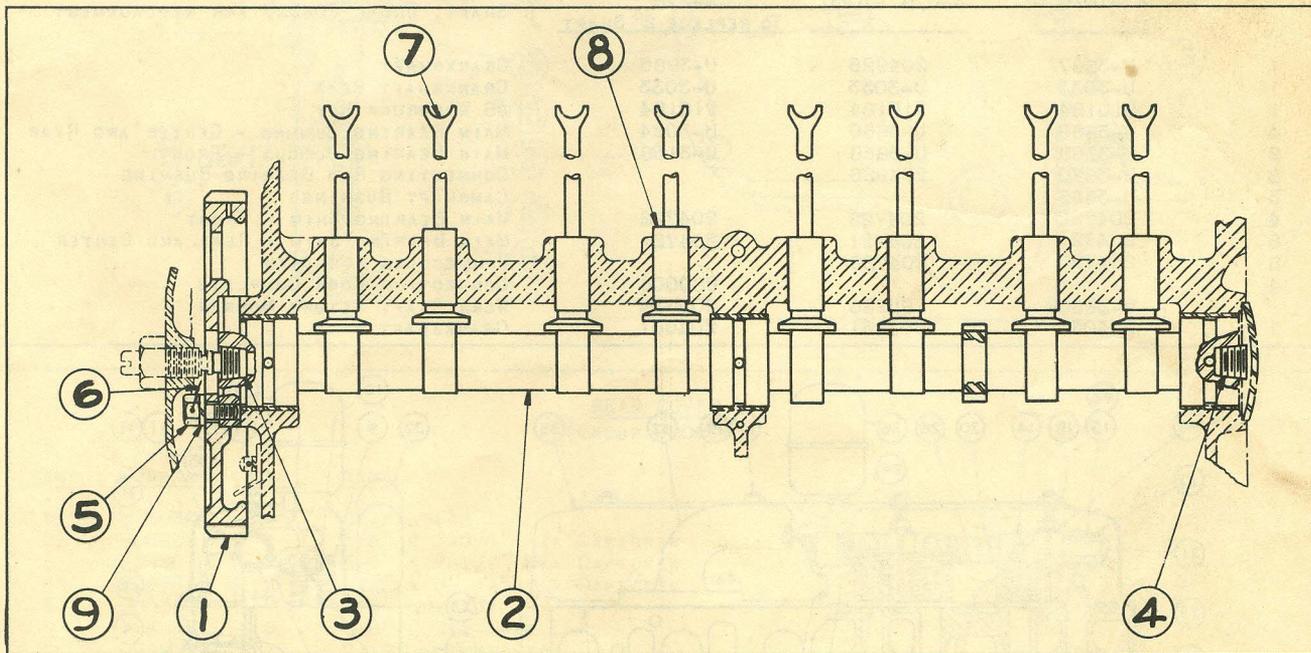
	STANDARD MEDIUM COMPRESSION KIT 280641	SPECIAL HIGH COMPRESSION KIT 280642	
4	U-3114	204462	PISTON ASSEMBLY
8	U-3050	U-3050	COMPRESSION RING
4	U-4000	U-4000	OIL RING
4	U-3809	U-3809	SCRAPER RING
4	207435	207435	CYLINDER LINER
8	207436	207436	PACKING RING

NO PARTS OF THESE KITS WILL BE ACCEPTED FOR CREDIT



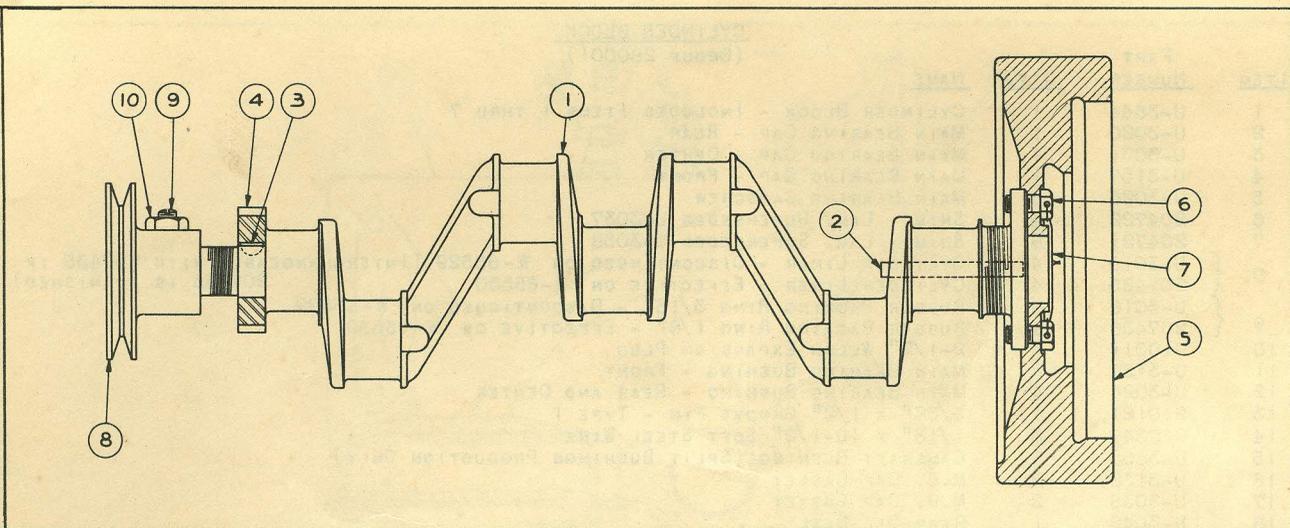
CYLINDER BLOCK
(GROUP 280001)

ITEM	PART NUMBER	QTY.	NAME
1	U-3644	1	CYLINDER BLOCK - INCLUDES ITEMS 1 THRU 7
2	U-3020	1	MAIN BEARING CAP - REAR
3	U-3021	1	MAIN BEARING CAP - CENTER
4	U-3157	1	MAIN BEARING CAP - FRONT
5	U-3025	6	MAIN BEARING CAPSCREW
6	204722	4	SHIM - LAM. SUPERSEDES U-3037
7	204721	8	SHIM - LAM. SUPERSEDES U-3058
8	U-3015	4	CYLINDER LINER - DISCONTINUED ON W-65529 (INTERCHANGEABLE WITH 207435 IF 207436 IS FURNISHED)
	207435	4	CYLINDER LINER - EFFECTIVE ON W-65530
	U-3016	8	RUBBER PACKING RING 3/16" - DISCONTINUED ON W-65529
9	207436	8	RUBBER PACKING RING 1/8" - EFFECTIVE ON W-65530
10	910011	1	2-1/2" WELCH EXPANSION PLUG
11	U-3158	2	MAIN BEARING BUSHING - FRONT
12	U-3024	4	MAIN BEARING BUSHING - REAR AND CENTER
13	910121	1	5/32" x 1/2" GROOVE PIN - TYPE I
14	910549	3	1/16" x 10-1/2" SOFT STEEL WIRE
15	U-3865	3	CAMSHAFT BUSHING (SPLIT BUSHINGS PRODUCTION ONLY)
16	U-3138	2	M.B. CAP GASKET
17	U-3036	2	M.B. CAP GASKET
18	U-3042	1	REAR OIL SEAL
19	U-3041	2	REAR HALF CORK RING
20	U-3056	3	5/16" x 1" HEX CAPSCREW
21	910549	1	1/16" x 12" IRON WIRE
22	U-3183	1	OIL GAUGE ROD WITH DUST COLLAR
23	U-4014	1	OIL GAUGE ROD SEAL
24	U-3118	1	OIL GAUGE BUSHING
25	U-3129	1	OIL RELIEF VALVE PLUNGER
26	U-3144	1	OIL RELIEF VALVE SPRING
27	U-3128	1	VALVE PLUG
28	U-3130	1	VALVE GASKET
29	U-3004	8	1/2" x 4-3/8" CYLINDER HEAD STUD
30	U-3003	4	1/2" x 5" CYLINDER HEAD STUD
31	U-3461	12	1/2"-20 HEX NUT
32	E-2565	12	WASHER
33	U-3904	1	PUSH ROD COVER (SUPERSEDES U-3202) INCLUDES ITEMS 34 AND 35
34	U-3908	2	5/16" x 1-5/16" STUD
35	900366	2	5/16" HEX NUT
36	900366	2	5/16" HEX NUT
37	903629	5	3/8" x 3/4" HEX CAPSCREW
38	U-3201	1	3/8" x 1-1/8" COVER STUD
39	U-3030	2	PUSH ROD COVER GASKET
40	U-3034	2	PUSH ROD COVER GASKET
41	900367	1	3/8" HEX NUT
42	904206	6	3/8" LOCKWASHER
43	904205	2	5/16" LOCKWASHER
		44	206288 1 ENGINE BLOCK DRAIN TRANSFER
		45	U-1671 1 DRAIN COCK
		46	207151 3 CYLINDER HEAD STUD
		47	207132 3 NUT
		48	207152 3 WASHER



CAMSHAFT
(GROUP 280003)

ITEM	PART NUMBER	QTY.	NAME	ITEM	PART NUMBER	QTY.	NAME
1	U-3028	1	GEAR	6	910549	3	1/16 x 8" SOFT STEEL WIRE
2	U-3027	1	SHAFT	7	U-3018	8	PUSH ROD
3	U-3031	1	THRUST PLUG	8	U-3017	8	TAPPET
4	904260	1	COUNTERSUNK PIPE PLUG 3/8"	9	904206	3	LOCKWASHER 3/8"
5	E-13	3	CAPSCREW 3/8" x 13/16"				

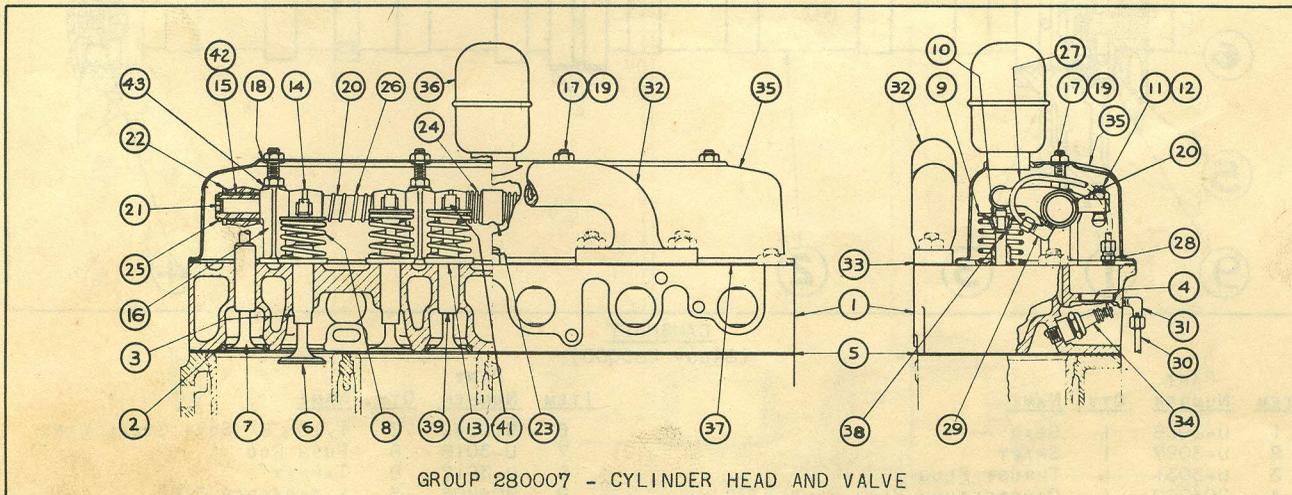


CRANKSHAFT
(GROUP 280002)

ITEM	PART NUMBER	QTY.	NAME
1	U-3185	1	CRANKSHAFT 2" CRANK PIN - DISCONTINUED ENGINE W-13664
	U-3867	1	CRANKSHAFT 2" .020" CRANK PIN - FOR ENGINES BELOW 13665
	U-3985	1	CRANKSHAFT 2-3/8" CRANK PIN - EFFECTIVE ENGINE W-13665
	204925	1	CRANKSHAFT 2-3/8" .020" CRANK PIN - FOR ENGINE W-13665 AND UP
2	204061	1	OILING WICK
3	910184	1	#8 WOODRUFF KEY
4	U-3033	1	CRANKSHAFT GEAR
5	U-3074	1	FLYWHEEL
6	U-3075	4	CAPSCREW
7	910548	2	10" OF #14 SOFT IRON WIRE
8	U-3088	1	FAN DRIVE PULLEY
9	U-2149	1	SPECIAL SET SCREW 5/8" x 1-7/16"
10	903574	1	5/8" HEX JAM NUT

CRANKSHAFT EXCHANGE

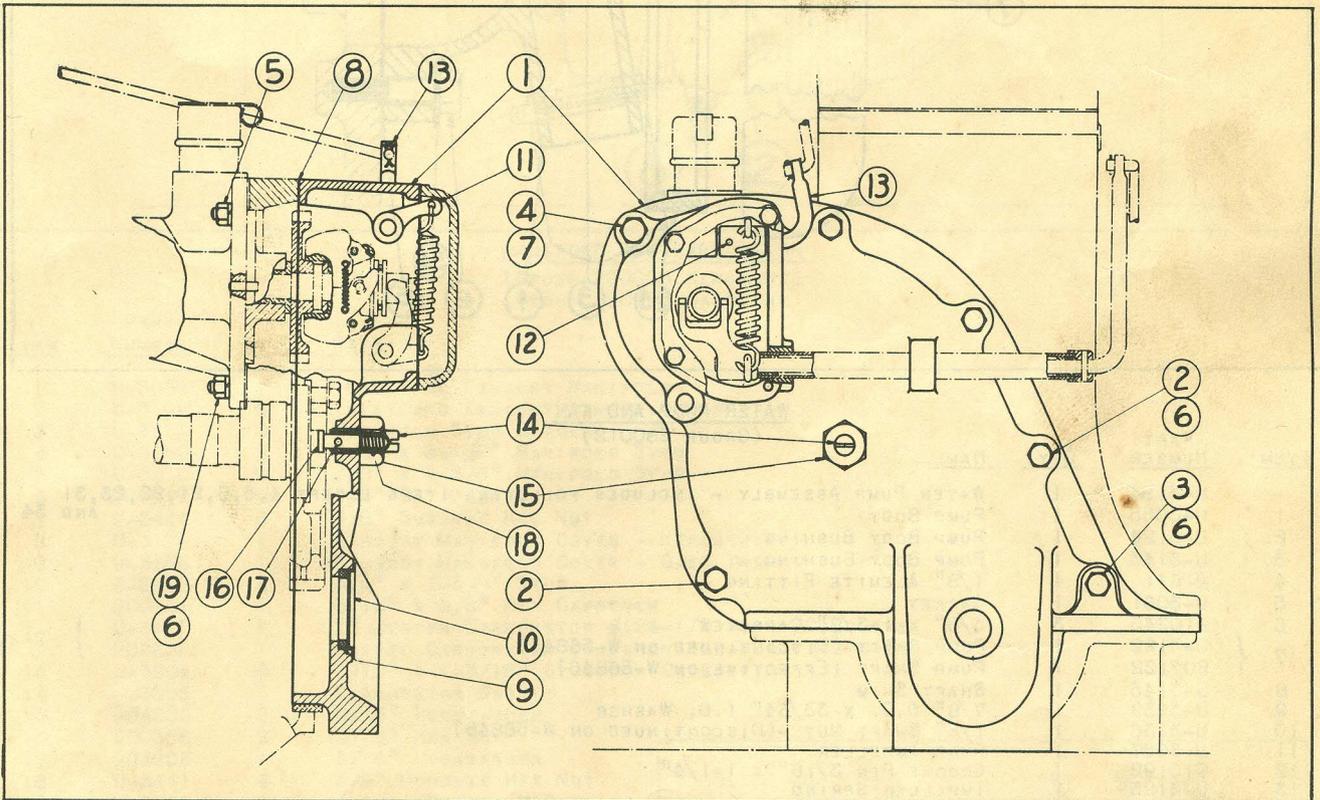
	U-3866 2"- .020"	204927 2-3/8"- .020"	205737 2-3/8"	
				} IF TRACTOR ALREADY EQUIPPED WITH 2-3/8" SHAFT, ORDER 204927 FOR REPLACEMENT
			<u>TO REPLACE 2" SHAFT</u>	
1	U-3867	204925	U-3985	CRANKSHAFT
1	U-3033	U-3033	U-3033	CRANKSHAFT GEAR
1	910184	910184	910184	#8 WOODRUFF KEY
4	U-3869	U-3869	U-3024	MAIN BEARING BUSHING - CENTER AND REAR
2	U-3868	U-3868	U-3158	MAIN BEARING BUSHING - FRONT
8	U-3870	204926		CONNECTING ROD BEARING BUSHING
3	U-3865			CAMSHAFT BUSHINGS
4	204722	204722	204722	MAIN BEARING SHIM - FRONT
8	204721	204721	204721	MAIN BEARING SHIM - REAR AND CENTER
8	204720	204720		CONNECTING ROD SHIM
4			280006	CONNECTING RODS COMPLETE
1	U-3866R	205260	205738	WORN SHAFT RETURN NUMBER
	204061	204061	204061	CRANKSHAFT WICK



GROUP 280007 - CYLINDER HEAD AND VALVE

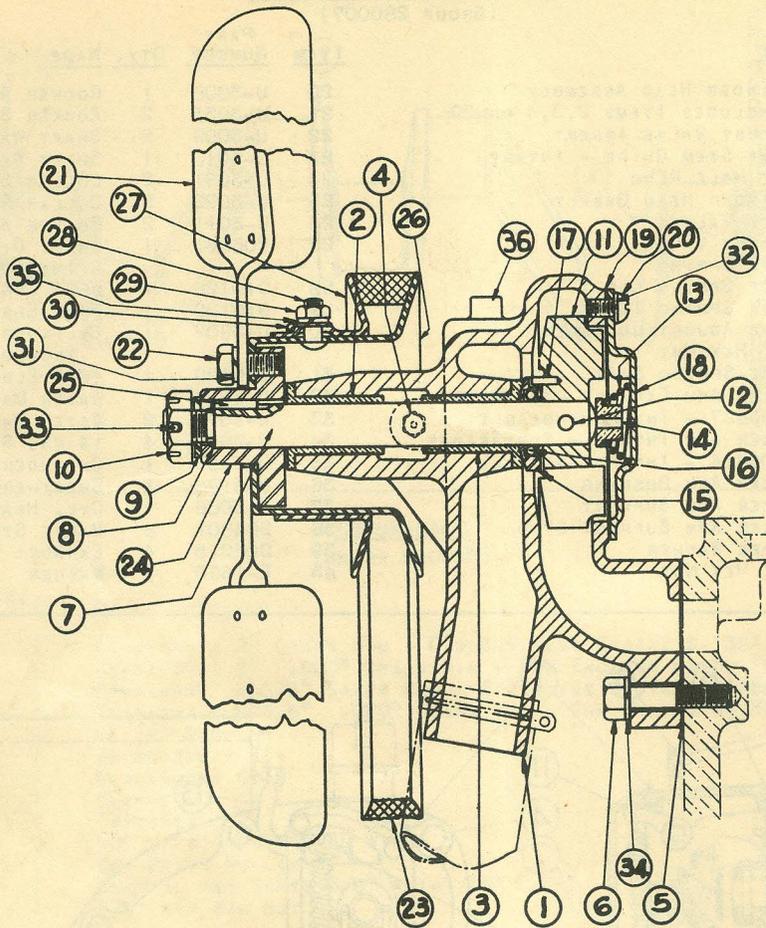
CYLINDER HEAD AND VALVE
(GROUP 280007)

ITEM	PART NUMBER	QTY.	NAME	ITEM	PART NUMBER	QTY.	NAME
1	205826	1	CYLINDER HEAD ASSEMBLY INCLUDES ITEMS 2,3,4 AND 39	20	U-3008	1	ROCKER ARM SHAFT
2	U-3164	4	EXHAUST VALVE INSERT	21	U-3035	2	ROCKER SHAFT PLUG
3	U-3142	8	VALVE STEM GUIDE - INTAKE	22	U-3009	2	SHAFT WASHER
4	U-3093	2	CORE HOLE PLUG	23	U-3010	1	SHAFT OIL COLLAR
5	U-3198	1	CYLINDER HEAD GASKET	24	U-3091	2	COLLAR SPRING
6	U-3166	4	INLET VALVE	25	U-3092	2	COLLAR RETAINER
7	U-3167	4	EXHAUST VALVE	26	U-3011	2	ROCKER SPACER SPRING
8	U-2833	8	VALVE SPRING	27	206861	1	SHAFT OIL TUBE 3/16" INCLUDES ITEMS 28 AND 29
9	U-3149	8	VALVE SPRING CAP	28	910126	1	#68F CONN. 1/8" x 3/16"
10	U-3131	16	VALVE SPRING TAPER	29	910129	1	#69F ELBOW 1/8" x 3/16"
11	U-3132	8	VALVE ADJUSTING SCREW	30	U-3902	1	CYLINDER HEAD OIL TUBE INCLUDES ITEM 31
12	910123	8	3/8" HEX NUT	31	910129	1	#69F ELBOW 1/8" x 3/16"
13	U-3059	8	VALVE SPRING SEAT	32	U-3076	1	WATER MANIFOLD
14	207486	4	ROCKER ARM EXHAUST - SUPERSEDES 205827 - INTERCHANGEABLE	33	U-3077	2	WATER MANIFOLD GASKET
	207485	4	ROCKER ARM INTAKE - SUPERSEDES 206864 - INTERCHANGEABLE	34	U-2890	4	14 MM. SPARK PLUG A-C
15	U-3013	8	ROCKER ARM BUSHING	35	U-3155	1	CYLINDER HEAD COVER
16	U-3007	4	ROCKER ARM SUPPORT	36	U-3196	1	BREATHER CAP - COMPLETE
17	U-3014	4	ROCKER ARM SUPPORT STUD	37	U-3006	1	CYL. HEAD COVER GASKET
18	U-4013	4	COPPER WASHER	38	204801	8	VALVE STEM SNAP RING
19	910123	8	3/8" HEX NUT	39	205215	4	EXHAUST VALVE STEM GUIDE
				43	E-1692	4	WASHER



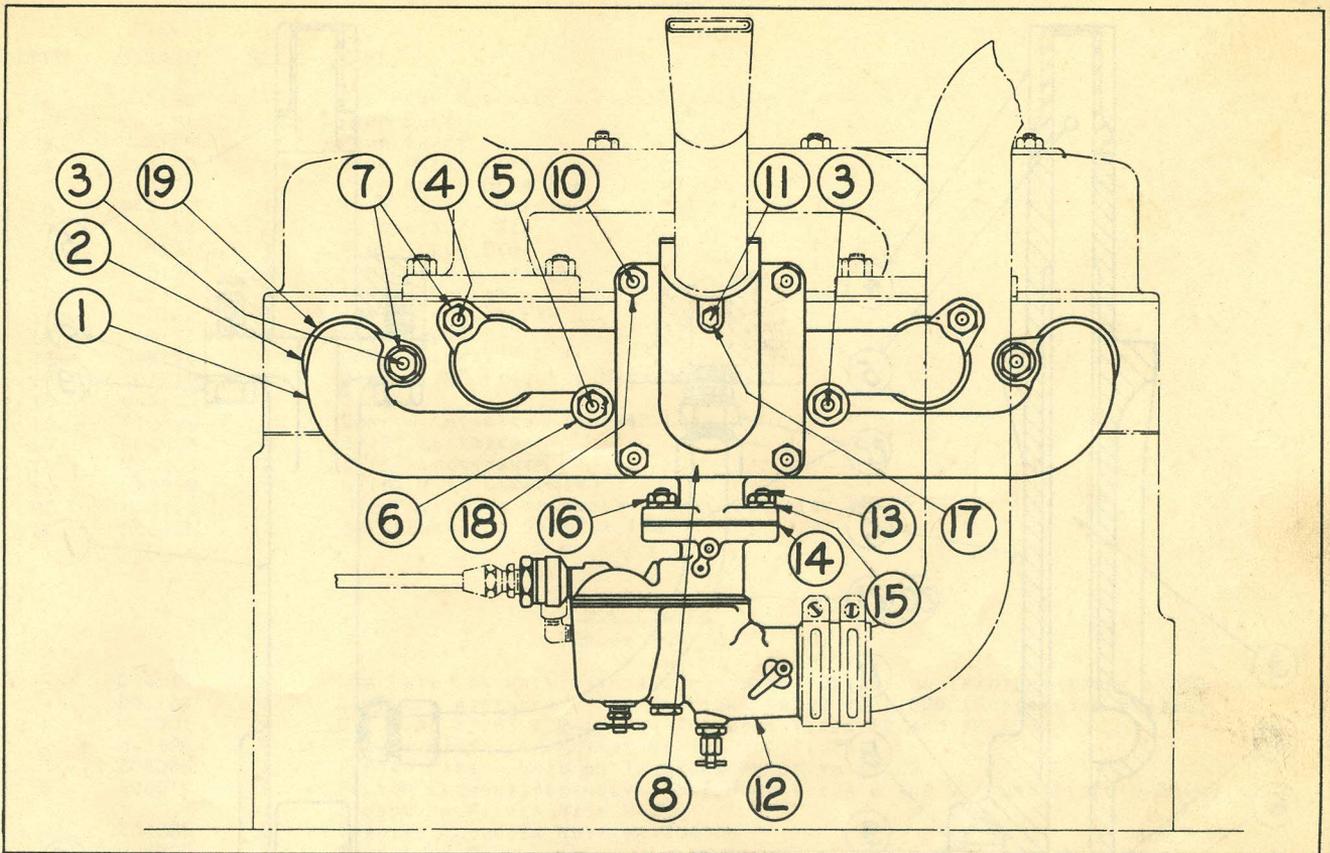
GEAR COVER
(GROUP 280004)

ITEM	PART NUMBER	QTY.	NAME
1	U-3053	1	GEAR COVER
2	903633	4	3/8" x 1-3/4" HEX CAPSCREW
3	904281	1	3/8" x 2-1/4" HEX CAPSCREW
4	906695	1	3/8" x 3-1/4" HEX CAPSCREW
5	900367	2	3/8" HEX NUT
6	904206	6	3/8" LOCKWASHER
7	904207	1	7/16" LOCKWASHER
8	U-3054	1	GEAR COVER GASKET
9	U-3040	1	GEAR COVER CORK RING #243 FINE
10	U-3038	1	CORK RING RETAINER
11	U-3089	1	GOVERNOR CONTROL LEVER
12	901357	1	#0 x 3/4" STD. TAPER PIN
13	U-3137	1	GOVERNOR SPEED CONTROL LEVER
14	205807	1	CAMSHAFT THRUST SCREW COMPLETE - INCLUDES ITEM 15
15	906404	1	5/8" PLAIN HEX NUT
19	U-1852	1	3/8" x 2-3/4" STUD



WATER PUMP AND FAN
(GROUP 280012)

ITEM	PART NUMBER	QTY.	NAME
-	U-3184	1	WATER PUMP ASSEMBLY - INCLUDES FOLLOWING ITEMS EXCEPT 4,5,6,21,22,23,31 AND 34
1	U-3055	1	PUMP BODY
2	U-3124	1	PUMP BODY BUSHING
3	U-3143	1	PUMP BODY BUSHING
4	#1611	1	1/8" ALEMITE FITTING
5	U-3061	1	GASKET
6	910245	3	3/8" x 1-3/8" CAPSCREW
7	{ U-3122	1	PUMP SHAFT (DISCONTINUED ON W-56845)
	{ 207122	1	PUMP SHAFT (EFFECTIVE ON W-56846)
8	U-3145	1	SHAFT SHIM
9	U-3139	1	7/8" O.D. x 33/64" I.D. WASHER
10	U-3136	1	1/2" SHAFT NUT -(DISCONTINUED ON W-56845)
11	U-3057	1	PUMP IMPELLER
12	910192	1	GROOVE PIN 3/16" x 1-1/4"
13	U-3125	1	IMPELLER SPRING
14	U-3126	1	IMPELLER SPRING RETAINER
15	U-3146	1	PUMP THRUST WASHER
16	U-3123	1	THRUST WASHER RING
17	U-3063	1	THRUST WASHER DRIVE PIN
18	U-3147	1	PUMP BODY COVER
19	U-3127	1	BODY COVER GASKET
20	901164	5	1/4" x 3/8" MACHINE SCREW
21	U-3064	1	FAN BLADE ASSEMBLY
22	903626	4	5/16" x 3/4" CAPSCREW
23	U-3073	1	FAN BELT
24	{ U-3152	1	FAN HUB (DISCONTINUED ON W-56845)
	{ 207123	1	FAN HUB (EFFECTIVE ON W-56846)
25	U-3134	1	1/8" x 1/8" x 5/8" FAN HUB KEY (DISCONTINUED ON W-56845)
26	U-3133	1	PULLEY
27	U-3156	1	COLLAR
28	U-3141	2	1/4" x 5/8" LOCKSCREW
29	900365	2	1/4" NUT
30	U-3135	2	LOCKSCREW WASHER
31	904205	4	5/16" LOCKWASHER
32	904204	5	1/4" LOCKWASHER
33	900802	1	3/32" x 1" SPRING COTTER (DISCONTINUED ON W-56845)
34	904206	3	3/8" LOCKWASHER
35	904204	2	1/4" LOCKWASHER



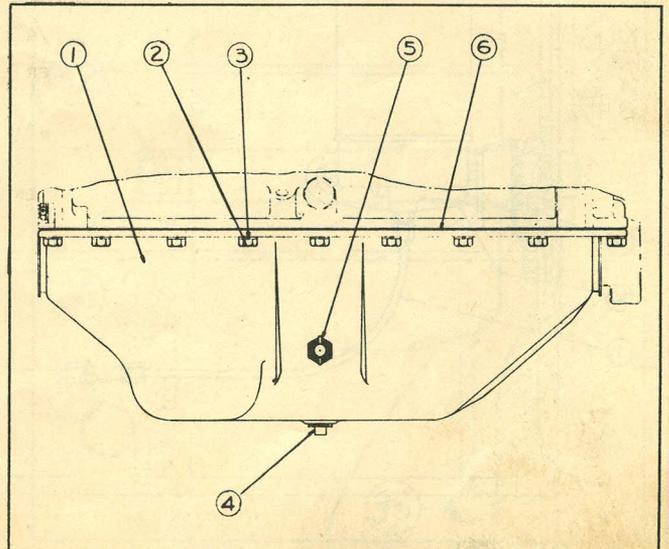
MANIFOLD AND CARBURETOR
(GROUP 280008 KEROSENE)
(GROUP 280946 GASOLINE)

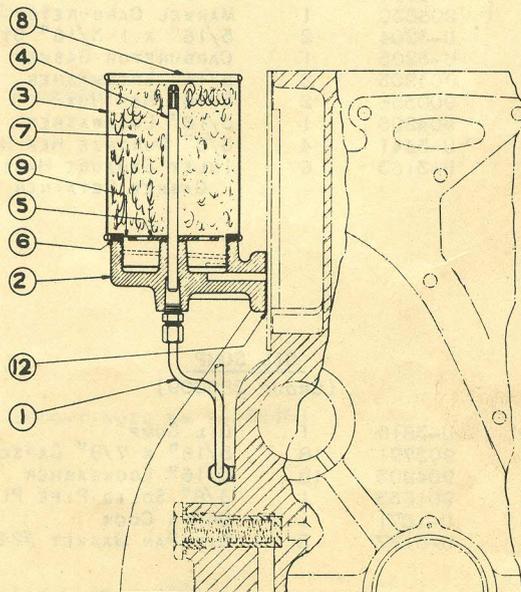
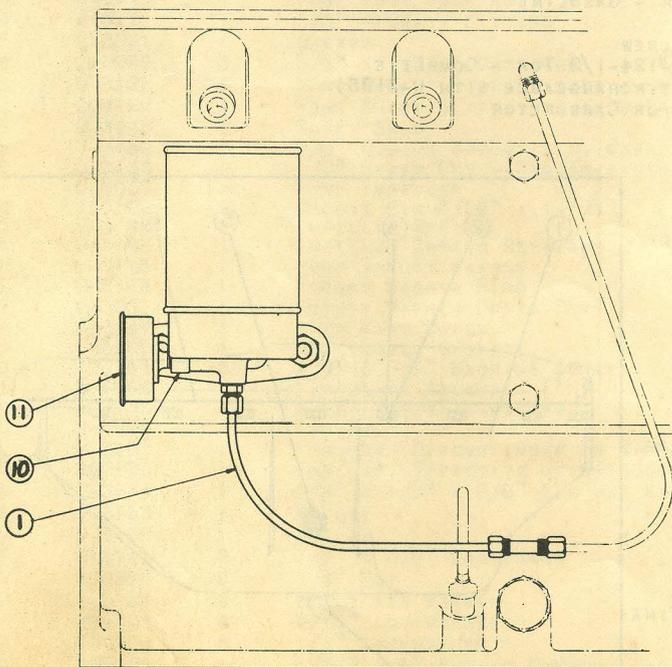
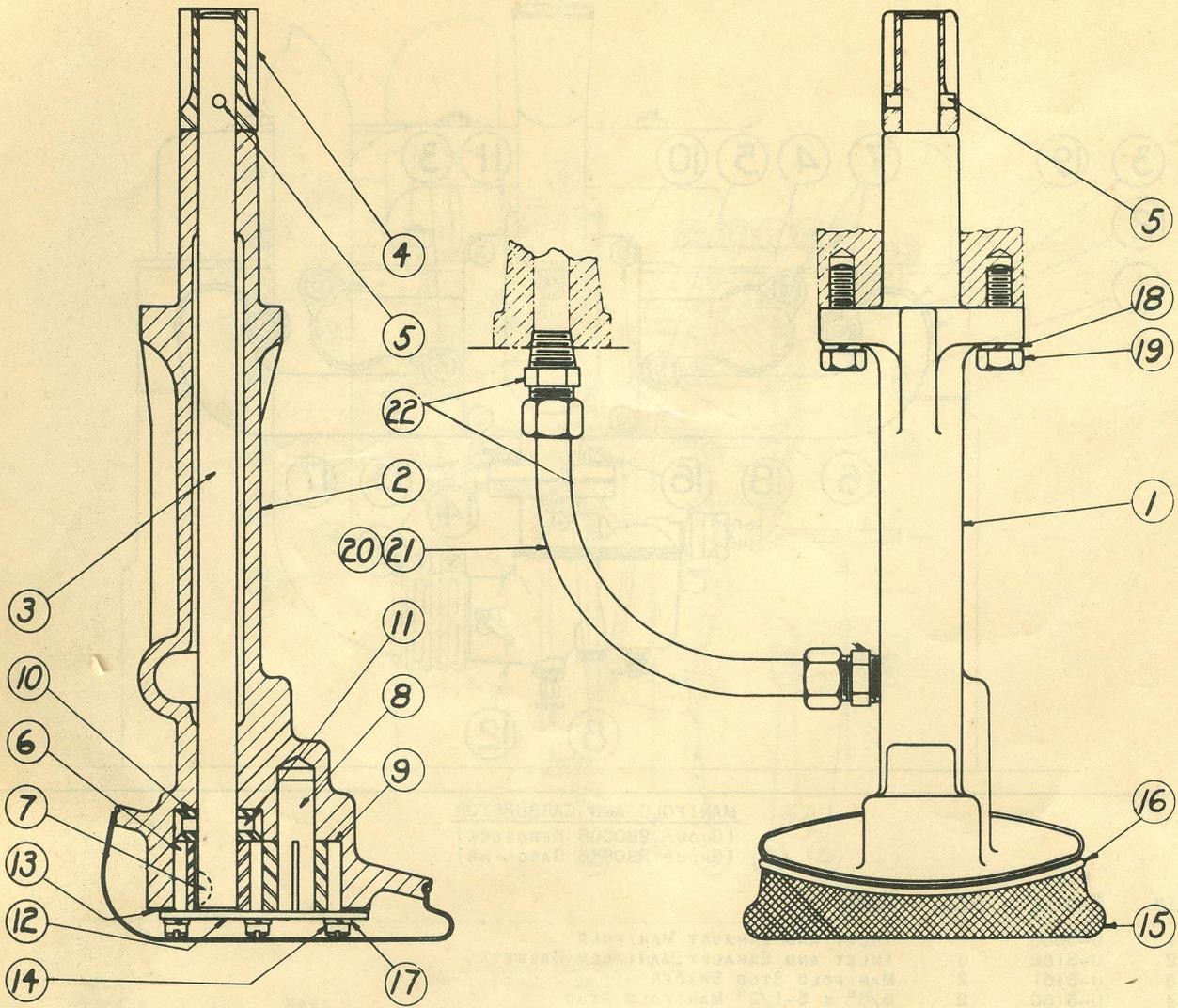
ITEM	PART NUMBER	QTY.	NAME
1	U-3068	1	INLET AND EXHAUST MANIFOLD
2	U-3162	6	INLET AND EXHAUST MANIFOLD GASKET
3	U-3161	2	MANIFOLD STUD SPACER
4	U-3160	2	3/8" x 3-1/2" MANIFOLD STUD
5	U-3072	4	3/8" x 4-3/8" MANIFOLD STUD
6	900817	4	3/8" CUT WASHER
7	U-3441	6	3/8" DURONZE HEX NUT
8	U-3179	1	EXHAUST MANIFOLD COVER - KEROSENE
9	U-3178	1	EXHAUST MANIFOLD COVER - GASOLINE
10	E-2147	4	3/8" x 1-5/8" STUD
11	905661	1	5/16" x 5/8" HEX CAPSCREW
12	U-3195	1	1" ZENITH CARBURETOR #124-1/2 TOP - COMPLETE
	206830	1	MARVEL CARBURETOR (INTERCHANGEABLE WITH U-3195)
13	U-3204	2	5/16" x 1-3/16" STUD FOR CARBURETOR
14	U-3205	1	CARBURETOR GASKET
15	904205	2	5/16" LOCKWASHER
16	900366	2	5/16" HEX NUT
17	904205	1	5/16" LOCKWASHER
18	U-3441	4	3/8" DURONZE HEX NUT
19	U-3163	6	INLET EXHAUST MANIFOLD GASKET RETAINER

Carb. No. →

OIL SUMP
(GROUP 280009)

1	U-3810	1	OIL SUMP
2	903771	18	5/16" x 7/8" CAPSCREW
3	904205	18	5/16" LOCKWASHER
4	901653	1	3/8" SOLID PIPE PLUG
5	U-1671	1	DRAIN COCK
6	U-3187	2	OIL PAN GASKET #240 FINE





OIL PUMP
(GROUP 280010)

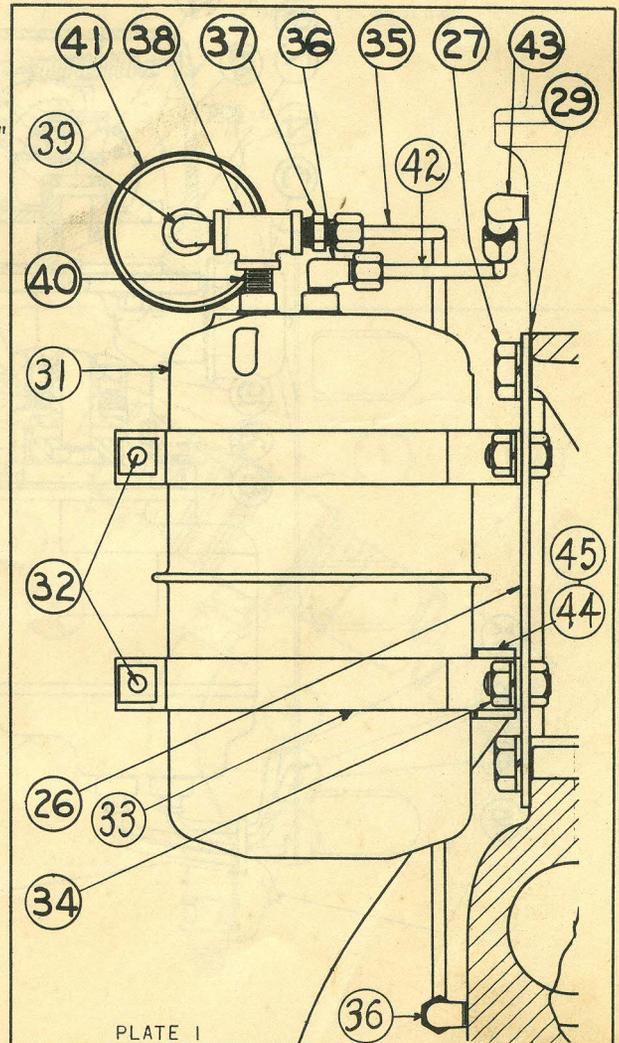
ITEM	PART NUMBER	QTY.	NAME
1	U-3186	1	OIL PUMP ASSEMBLY - INCLUDES ITEMS 2 THRU 17
2	U-3181	1	PUMP BODY
3	U-3168	1	PUMP SHAFT
4	U-3100	1	PUMP DRIVE GEAR
5	U-3174	1	PUMP DRIVE GEAR PIN
6	U-3169	1	PUMP GEAR - DRIVER
7	910173	1	#2 WOODRUFF KEY
8	U-3171	1	PUMP IDLER PIN
9	U-3170	1	PUMP GEAR - DRIVEN
10	U-3173	1	THRUST COLLAR
11	U-3172	1	THRUST COLLAR PIN
12	U-3175	1	PUMP COVER
13	U-3176	1	COVER GASKET
14	901216	6	#10 x 1/2" FIL. HD. MACH. SCREW
15	U-3132	1	SCREEN
16	910548	1	SCREEN LOCKWIRE 14-1/4" LONG
17	904203	6	3/16" LOCKWASHER
18	904205	2	5/16" LOCKWASHER
19	903772	2	5/16" x 1" CAPSCREW
20	U-3107	1	OIL PUMP TUBE ASSEMBLY - INCLUDES ITEM 22
22	910127	2	68F CONNECTOR 7/16" x 1/4"

OIL FILTER
(GROUP 280178)

-	204917	1	COMPLETE ASSEMBLY WITH ALL PARTS TO INSTALL ON TRACTORS AFTER 11528
-	205134	1	COMPLETE ASSEMBLY - FOR TRACTORS PRIOR TO 11529 (SUPERSEDES 204054)
1	U-3901	1	OIL TUBE 3/16" x 9-1/2" - INCLUDES ITEMS 12 AND 13
2	U-3898	1	FILTER BASE - EFFECTIVE ON TRACTOR 11529
	204058	1	FILTER BASE - USED ON TRACTORS PRIOR TO 11529
3	204912	1	FILTER ELEMENT ASSEMBLY - INCLUDES ITEMS 6 AND 9 (SUPERSEDES U-3918) USED ON FILTER BASE U-3898
-	204055	2	SPECIAL SHOULDER NUT FOR 204058
4	U-3899	1	TUBE 1/4" O.D.
5	U-3900	1	RETAINER
6	204863	1	CORK GASKET
9	204865	1	RETAINER RING
10	U-3903	1	GASKET
11	U-3805	1	OIL GAUGE
12	910126	1	#68F CONNECTOR 3/16" x 1/8"
13	910130	1	#72F TEE 3/16" x 1/8"

OIL FILTER CARTRIDGE TYPE
(SEE PLATE 1)

ITEM	PART NUMBER	QTY.	NAME
26	U-3202	1	PUSH ROD COVER WITH STUDS
27	903629	5	3/8" x 3/4" HEX CAPSCREW
	904206	5	3/8" LOCKWASHER
	U-3201	1	STUD 3/8" x 1-1/8"
28	903584	1	3/8" HEX NUT
	904206	1	3/8" LOCKWASHER
29	U-3030	2	COVER GASKET - LONG
	U-3034	2	COVER GASKET - SHORT
31	12960	1	OIL FILTER ELEMENT
32	900867	2	1/4 x 1-1/4" STOVE BOLT
33	9543	2	CLAMP BRACKET
34	910981	4	5/16" HEX NUT
	904205	4	5/16" LOCKWASHER
	U-3104	1	INLET TUBE 3/16" x 7-1/8" (DISC. ON ENGINE W-643)
35	U-2922	1	INLET TUBE 3/16" x 21-3/4" (EFF. ON ENGINE W-644)
36	910129	2	#69F ELBOW 3/16" x 7-1/8"
37	910126	1	#68F CONNECTOR 3/16" x 1/8"
38	901702	1	1/8" PIPE TEE
39	907059	1	1/8" STREET ELL
40	901467	1	1/8" x 3/4" NIPPLE
41	U-3805	1	PRESSURE GAUGE - REPLACES U-197
	U-3105	1	CYLINDER HEAD OIL TUBE 3/16 x 8" (DISC. ON W-643)
42	911670	1	CYLINDER HEAD OIL TUBE 3/16 x 8-1/2" (EFF. ON W-644)
43	911009	1	#73F ELL CHECK VALVE 3/16" x 1/8"
44	U-2958	1	INLET TUBE SUPPORT
	900863	1	1/4" x 1/2" STOVE BOLT
	904204	1	1/4" LOCKWASHER



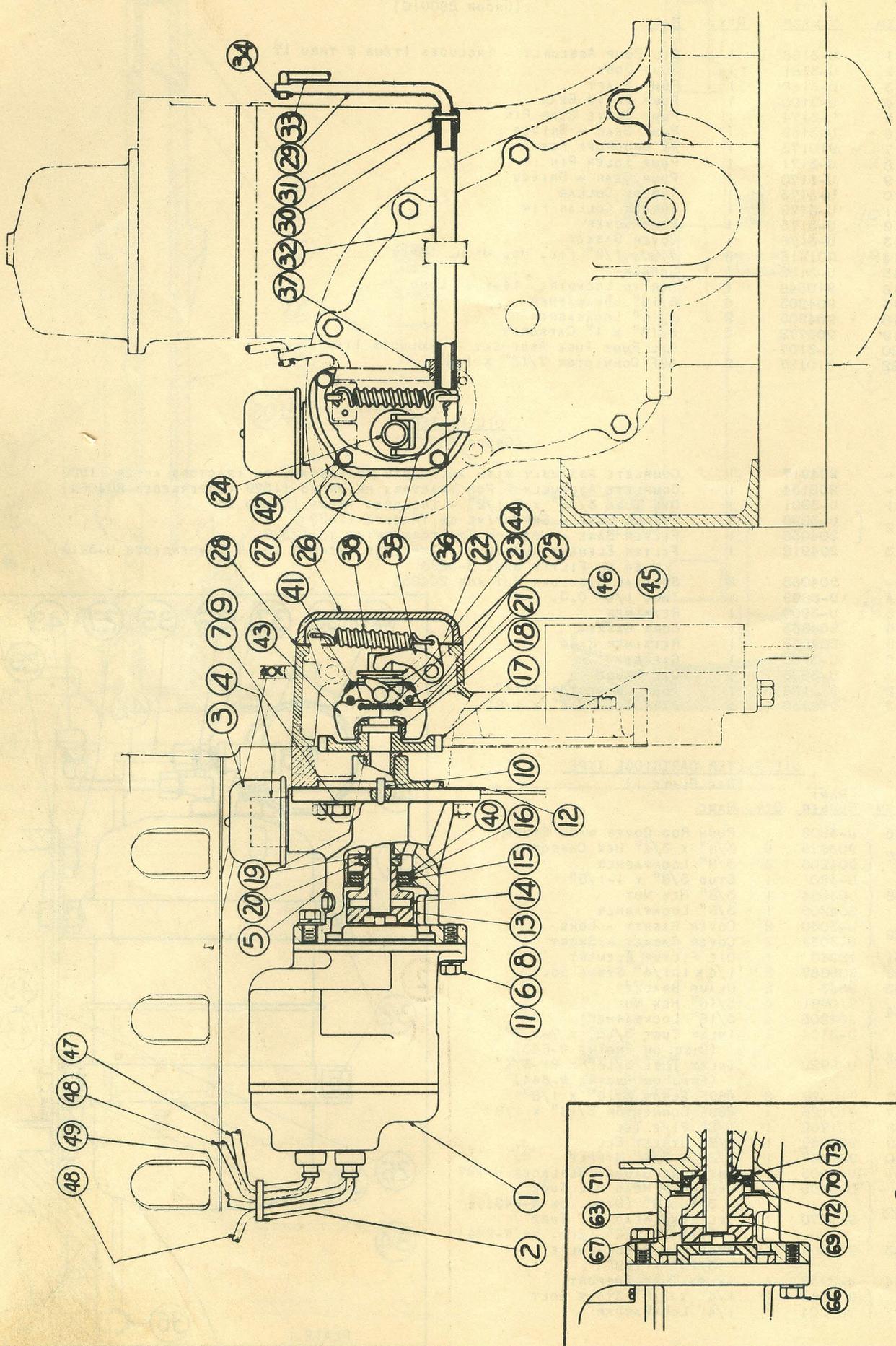


PLATE 2

GOVERNOR AND MAGNETO
(GROUP 280013)

ITEM	PART NUMBER	QTY.	NAME
1	207501	1	TYPE FM4 MORSE MAGNETO
2	U-3203	1	MAGNETO CABLE RETAINER
3	204656	1	OIL FILLER PLUG - SEE NOTE
	207552	1	OIL FILLER CAP
4	U-219	1	OIL FILLER TUBE
5	U-3526	1	MAGNETO BRACKET
6	903631	2	3/8" x 1-1/4" HEX CAPSCREW
7	903630	1	3/8" x 1" HEX CAPSCREW
8	904206	2	3/8" LOCKWASHER
9	904207	1	7/16" LOCKWASHER
10	910146	1	1/4" x 3/4" DOWEL
11	E-1692	2	WASHER
12	U-3079	1	MAGNETO BRACKET GASKET
13	U-3527	1	DRIVE COUPLING HARDEN
14	910134	1	1/4" x 2-1/8" PIN
15	205834	1	MAGNETO SHAFT OIL SEAL - COMPLETE
17	U-3080	1	MAGNETO GEAR
18	910188	1	PIN
19	U-3124	2	BUSHING
20	U-3084	1	MAGNETO SHAFT WASHER
21	U-3086	1	Gov. WEIGHT ASS'Y - INCLUDES ITEMS 22, 23, 25, 41, 43, 44, 45 AND 46
22	207723	1	THRUST BEARING ASSEMBLY
23	U-3193	1	GOVERNOR WEIGHT PIN
24	U-3081	1	GOVERNOR SHAFT
25	U-3621	2	WEIGHT SPRING
26	U-3082	1	COVER
27	905818	4	1/4" x 1-1/2" HEX CAPSCREW
28	U-3083	1	COVER GASKET
29	U-3095	1	CROSS SHAFT
30	U-3098	1	CROSS SHAFT COLLAR
31	901357	1	#0 x 3/4" TAPER PIN
32	U-3096	1	CROSS SHAFT TUBE
33	U-3099	1	CARBURETOR LINK
34	900970	2	1/16" x 1/2" SPRING COTTER
35	U-3094	1	GOVERNOR LEVER
36	901357	1	#0 x 3/4" TAPER PIN
37	U-3097	2	GOVERNOR CROSS SHAFT BUSHING
38	U-3192	1	SPRING WITH PLUNGER
39	U-3208	1	ROD SPRING
41	910147	2	COTTER PIN 3/32" x 1-1/8"
42	904204	4	1/4" LOCKWASHER
44	204144	1	COLLAR FOR U-3193
45	207722	2	CROSS SHAFT
46	207721	2	PIN
47	207551	1	#1 MAGNETO CABLE
48	207550	2	#2 AND #4 MAGNETO CABLE
49	U-3653	1	#3 MAGNETO CABLE

NOTE: 204656 FILLER PLUG IS USED ONLY ON TRACTORS WITH BREATHER IN CYLINDER HEAD COVER. SHOULD NOT BE ORDERED FOR TRACTORS WITH BREATHER IN MAGNETO BRACKET UNLESS NEW CYLINDER HEAD COVER IS ORDERED.

(SEE PLATE 2)

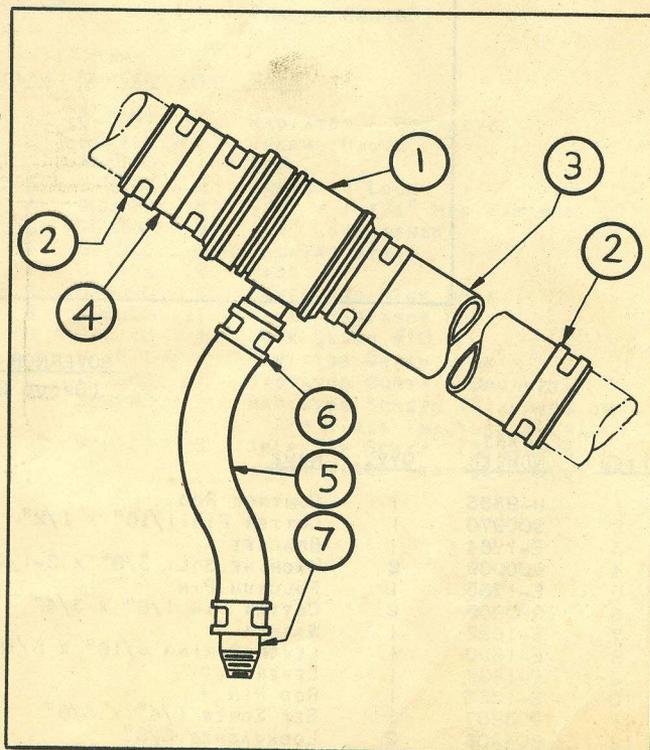
63	U-3379	1	MAGNETO BRACKET (Disc.) ORDER U-3526
66	903631	2	HEX CAPSCREW 3/8 x 1-1/4"
	904206	2	LOCKWASHER 3/8"
67	U-3381	1	DRIVE COUPLING (Disc.) ORDER U-3527
69	910134	1	PIN 1/4" x 2-1/8"
70	U-309	1	CORK RING
71	U-3040	1	CORK RING
72	U-3038	1	CORK RING RETAINER
73	U-3524	1	CORK RING RETAINER

ITEMS 70, 71, 72 AND 73 USED WITH U-3379 AND U-3381 (DISCONTINUED)

THERMOSTAT

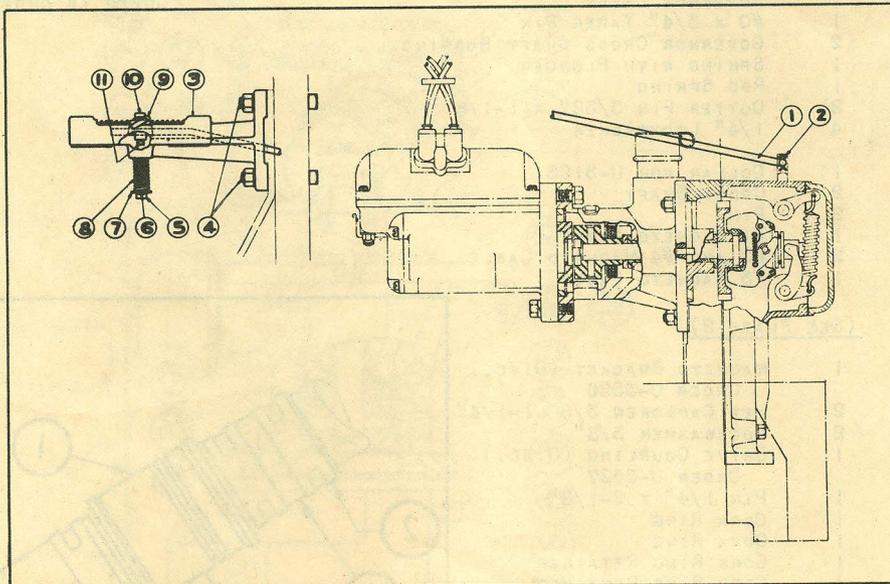
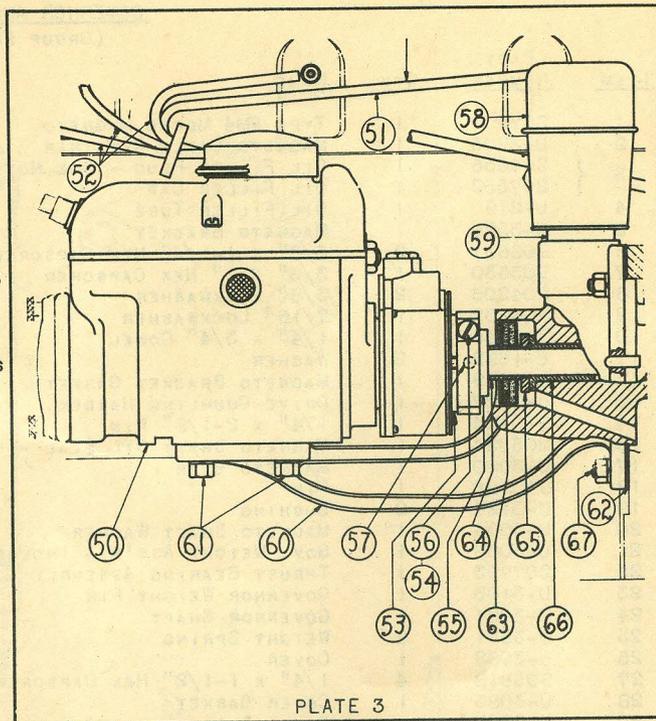
(GROUP 280033 - DISCONTINUED ON WC-29844)

1	U-3525	1	THERMOSTAT - NO BY-PASS (FOR TRACTORS NOT EQUIPPED WITH THERMOSTAT)
	U-3862	1	THERMOSTAT WITH BY-PASS EFFECTIVE TRACTOR WC-9914 - REPLACES U-3426
2	910143	4	HOSE CLAMP #10
3	U-3428	1	HOSE 1-1/2" x 6-3/4"
4	U-3429	1	HOSE 1-1/2" x 2"
5	U-3431	1	HOSE 5/8"
6	U-3430	2	HOSE CLAMP 1/2"
7	AM-9536	1	NIPPLE



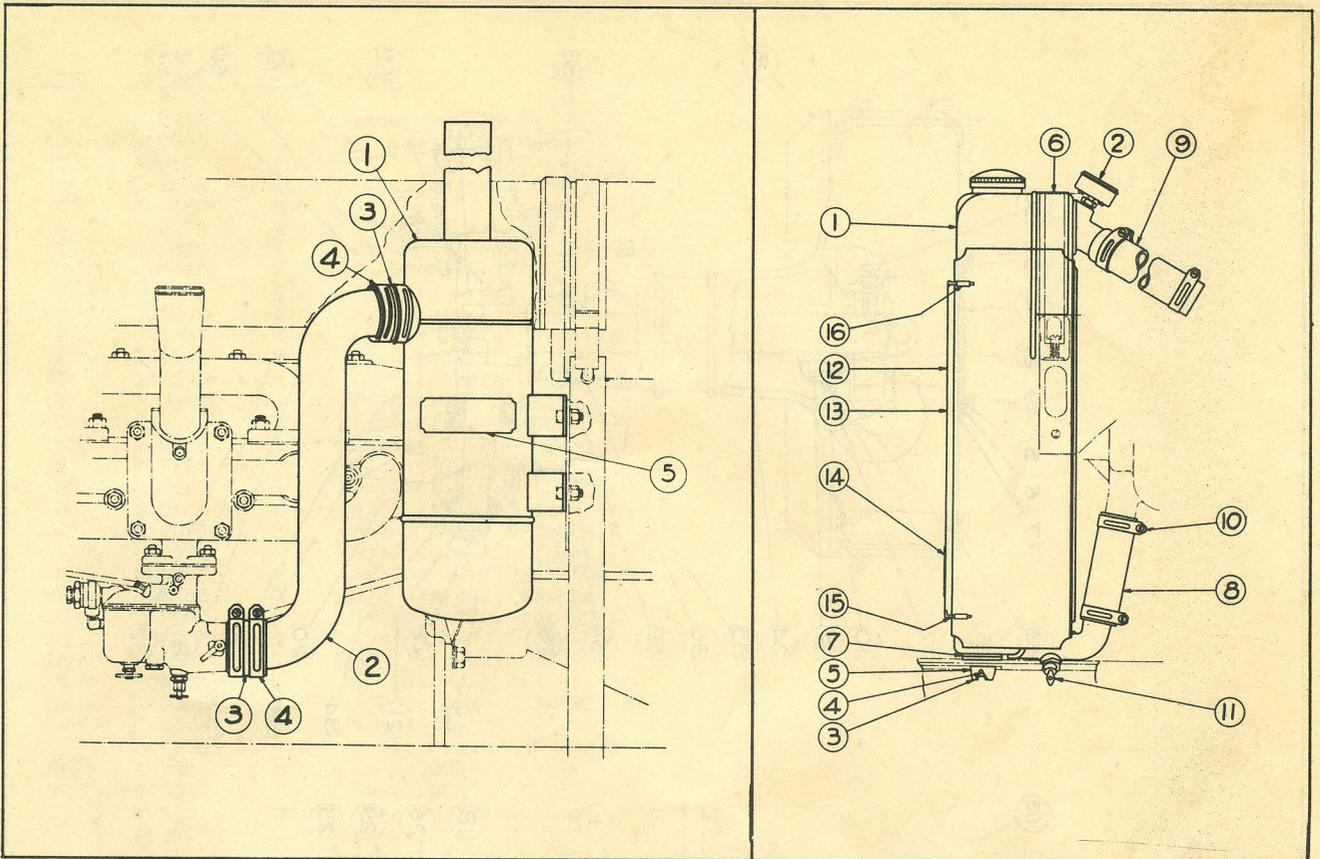
MAGNETO SCINTILLA
(SEE PLATE 3)

ITEM	PART NUMBER	QTY.	NAME
50	U-3191	1	SCINTILLA MAGNETO DISCONTINUED ON WC-3528
51	U-1982	1	SPARK PLUG CABLE 15-3/4"
52	U-1980	3	SPARK PLUG CABLE 11"
53	10-3575	1	FLOATING DISC
54	10-3152	1	DRIVE MEMBER - INCLUDES 55 & 56
55	10-3148	1	DRIVE HUB
56	10-3149	1	ADJUSTING SCREW
57	U-3065	1	PIN 1/4" x 13/16"
58	U-3196	1	BREATHER CAP - USED ON TRACTORS NOT HAVING BREATHER IN CYL. HEAD COVER
59		1	BREATHER TUBE
60	U-3078	1	MAG. BRACKET WITH U-3124
61	903630	5	3/8" N.C. 1" CAPSCREW
	904206	4	3/8" LOCKWASHER
	904207	2	7/16" LOCKWASHER
62	U-3079	1	MAGNETO BRACKET GASKET
63	E-2184A	1	CORK SEAL ASSEMBLY
64	U-3062	1	GOVERNOR SHAFT SPACER
65	U-3084	1	GOVERNOR SHAFT WASHER
66	U-3124	1	GOVERNOR SHAFT BUSHING
67	U-1852	1	STUD 3/8" x 2-3/4"



GOVERNOR CONTROL
(GROUP 280031)

ITEM	PART NUMBER	QTY.	NAME
1	U-2535	1	CONTROL ROD
2	900970	1	COTTER PIN 1/16" x 1/2"
3	E-1764	1	BRACKET
4	900009	2	MACHINE BOLT 3/8" x 2-1/2"
5	E-1765	1	FULCRUM PIN
6	900805	2	COTTER PIN 1/8" x 3/4"
7	E-1692	1	WASHER
8	E-1690	1	LEVER SPRING 9/16" x 5/16"
9	E-1689	1	LEVER
10	E-1333	1	ROD PIN
11	903807	1	SET SCREW 1/4" x 3/8"
12	904206	2	LOCKWASHER 3/8"

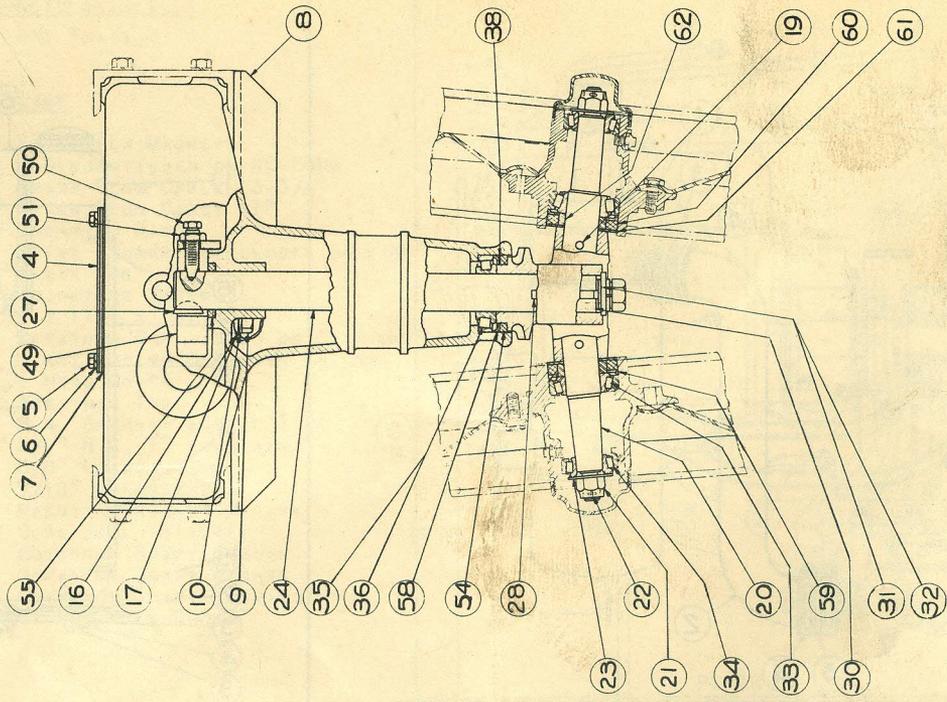
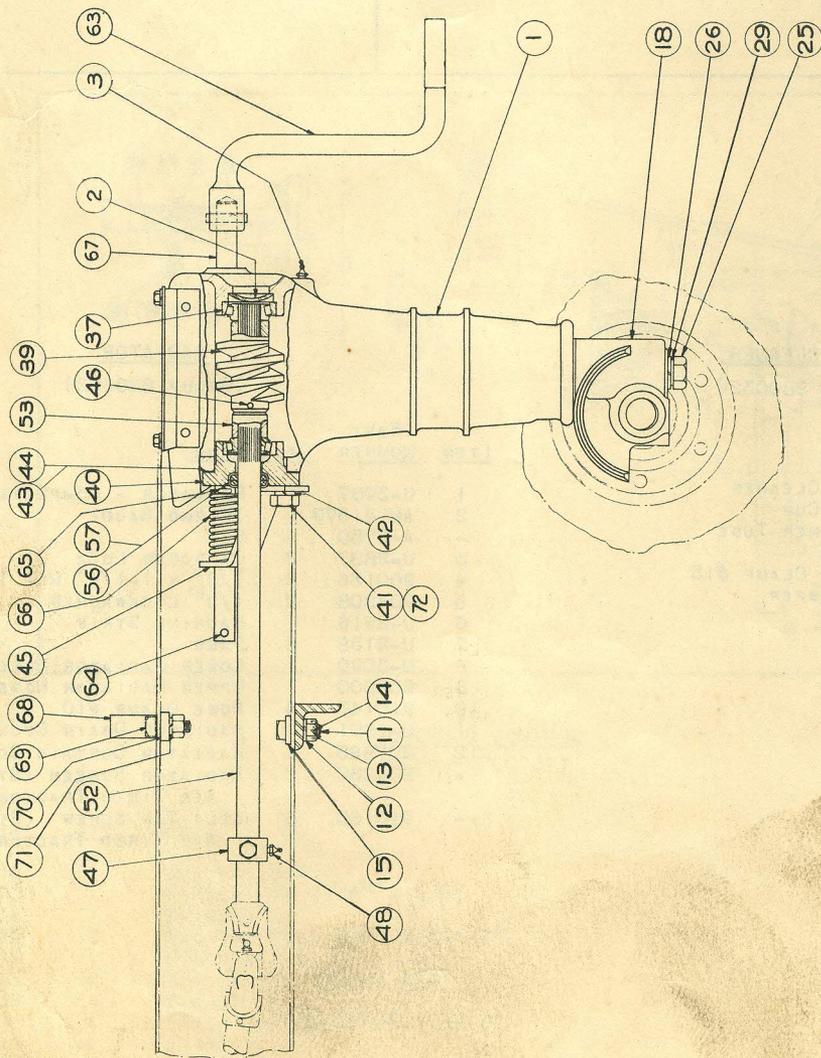


AIR CLEANER
(GROUP 280032)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	U-2559	1	AIR CLEANER
	205088	1	OIL CUP
2	U-2560	1	CLEANER TUBE
3	U-2895	2	HOSE
4	910145	4	HOSE CLAMP #15
5	208028	1	TRANSFER

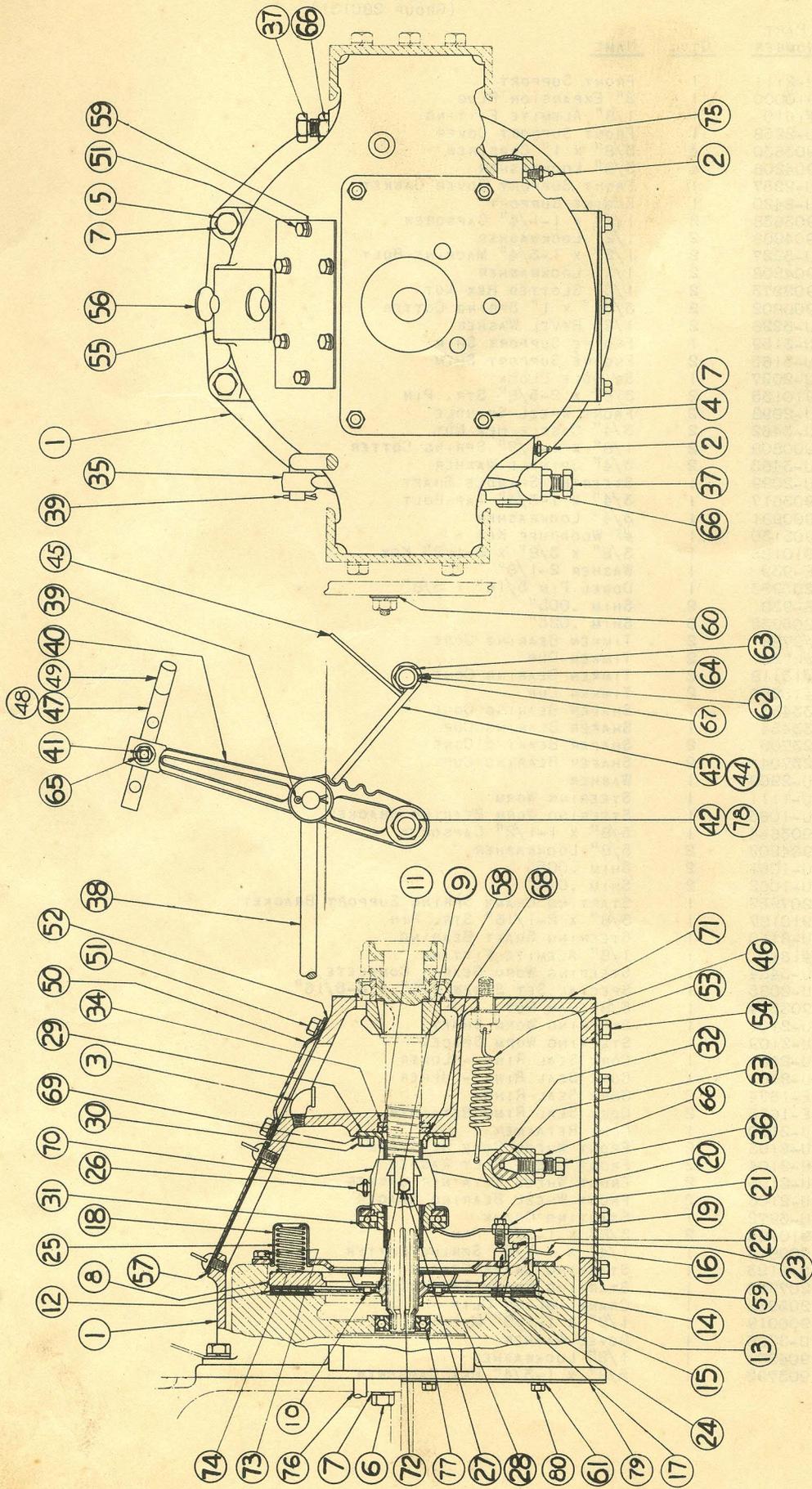
RADIATOR
(GROUP 280432)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	U-3087	1	RADIATOR - COMPLETE
2	AM-41579	1	THERMO GAUGE
-	A-5750	1	CAP
3	U-2887	2	CAPSCREW LOCK
4	900136	2	1/2" x 1-1/4" HEX TAP BOLT
5	904208	2	1/2" LOCKWASHER
6	U-2916	1	PACKING STRIP
7	U-2158	2	PADS
8	U-3090	1	LOWER RADIATOR HOSE
9	205800	1	UPPER RADIATOR HOSE
10	910143	4	HOSE CLAMP #10
11	U-1671	1	RADIATOR DRAIN COCK
12	207863	1	RADIATOR CURTAIN COMPLETE
-	204232	1	RADIATOR SCREEN (STANDARD ON AIR TIERED TRACTORS ONLY)
-	910160	6	SELF TAP SCREW (STANDARD ON AIR TIERED TRACTORS ONLY)



FRONT SUPPORT AND SPINDLE
(GROUP 280131)

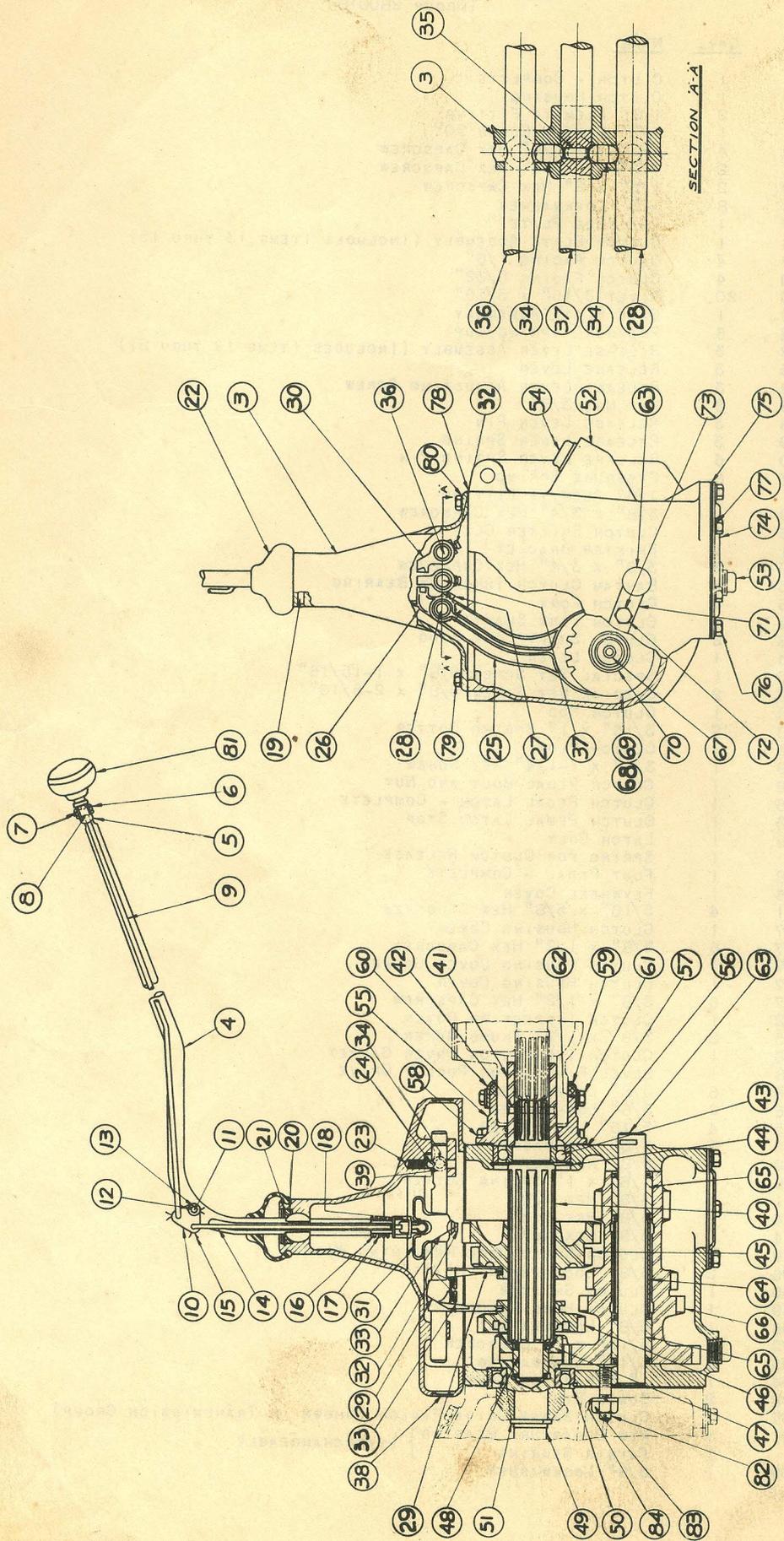
<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	U-2111	1	FRONT SUPPORT
2	910000	1	2" EXPANSION PLUG
3	#1610	1	1/8" ALEMITE FITTING
4	U-2258	1	FRONT SUPPORT COVER
5	903630	4	3/8" x 1" CAPSCREW
6	904206	4	3/8" LOCKWASHER
7	U-2257	1	FRONT SUPPORT COVER GASKET
8	U-2420	1	ENGINE SUPPORT
9	903638	2	1/2" x 1-1/4" CAPSCREW
10	904208	2	1/2" LOCKWASHER
11	U-3227	2	1/2" x 1-3/4" MACHINE BOLT
12	904208	2	1/2" LOCKWASHER
13	902273	2	1/2" SLOTTED HEX NUT
14	900802	2	3/32" x 1" SPRING COTTER
15	U-3226	2	1/2" BEVEL WASHER
16	U-3159	1	ENGINE SUPPORT SHIM
17	U-3165	2	ENGINE SUPPORT SHIM
18	U-2097	1	SPINDLE BLOCK
19	910135	2	3/8" x 2-5/8" STR. PIN
20	U-2098	2	FRONT WHEEL SPINDLE
21	U-3462	2	3/4" CASTLE HEX NUT
22	900808	2	1/8" x 1-1/2" SPRING COTTER
23	U-3463	2	3/4" SPINDLE WASHER
24	U-2099	1	STEERING SPINDLE SHAFT
25	903617	1	3/4" x 1-3/4" TAP BOLT
26	900981	1	3/4" LOCKWASHER
27	905130	1	#F WOODRUFF KEY
28	910185	1	3/8" x 3/8" x 3-1/2" KEY
29	E-939	1	WASHER 2-1/8"
30	205933	1	DOWEL PIN 5/16" x 5/8"
31	E-938	2	SHIM .005"
32	205932	5	SHIM .025"
33	{ #2788	2	TIMKEN BEARING CONE
	{ #2720	2	TIMKEN CUP
34	{ #15118	2	TIMKEN BEARING CONE
	{ #15250	2	TIMKEN CUP
35	33453	1	SHAFTER BEARING CONE
36	33454	1	SHAFTER BEARING CUP
37	{ 23700	2	SHAFTER BEARING CONE
	{ 23704	2	SHAFTER BEARING CUP
38	U-2909	1	WASHER
39	U-1111	1	STEERING WORM
40	U-1063	1	STEERING WORM BEARING BRACKET
41	903644	1	5/8" x 1-1/2" CAPSCREW
42	904209	2	5/8" LOCKWASHER
43	U-1061	2	SHIM .005"
44	U-1062	2	SHIM .014"
45	207959	1	STARTING CRANK SPRING SUPPORT BRACKET
46	910187	1	3/8" x 2-1/16" STR. PIN
47	U-2150	1	STEERING SHAFT BEARING
48	#1610	1	1/8" ALEMITE FITTING
49	U-3464	1	STEERING WORM GEAR - COMPLETE
50	U-2085	1	SPECIAL SET SCREW 5/8" x 2-5/16"
51	903574	1	5/8" JAM NUT
52	U-2107	1	STEERING WORM SHAFT
53	U-2109	1	STEERING WORM SPACER
54	U-2101	1	CORK SEAL RING - LOWER
55	U-2102	1	CORK SEAL RING - UPPER
56	E-1694	2	CORK SEAL RING
57	E-1695	2	CORK SEAL RING RETAINER
58	U-2100	1	CORK RETAINER
59	U-2103	2	FRONT WHEEL CORK RETAINER
60	U-2104	2	FRONT WHEEL FELT WASHER
61	U-2105	2	FRONT WHEEL RETAINER WASHER
62	U-2106	2	FRONT WHEEL BEARING SPACER
63	U-3972	1	STARTING CRANK
64	910186	2	3/8" x 1-3/4" PIN
65	900814	1	1/4" x 1-1/2" SPRING COTTER
66	U-2123	1	STARTING CRANK SPRING
67	207958	1	STARTING CRANK EXTENSION
68	205966	1	CRANK HOLDER CLIP
69	900019	1	1/2" x 1-1/2" MACHINE BOLT
70	U-3226	1	BEVEL WASHER
71	904208	1	1/2" LOCKWASHER
72	903792	1	5/8" x 1-3/4" HEX CAPSCREW



CLUTCH HOUSING AND CLUTCH

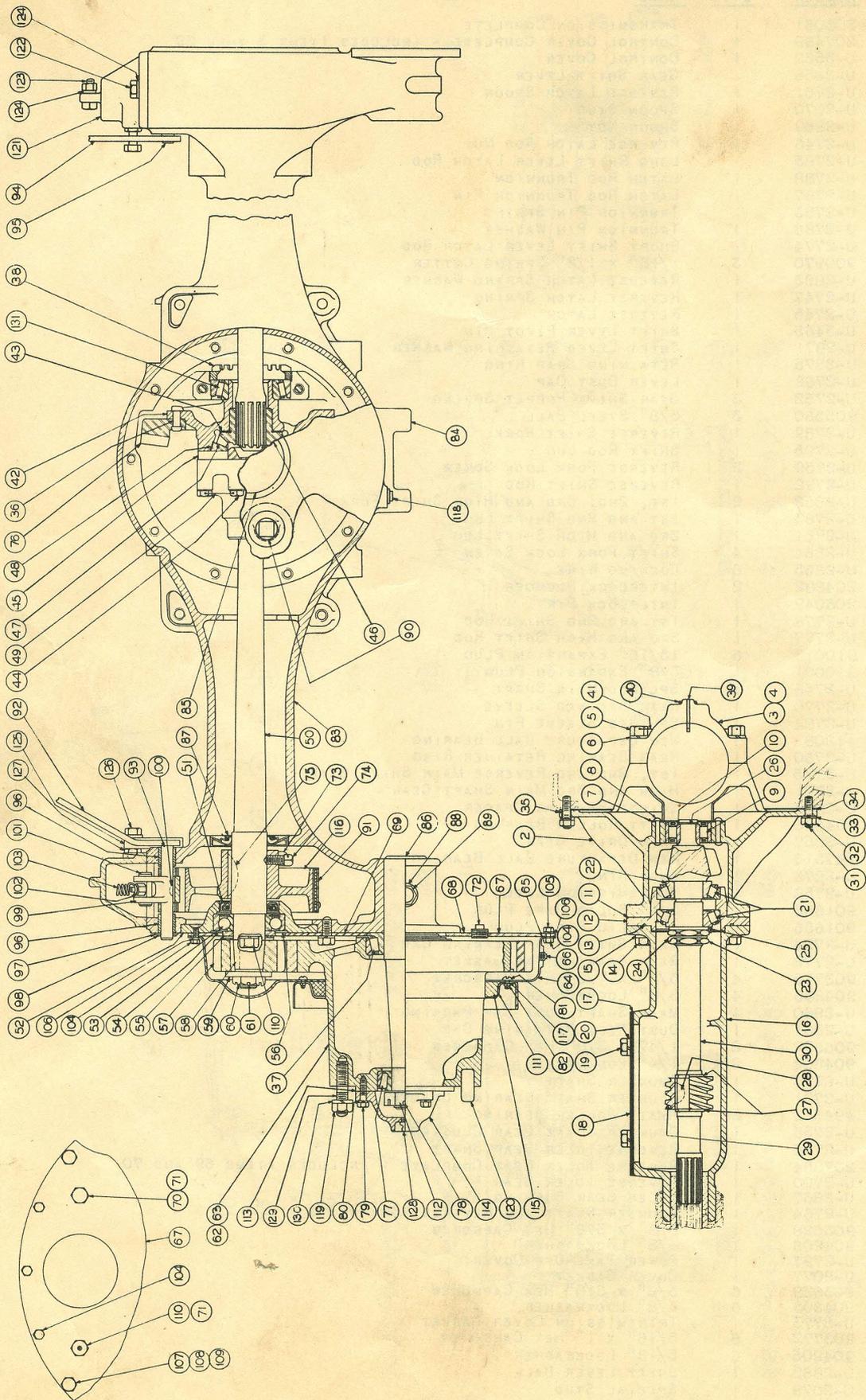
(GROUP 280018)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
-	U-2371	1	CLUTCH - COMPLETE
1	U-3101	1	CLUTCH HOUSING
2	#1610	2	1/8" ALEMITE FITTING
3	907059	1	1/8" STREET ELBOW 90°
4	903639	4	1/2" x 1-1/2" HEX CAPSCREW
5	904541	2	1/2" x 1-3/4" HEX CAPSCREW
6	903640	2	1/2" x 2" HEX CAPSCREW
7	904208	8	1/2" LOCKWASHER
8	204837	1	PRESSURE PLATE
9	204838	1	CLUTCH PLATE ASSEMBLY (INCLUDES ITEMS 13 THRU 15)
13	204839	4	CLUTCH FACING 1/8"
14	204840	4	CLUTCH FACING 5/32"
15	911005	20	RIVET 3/16" x 5/16"
16	204842	1	BACK PLATE ASSEMBLY
18	204844	6	PRESSURE SPRING CUP
-	207162	3	RELEASE LEVER ASSEMBLY (INCLUDES ITEMS 19 THRU 21)
19	204845	3	RELEASE LEVER
20	204846	3	RELEASE LEVER ADJUSTING SCREW
21	910329	3	HEX NUT 3/8"
22	204848	3	RELEASE LEVER PIN
23	204849	3	RELEASE LEVER SPRING
24	204850	6	RELEASE LEVER SPRING PIN
25	204843	6	PRESSURE SPRING
26	Z-35A	1	1/8" ALEMITE FITTING
27	903629	1	3/8" x 3/4" HEX CAPSCREW
28	U-3623	1	CLUTCH SHIFTER CLIP
29	U-2531	1	SHIFTER BRACKET
30	903629	2	3/8" x 3/4" HEX CAPSCREW
31	A-1155A	1	BANTAM CLUTCH THROWOUT BEARING
32	U-2095	1	CLUTCH FORK
33	U-2094	1	CLUTCH FORK SHAFT
34	U-2086	2	CLUTCH SHAFT CORK RING
35	U-2093	1	CLUTCH LEVER
36	U-2265	1	SPECIAL SET SCREW 5/8" x 1-15/16"
37	U-2085	2	SPECIAL SET SCREW 5/8" x 2-5/16"
38	U-2262	1	CLUTCH ROD
39	900938	2	3/16" x 1" SPRING COTTER
40	U-2253	1	CLUTCH PEDAL
41	901279	1	3/8" x 1-1/4" SET SCREW
42	U-3496	1	CLUTCH PEDAL BOLT AND NUT
43	U-2256	1	CLUTCH PEDAL LATCH - COMPLETE
44	U-3673	1	CLUTCH PEDAL LATCH STOP
45	U-3808	1	LATCH BOLT
46	E-384	1	SPRING FOR CLUTCH RELEASE
47	U-3498	1	FOOT PEDAL - COMPLETE
48	U-2416	1	FLYWHEEL COVER
49	905661	4	5/16" x 5/8" HEX CAPSCREW
50	U-2797	1	CLUTCH HOUSING COVER
51	903627	6	3/8" x 1/2" HEX CAPSCREW
52	U-2077	1	CLUTCH HOUSING COVER GASKET
53	U-2417	1	CLUTCH HOUSING COVER
54	903627	6	3/8" x 1/2" HEX CAPSCREW
55	U-2422	1	CLUTCH INSPECTION COVER
56	U-3435	2	3/8" x 1/2" THUMB SCREW
57	U-2423	1	CLUTCH INSPECTION COVER GASKET
58	U-2128	1	BEVEL PINION FOR PULLEY DRIVE
59	904206	6	3/8" LOCKWASHER
60	904206	6	3/8" LOCKWASHER
61	904205	4	5/16" LOCKWASHER
62	904209	1	5/8" LOCKWASHER
63	900370	1	5/8" HEX NUT
64	900806	1	1/8" x 1" SPRING COTTER
65	902161	1	3/8" HEX NUT
66	903574	2	5/8" HEX NUT
67	903574	1	5/8" HEX NUT
68	U-2529	1	CLUTCH SHAFT CORK RETAINING WASHER
69	904206	2	3/8" LOCKWASHER
70	U-2530	1	CLUTCH SHIFTER
71	U-2089	1	CLUTCH HOUSING GASKET
72	904206	1	3/8" LOCKWASHER
73	903772	6	5/16" x 1" CAPSCREW
74	904205	6	5/16" LOCKWASHER
75	910004	1	1" EXPANSION PLUG
76	U-2532	2	DOWEL PIN
-	U-2857	1	CLUTCH SHAFT DRIVE PINION (SHOWN IN TRANSMISSION GROUP)
77	{ #8508	1	NEW DEPARTURE BEARING
	205T	1	FAFNIR BEARING
78	904209	1	5/8" LOCKWASHER



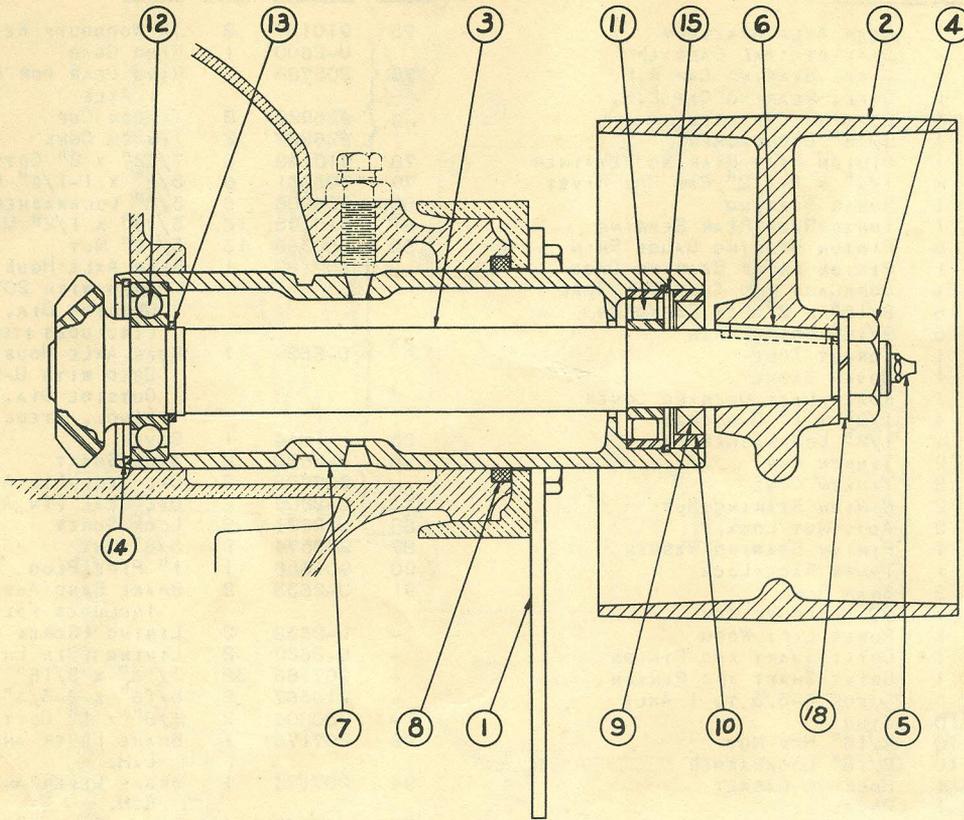
TRANSMISSION
(GROUP 280017)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	206061	1	TRANSMISSION COMPLETE
2	207469	1	CONTROL COVER COMPLETE - INCLUDES ITEMS 3 THRU 39
3	U-3532	1	CONTROL COVER
4	U-2856	1	GEAR SHIFT LEVER
5	U-2761	1	REVERSE LATCH SPOON
6	U-2870	1	SPOON STUD
7	U-2869	1	SPOON NUT
8	U-2746	1	REVERSE LATCH ROD NUT
9	U-2785	1	LONG SHIFT LEVER LATCH ROD
10	U-2788	1	LATCH ROD TRUNNION
11	U-2787	1	LATCH ROD TRUNNION PIN
12	U-2783	1	TRUNNION PIN SPRING
13	U-2786	1	TRUNNION PIN WASHER
14	U-2774	1	SHORT SHIFT LEVER LATCH ROD
15	900970	3	1/16" x 1/2" SPRING COTTER
16	U-2863	1	REVERSE LATCH SPRING WASHER
17	U-2747	1	REVERSE LATCH SPRING
18	U-2745	1	REVERSE LATCH
19	U-3465	1	SHIFT LEVER PIVOT PIN
20	U-2871	1	SHIFT LEVER RETAINING WASHER
21	U-2875	1	RETAINING SNAP RING
22	U-2762	1	LEVER DUST CAP
23	U-2752	3	GEAR SHIFT POPPET SPRING
24	905360	3	3/8" STEEL BALL
25	U-2789	1	REVERSE SHIFT FORK
26	U-2795	1	SHIFT ROD LUG
27	U-2759	2	REVERSE FORK LOCK SCREW
28	U-2792	1	REVERSE SHIFT ROD
29	U-2858	2	1ST, 2ND, 3RD AND HIGH SHIFT FORK
30	U-2763	1	1ST AND 2ND SHIFT LUG
31	U-2751	1	3RD AND HIGH SHIFT LUG
32	U-2864	4	SHIFT FORK LOCK SCREW
33	U-2865	6	LOCKING WIRE
34	204882	2	INTERLOCK PLUNGER
35	206049	1	INTERLOCK PIN
36	U-2778	1	1ST AND 2ND SHIFT ROD
37	U-2777	1	3RD AND HIGH SHIFT ROD
38	910013	6	13/16" EXPANSION PLUG
39	910001	1	5/8" EXPANSION PLUG
40	U-2748	1	SPLINED MAIN SHAFT
41	U-2770	1	REAR SPLINED SLEEVE
42	U-2784	1	SPLINED SLEEVE PIN
43	#1208	1	NEW DEPARTURE BALL BEARING
44	U-2760	1	REAR BEARING RETAINER RING
45	U-2775	1	1ST, 2ND AND REVERSE MAIN SHAFT GEAR
46	U-2791	1	HIGH AND 3RD MAIN SHAFT GEAR
47	U-2868	1	SPIGOT BEARING SPACER
48	#94520	1	HYATT ROLLER BEARING
49	U-2857	1	MAIN DRIVE GEAR
50	#47510	1	NEW DEPARTURE BALL BEARING
51	U-2876	1	SNAP RING
52	U-2758	1	TRANSMISSION CASE
53	901655	1	3/4" SOLID PIPE PLUG
54	901656	1	1" SOLID PIPE PLUG
55	U-2794	1	MAIN SHAFT REAR BEARING CAP
56	U-2772	1	REAR BEARING CAP GASKET
57	903775	4	3/8" x 7/8" HEX CAPSCREW
58	904206	4	3/8" LOCKWASHER
59	U-2860	1	MAIN SHAFT DUST CAP PACKING
60	U-2861	1	DUST FELT RETAINING CAP
61	906692	2	1/4" x 3/8" HEX CAPSCREW
62	904204	2	1/4" LOCKWASHER
63	U-2776	1	COUNTER SHAFT
64	U-2771	1	COUNTER SHAFT BEARING SPACER
65	#94632	2	HYATT ROLLER BEARING
66	U-2753	1	COUNTER SHAFT GEAR CLUSTER
67	U-2796	1	REVERSE IDLER GEAR SHAFT
68	207864	1	REVERSE IDLER GEAR COMPLETE - INCLUDES ITEMS 69 AND 70
69	U-2790	1	REVERSE IDLER GEAR
70	U-2867	1	IDLER GEAR BUSHING
71	U-2764	1	COUNTER SHAFT AND REVERSE LOCK PLATE
72	903628	1	3/8" x 5/8" HEX CAPSCREW
73	904206	1	3/8" LOCKWASHER
74	U-2797	1	POWER TAKE-OFF COVER
75	U-2077	1	COVER GASKET
76	903628	6	3/8" x 5/8" HEX CAPSCREW
77	904206	6	3/8" LOCKWASHER
78	U-2773	1	TRANSMISSION COVER GASKET
79	903772	6	5/16" x 1" HEX CAPSCREW
80	904205	6	5/16" LOCKWASHER
81	U-2862	1	SHIFT LEVER BALL
82	U-2078	1	SPECIAL STUD
83	900369	1	1/2" HEX NUT
84	904208	1	1/2" LOCKWASHER
-	U-2877	1	BEARING LOCK RING FOR ITEM 50



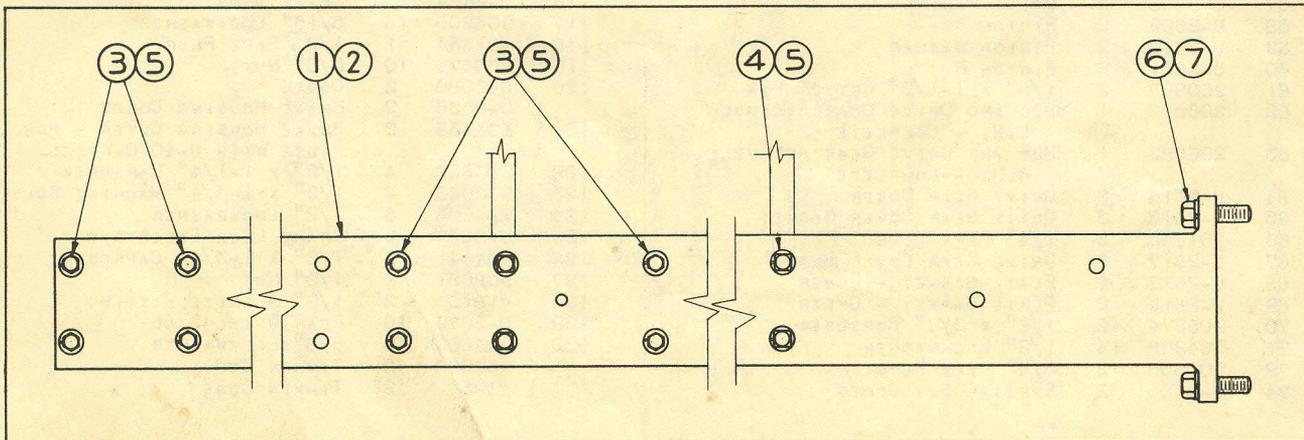
REAR AXLE
(GROUP 280016)

ITEM	PART NUMBER	QTY.	NAME	ITEM	PART NUMBER	QTY.	NAME	
1	206060	1	REAR AXLE ASSEMBLY	75	910157	2	TX WOODRUFF KEY	
2	U-2561	1	DIFFERENTIAL CARRIER		U-2600	1	RING GEAR	
3	U-2563	1	DIFF. BEARING CAP R.H.	76	205788	1	RING GEAR FOR 6-3/5 TO 1 AXLE	
4	U-2564	1	DIFF. BEARING CAP L.H.		#26820	2	TIMKEN CUP	
5	U-2578	4	BEARING CAPSCREW	77	#26882	2	TIMKEN CONE	
6	910153	4	9/16" LOCKWASHER	78	910148	2	7/32" x 2" COTTER PIN	
7	U-2565	1	PINION REAR BEARING RETAINER	79	903631	6	3/8" x 1-1/4" CAPSCREW	
8	900743	2	1/4" x 1-1/2" PAN HD. RIVET	80	904206	6	3/8" LOCKWASHER	
9	B-305N	1	BOWER BEARING	81	910195	16	5/16" x 1/2" MACHINE SCREW	
10	U-2580	1	INNER RACE REAR BEARING	82	900366	16	5/16" NUT	
11	U-2568	5	PINION BEARING GAUGE SHIM		207187	1	REAR AXLE HOUSING ASSEMBLY USED WITH 207708 4.259" OUTSIDE DIA. OIL SEAL (INCLUDES ITEMS 84 THRU 89)	
12	U-2567	1	PINION FRONT BEARING CAGE	83	U-2629	1	REAR AXLE HOUSING ASSEMBLY USED WITH U-2602 3.194" OUTSIDE DIA. OIL SEAL (INCL. ITEMS 84 THRU 89)	
13	U-2569	1	CORK CAGE AND TUBE OIL SEAL		U-1814	1	COVER	
14	910159	6	9/16" x 2" HEX CAPSCREW	85	U-2620	2	STUB SHAFT	
15	910153	6	9/16" LOCKWASHER	86	207708	2	OIL SEAL (IN ASS'Y 207187)	
16	U-2570	1	TORQUE TUBE	87	U-2602	2	OIL SEAL (IN ASS'Y U-2629)	
17	U-2572	1	COVER GASKET	88	U-2621	2	LOCK SCREW	
18	U-2571	1	POWER LIFT OPENING COVER	89	903574	2	5/8" NUT	
19	903637	4	1/2" x 1" CAPSCREW	90	901656	1	1" PIPE PLUG	
20	904208	4	1/2" LOCKWASHER	91	U-2633	2	BRAKE BAND ASSEMBLY INCLUDES FOLLOWING 5 ITEMS	
21	#44348	2	TIMKEN CUP	-	U-2638	2	LINING (SCREW END)	
22	#44156	2	TIMKEN CONE	-	U-2639	2	LINING (PIN END)	
23	U-2575	2	PINION BEARING NUT	-	907166	32	3/16" x 5/16" TUBULAR RIVET	
24	U-2576	2	ADJ. NUT LOCK	-	910367	2	5/16" x 2-3/4" HINGE PIN	
25	U-2577	1	PINION BEARING WASHER	-	900806	2	1/8" x 1" COTTER PIN	
26	U-2581	1	INNER RACE LOCK	92	207175	1	BRAKE LEVER AND PIN ASS'Y L.H.	
27	U-2583	2	SNAP RING		94	207174	1	BRAKE LEVER AND PIN ASS'Y R.H.
28	910156	1	#C WOODRUFF KEY		96	U-2645	4	BRAKE SHAFT BUSHING
29	U-2219	1	POWER LIFT WORM		97	900820	2	3/4" PLAIN WASHER
30	U-2599	1	DRIVE SHAFT AND PINION		98	900807	2	1/8" x 1-1/4" COTTER PIN
	206027	1	DRIVE SHAFT AND PINION FOR 6-3/5 TO 1 AXLE		99	U-2646	2	BRAKE TOGGLE
31	U-2632	10	STUD	100	905125	2	#13 WOODRUFF KEY	
32	910194	10	7/16" HEX NUT	101	U-2647	2	TOGGLE PIN	
33	904207	10	7/16" LOCKWASHER	102	U-2648	2	BRAKE ADJ. NUT	
34	U-2630	1	HOUSING GASKET	103	U-2649	2	BRAKE BAND RETURN SPRING	
35	U-2631	1	DOWEL	104	903626	32	5/16" x 3/4" CAPSCREW	
36	U-2597	12	DRIVE GEAR RIVET	105	900366	26	5/16" NUT	
37	#3920	2	TIMKEN CUP	106	904205	32	5/16" LOCKWASHER	
	#3982	2	TIMKEN CONE	107	910158	8	7/16" x 1" CAPSCREW	
38	U-2586	2	ADJUSTING RING	108	900368	8	7/16" NUT	
39	U-2587	2	ADJUSTING RING LOCK	109	904207	8	7/16" LOCKWASHER	
40	900933	2	3/16" x 1" COTTER PIN	110	205506	2	SPECIAL CAPSCREW	
42	U-3269	1	DIFFERENTIAL CASE ASSEMBLY	111	U-2082	2	CORK RING RETAINER	
43	U-3272	2	SIDE GEAR THRUST WASHER	112	E-343	2	HUB NUT	
44	U-2582	8	DIFFERENTIAL CASE CAPSCREW	113	U-587	2	HUB CAP GASKET	
45	U-2592	1	DIFFERENTIAL SPIDER	114	204339	2	HUB CAP	
46	U-2593	2	DIFFERENTIAL SIDE GEAR	115	U-2533	2	CORK RING	
47	U-3270	4	DIFFERENTIAL PINION	116	U-2624	2	BRAKE DRUM	
48	U-3271	4	PINION THRUST WASHER	117	904205	16	5/16" LOCKWASHER	
50	U-2601	2	DRIVE SHAFT	118	901654	1	1/2" PIPE PLUG	
51	U-2602	2	OIL SEAL	119	900370	10	5/8" NUT	
52	U-2603	2	DRIVE SHAFT BEARING CAGE	120	U-2080	2	DOWEL	
53	#7309	2	N.D. BALL BEARING		U-2536	2	BRAKE HOUSING COVER	
54	U-2605	2	BEARING RETAINER	121	204433	2	BRAKE HOUSING COVER - FOR USE WITH U-4010 WHEEL	
55	U-2606	2	BEARING SPACER	122	903638	4	1/2" x 1-1/4" CAPSCREW	
56	U-2607	2	BEARING SPRING WASHER	123	900020	2	1/2" x 1-3/4" MACHINE BOLT	
57	U-2608	2	DRIVE PINION	124	904208	6	1/2" LOCKWASHER	
58	U-2609	2	PINION KEY	125	U-2537	2	BRAKE LOCK ECCENTRIC	
59	U-2610	2	PINION WASHER	126	904541	2	1/2" x 1-3/4" CAPSCREW	
60	U-2611	2	PINION NUT	127	902021	2	1/2" NUT	
61	900808	2	1/8" x 1-1/2" COTTER PIN	128	#1610	2	1/8" ALEMITE FITTING	
62	206082	1	HUB AND DRIVE GEAR ASSEMBLY L.H. - COMPLETE	129	U-2079	10	REAR WHEEL STUD	
63	206083	1	HUB AND DRIVE GEAR ASSEMBLY R.H. - COMPLETE	130	904209	10	5/8" LOCKWASHER	
64	U-2614	2	DRIVE GEAR COVER	131	#3920A	2	TIMKEN CUP	
65	U-2615	2	DRIVE GEAR COVER GASKET		#395	2	TIMKEN CONE	
66	901652	2	1/4" PIPE PLUG					
67	U-2617	2	DRIVE GEAR COVER PLATE					
68	U-2618	2	PLATE GASKET - LOWER					
69	U-2619	2	PLATE GASKET - UPPER					
70	905274	12	1/2" x 3/4" CAPSCREW					
71	904208	14	1/2" LOCKWASHER					
72	901655	2	3/4" PIPE PLUG					
74	U-2625	2	SPECIAL SET SCREW					



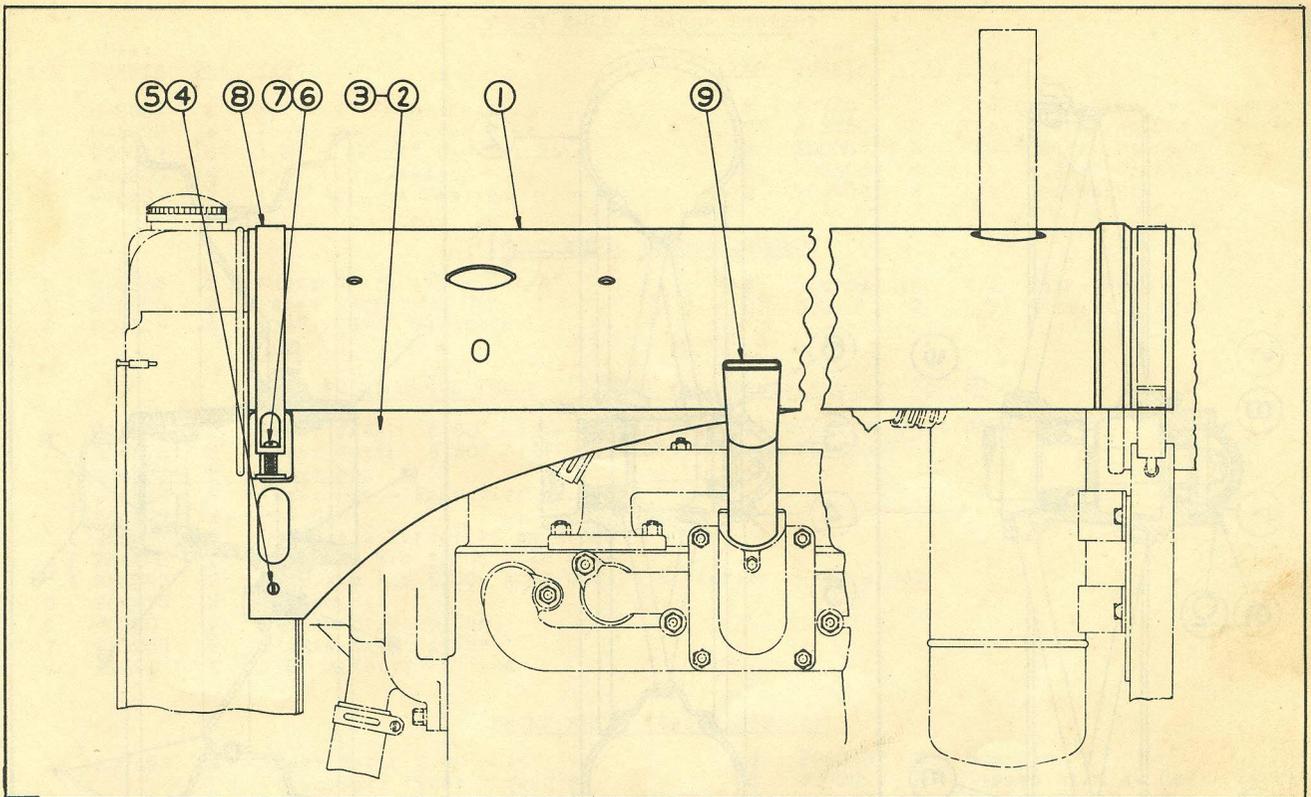
BELT PULLEY (GROUP 280030)

ITEM	PART NUMBER	QTY.	NAME	ITEM	PART NUMBER	QTY.	NAME
1	U-2686	1	GUIDE	11	A-1207TS	1	HYATT ROLLER BEARING
2	U-2671	1	PULLEY	12	#1208	1	BALL BEARING
3	U-2672	1	SHAFT	13	U-2179	1	1-15/32" SNAP RING
4	906910	1	1" NUT	14	U-2180	1	3-3/16" SNAP RING
	906968	1	1" LOCKWASHER	15	U-2470	1	3" SNAP RING
5	#1610	1	1/8" ALEMITE FITTING	-	U-3352	1	COVER
6	905857	1	1/4" x 1-1/4" x 1-3/4" KEY	-	U-3353	1	GASKET
7	U-2673	1	TUBE	-	906968	1	LOCKWASHER 1"
8	U-2289	1	CORK TUBE RING	-	U-2085	1	SPECIAL SET SCREW 5/8" x 2-5/16"
9	U-2674	1	OIL SEAL	-	903574	1	HEX NUT 5/8"
10	U-2708	1	BUSHING				



FRAME (GROUP 280015)

1	U-2414	1	R.H. CHANNEL	5	904208	24	1/2" LOCKWASHER
2	U-2415	1	L.H. CHANNEL	6	U-2283	4	3/4" x 2-1/4" CAPSCREW
3	903638	18	1/2" x 1-1/4" CAPSCREW	7	904369	4	3/4" LOCKWASHER
4	900019	6	1/2" x 1-1/2" MACHINE BOLT				

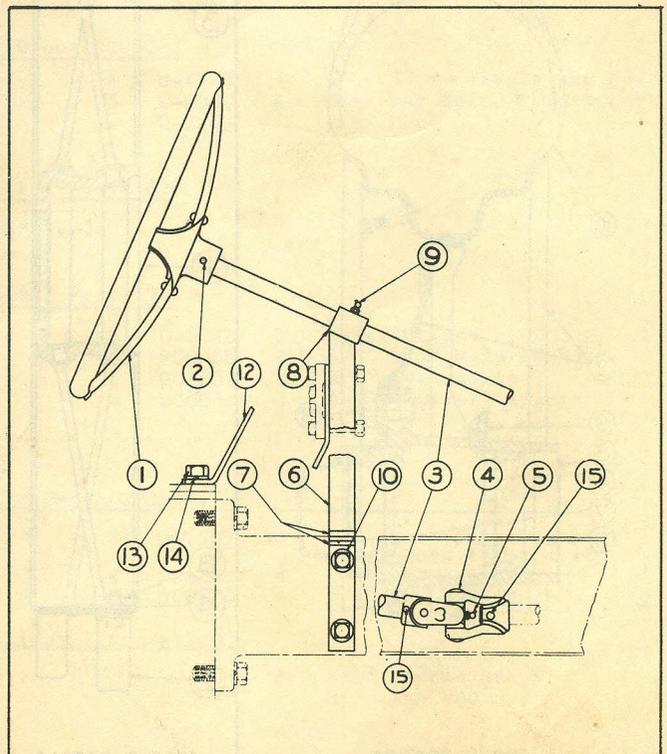


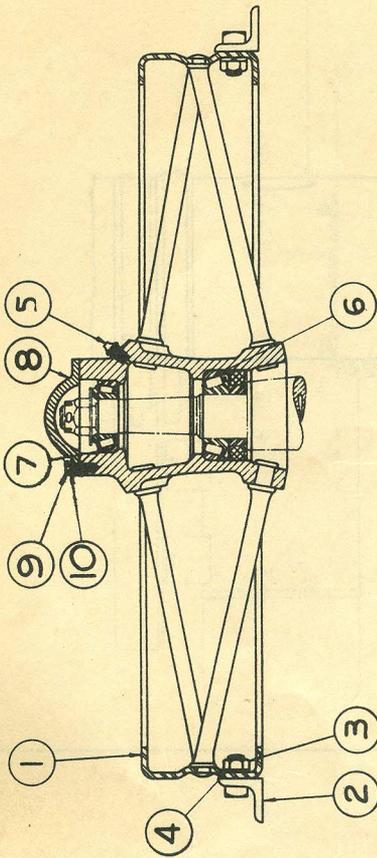
HOOD AND EXHAUST
 (GROUP 280035 KEROSENE)
 (GROUP 280949 GASOLINE)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	204268	1	HOOD COMPLETE - KEROSENE
	207885	1	HOOD COMPLETE - GASOLINE
4	906574	2	5/16" x 5/8" STOVE BOLT
5	904205	2	5/16" LOCKWASHER
6	U-2132	2	CAPSCREW
7	910335	2	WASHER 5/16"
8	U-2131	1	STRAP
9	U-3180	1	EXHAUST PIPE

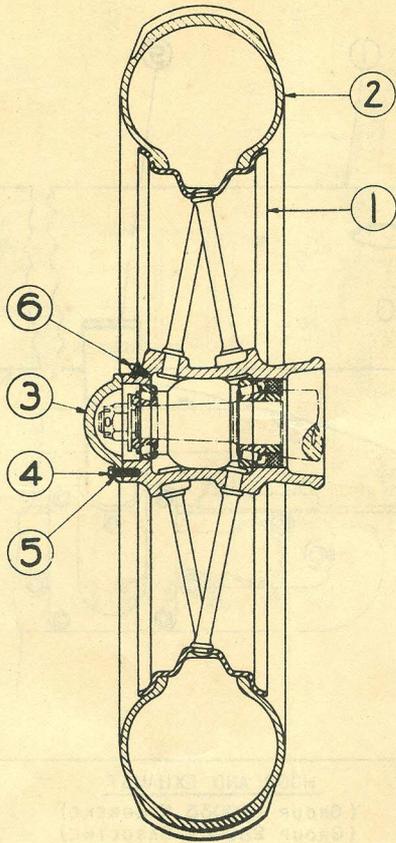
STEERING WHEEL, SHAFT AND SUPPORT
 (GROUP 280025)

1	U-2260	1	HAND WHEEL
2	912343	1	3/8" x 2" GROOVE PIN
3	U-2151	1	STEERING SHAFT
4	U-2152	1	UNIVERSAL JOINT
5	#1612	1	1/8" ALEMITE FITTING
6	U-2116	1	STEERING SHAFT SUPPORT COMPLETE
9	#1612	1	1/8" ALEMITE FITTING
10	900026	2	1/2" x 4" MACHINE BOLT
11	904208	2	1/2" LOCKWASHER
12	205286	1	STEERING SUPPORT BRACE
13	205287	1	3/4" x 2-3/8" CAPSCREW
14	904369	1	3/4" LOCKWASHER
15	910186	2	3/8" x 1-3/4" STRAIGHT PIN

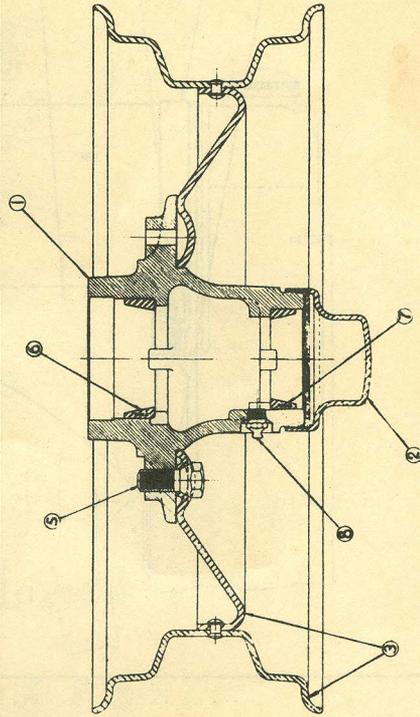




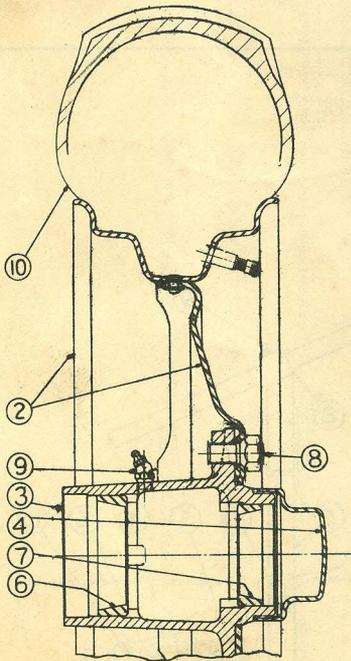
GROUP 280020



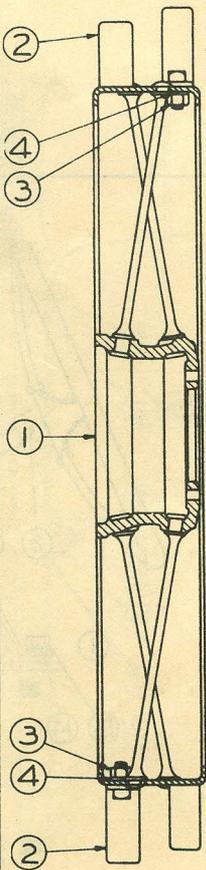
GROUP 280022



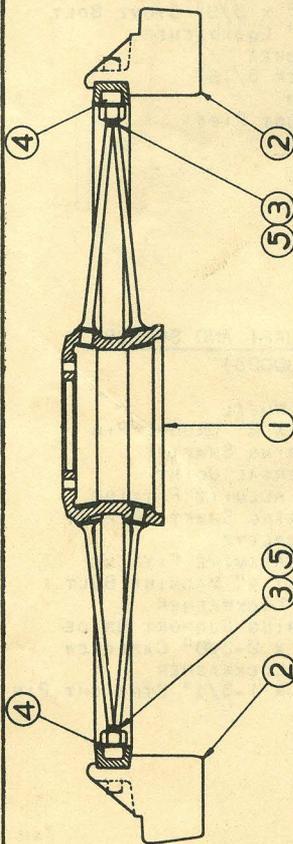
GROUP 280130



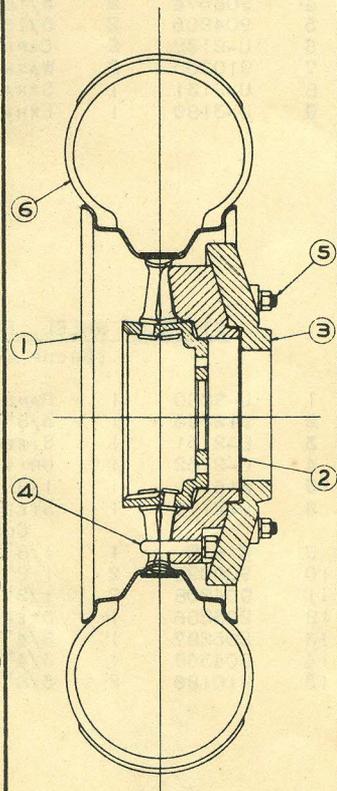
GROUP 280896



GROUP 280019



GROUP 280023



GROUP 280021

FRONT WHEEL (GROUP 280020)

ITEM	PART NUMBER	QTY.	NAME	ITEM	PART NUMBER	QTY.	NAME
1	U-2068	2	24" x 4" FRONT WHEEL	6	#2720	2	TIMKEN BEARING CUP - INNER
2	U-1020	4	FRONT WHEEL GUIDE RING	7	#15250	2	TIMKEN BEARING CUP - OUTER
3	900018	16	1/2" x 1-1/4" MACHINE BOLT	8	206085	2	FRONT WHEEL HUB CAP
4	904208	16	1/2" LOCKWASHER	9	903625	6	1/4" x 3/8" CAPSCREW
5	#1610	2	1/8" ALEMITE FITTING	10	904204	6	1/4" LOCKWASHER

FRONT WHEEL (GROUP 280022)

1	U-2553	2	FRONT WHEEL 17" x 5-1/4"	5	904204	6	1/4" LOCKWASHER
3	206085	2	FRONT WHEEL HUB CAP	6	#1610	2	1/8" ALEMITE FITTING
4	903625	6	1/4" x 3/4" CAPSCREW				

FRONT WHEEL (GROUP 280755) WAS FORMERLY GROUP 280130

-	206344	2	FRONT WHEEL 5.50" - 16" - COMPLETE (EFFECTIVE ON WC-41388)				
-	204473	2	FRONT WHEEL 5.50" - 16" (DISCONTINUED ON WC-41387)				
1	204476	2	FRONT HUB				
	206342	2	FRONT HUB - EFFECTIVE ON 41388				
2	204479	2	HUB CAP				
	206343	2	HUB CAP - EFFECTIVE ON 41388				
3	204478	2	DISC AND RIM 4.50E x 16 D.C.				
	206323	2	DISC AND RIM 4.50E x 16 D.C. - EFFECTIVE ON WC-41388				
5	204475	12	HUB BOLT				
6	#2720	2	TIMKEN BEARING CUP				
7	#15250	2	TIMKEN BEARING CUP				
8	#1611	2	1/8" ALEMITE FITTING				

FRONT WHEEL (GROUP 280896)

1	207493	2	FRONT WHEEL 5.50" - 16"	4	206343	2	HUB CAP
			INCLUDES ITEMS 1 THRU 8	6	#2720	2	TIMKEN BEARING CUP - INNER
			(EFFECTIVE ON WC-62339)	7	#15250	2	TIMKEN BEARING CUP - OUTER
2	207494	2	RIM AND DISC 16" x 4.00E	8	207503	10	HUB BOLT
3	207495	2	HUB	9	#1611	2	1/8" ALEMITE FITTING

REAR WHEEL (GROUP 280019)

1	U-2678	2	WHEEL 40" x 6"	4	900980	80	5/8" Rib LOCKWASHER
2	U-2071	40	SPADE LUG	5	204971	1	5/8" WRENCH
3	900046	80	5/8" x 1-1/2" MACHINE BOLT				

SKELETON REAR WHEEL (GROUP 280023)

1	U-2766	2	WHEELS - COMPLETE	4	U-3310	36	SPACER
2	U-3446	36	LUG	5	904369	36	3/4" LOCKWASHER
3	900079	36	3/4" x 3" MACHINE BOLT	6	204971	1	5/8" x 3/8" WRENCH

REAR WHEEL (GROUP 280021)

1	U-2069	2	REAR WHEEL 24" x 8" RIM	4	U-1998	4	HOOK BOLT - WASHER AND NUT
2	U-3594	2	REAR WHEEL INNER WEIGHT	5	U-2950	4	STRAIGHT BOLT - WASHER AND NUT
3	U-3592	2	REAR WHEEL OUTER WEIGHT	-	U-2299	1	TIRE PUMP

REAR WHEEL (SEE PLATE 6)

-	204175	2	REAR WHEEL FOR 57-1/8" - 83-3/8" TREAD				
---	--------	---	--	--	--	--	--

REAR WHEEL (SEE PLATE 7)

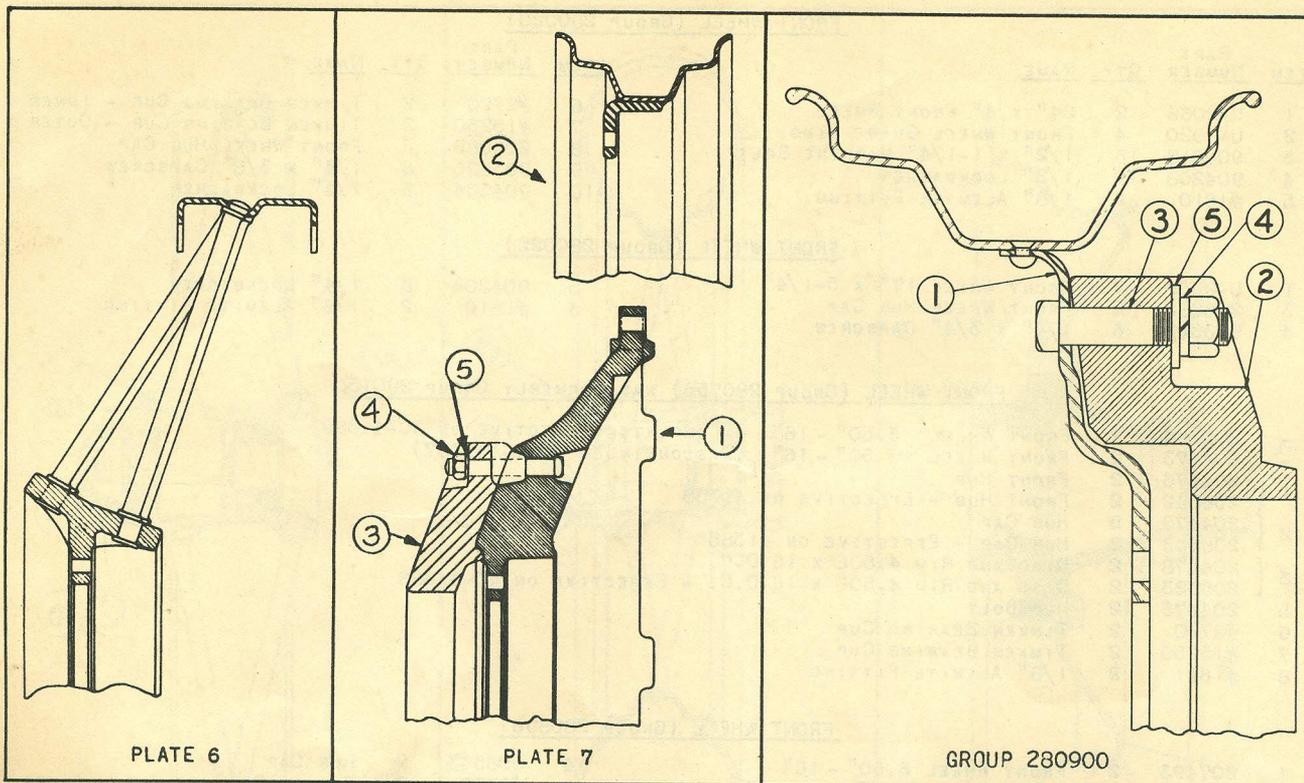
1	U-4010	2	REAR WHEEL	3	U-3998	2	WHEEL WEIGHT
2	204070	2	6" x 36" RIM	4	900055	6	5/8" x 5" MACHINE BOLT
-	900049	16	5/8" x 2-1/2" MACHINE BOLT	5	904209	6	5/8" LOCKWASHER
-	900370	16	5/8" HEX NUT	-	206052	2	3-1/2" OFFSET SPACER
-	904209	24	5/8" LOCKWASHER				

REAR DISC WHEEL (GROUP 280900)

1	207509	2	REAR DISC WHEEL	3	207507	4	STRAIGHT BOLTS COMPLETE
-	207508	10	SPACER				INCLUDES ITEMS 4 AND 5
2	U-3594	2	REAR WHEEL WEIGHT	4	904369	4	3/4" LOCKWASHER
				5	900820	4	3/4" CUT WASHER

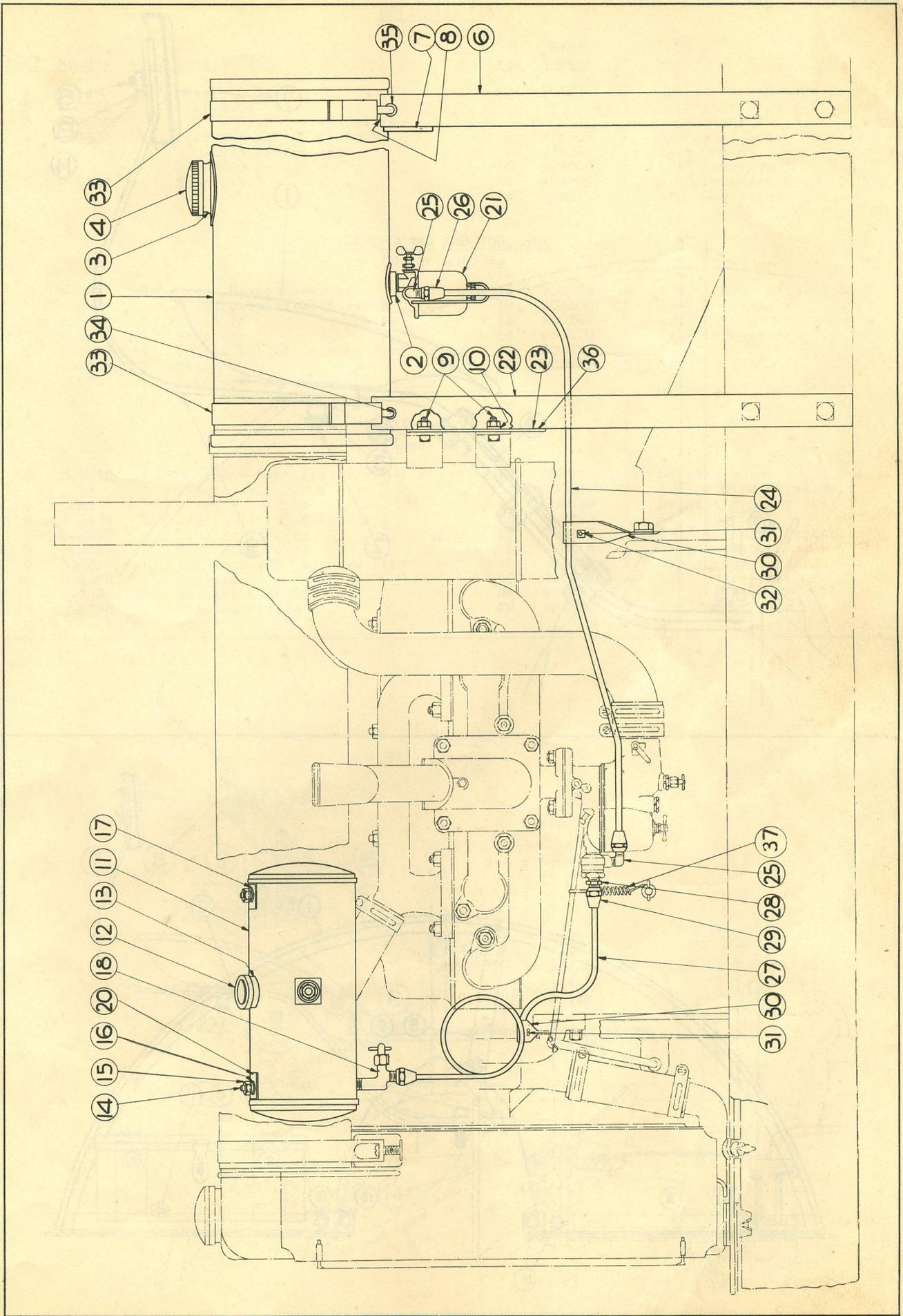
REAR CAST WHEEL (NOT ILLUSTRATED)

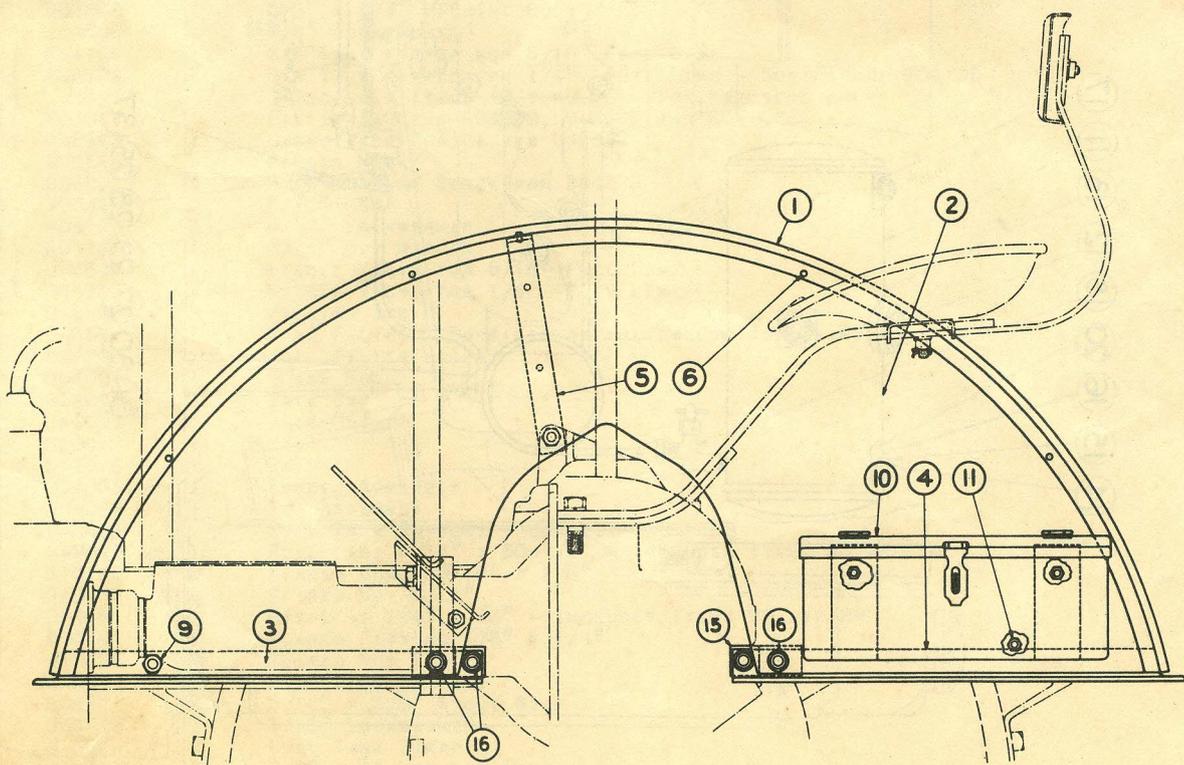
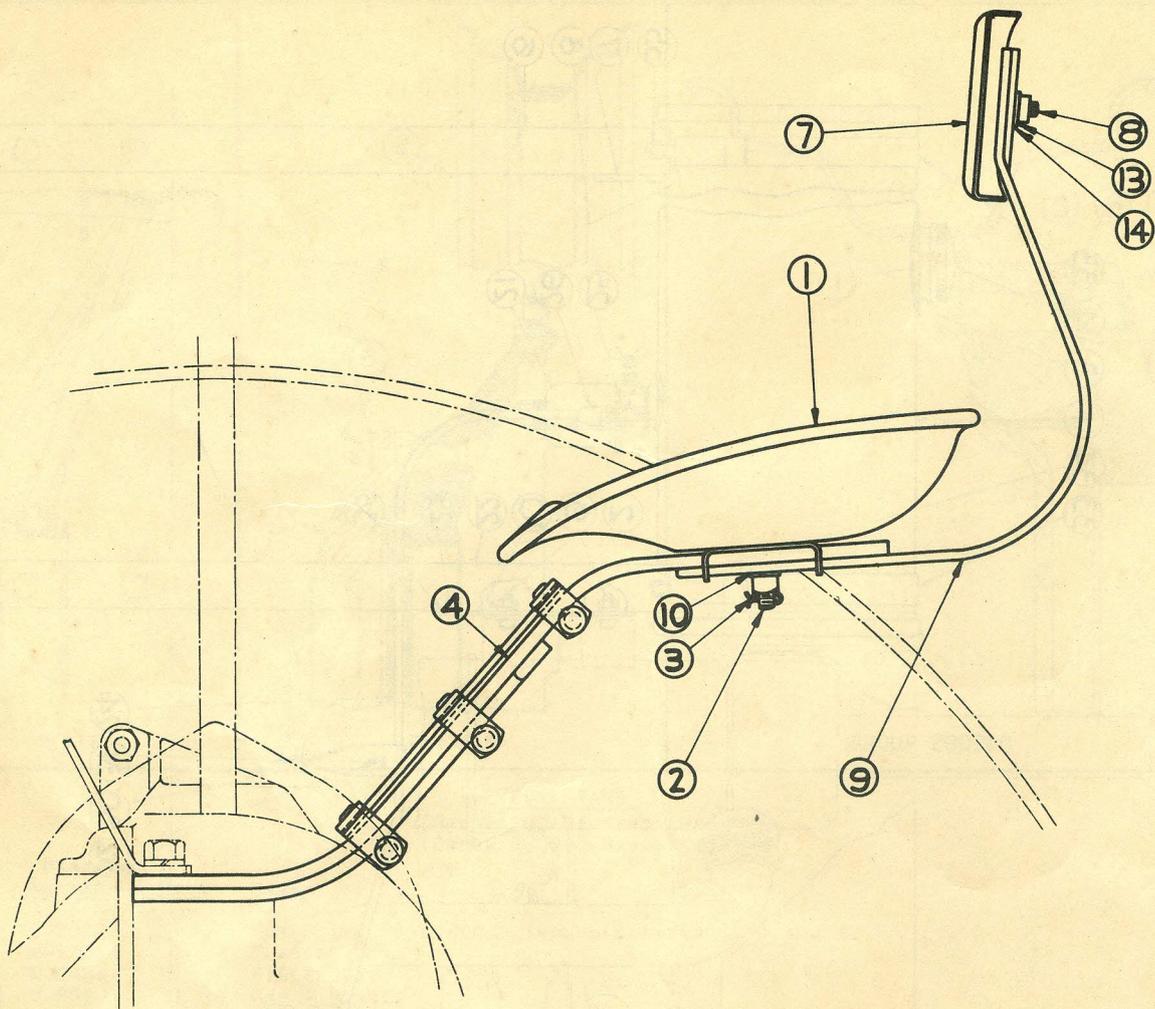
U-3997	2	REAR WHEELS FOR 9.00"-16" TIRE	904209	16	5/8" LOCKWASHER
900049	16	5/8" x 2-1/2" MACHINE BOLT	U-3996	2	RJM WITH LUG



FUEL TANK
(GROUP 280134 KEROSENE)
(GROUP 280945 GASOLINE)

ITEM	PART NUMBER	QTY.	NAME
1	U-2096	1	FUEL TANK COMPLETE - INCLUDES ITEMS 2, 3 AND 4
2	U-203	1	FLANGE
3	206621	1	FILLER NECK
4	U-204	1	CAP - HINGED
	U-1487	1	GASKET FOR U-204
	206622	1	CAP WITH GASKET
6	205267	1	TANK SUPPORT
8	U-272	2	PACKING STRIP
9	903258	4	3/8" x 3/4" MACHINE BOLT
10	904206	4	3/8" LOCKWASHER
11	204105	1	GAS TANK FITTED FOR 5/16" FUEL LINE
	204828	1	GAS TANK FITTED FOR 1/4" FUEL LINE - SUPERSEDES 204105 INCLUDES ITEMS 12 THRU 20 - FOR KEROSENE ONLY
12	204827	1	FILLER CAP FOR 204828, U-2669 AND 204105
	U-2963	1	GASKET FOR 204105 AND U-2669
13	206584	1	FILLER NECK
14	204803	3	5/16" x 5/8" SCREW FOR 204828
15	900366	3	5/16" NUT
16	904205	3	5/16" LOCKWASHER
17	901165	3	5/16" CUT WASHER
18	U-3647	1	NEEDLE VALVE FOR 5/16" FUEL LINE
	204815	1	NEEDLE VALVE FOR 1/4" FUEL LINE
20	U-2670	3	PACKING STRIP
21	U-257	1	FUEL FILTER - CONSISTS OF THE FOLLOWING 8 PARTS
	854003	1	FUEL FILTER GASKET
	854004	1	GLASS BOWL
	854005	1	BAIL CUP
	854007	1	BAIL NUT
	854012	1	VALVE
	854016	1	BAIL
	854053	1	SCREEN ASSEMBLY
	854072	1	TOP ASSEMBLY
	22	U-2666	1
24	U-2675	1	FUEL LINE 5/16" x 30-1/2" - INCLUDES ITEMS 25 AND 26
25	910140	2	FLARED ELBOW 5/16" x 1/8"
26	910139	2	FLARED NUT 5/16"
27	204822	1	GAS LINE 1/4" x 26" - INCLUDES ITEMS 28 AND 29
28	910141	1	FLARED FITTING 1/8" x 1/4"
29	910138	2	FLARED NUT 1/4"
30	U-2677	2	FUEL LINE SUPPORT
31	906571	2	3/16" x 3/8" STOVE BOLT
32	904203	2	3/16" LOCKWASHER
33	U-232	2	FUEL TANK STRAP
34	910154	2	3/8" x 2" MACHINE BOLT
35	910155	2	3/8" x 1-1/2" MACHINE BOLT
37	U-3208	1	SPRING





DRIVER'S SEAT
(GROUP 280027)

ITEM	PART NUMBER	QTY.	NAME	ITEM	PART NUMBER	QTY.	NAME
1	U-145	1	DRIVER'S SEAT	-	204229	1	CUSHION FOR SADDLE SEAT (STANDARD ON AIR TIRED TRACTORS ONLY)
2	U-2755	1	SEAT BOLT	8	906568	1	3/8" x 1" STOVE BOLT
3	900805	1	1/8" x 3/4" SPRING COTTER	9	U-2744	1	BACK SPRING
4	205835	1	SEAT SPRING - SUPERSEDES U-2273 SPRING AND U-2280 BRACE	10	904208	1	1/2" LOCKWASHER
7	U-2743	1	SEAT BACK	13	904206	1	3/8" LOCKWASHER
				14	900817	1	3/8" CUT WASHER

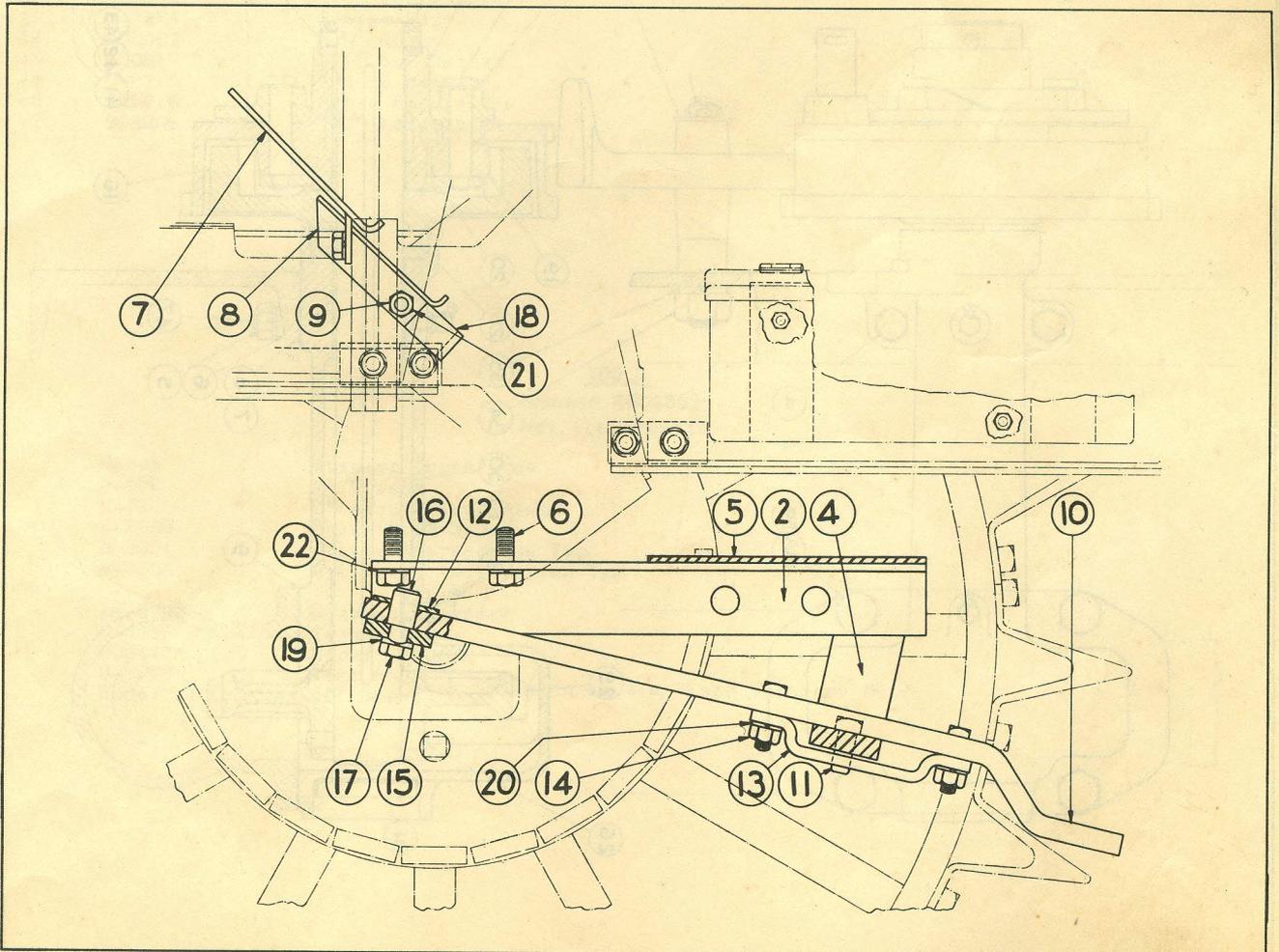
WHEEL GUARD AND TOOL BOX
(GROUP 280029)

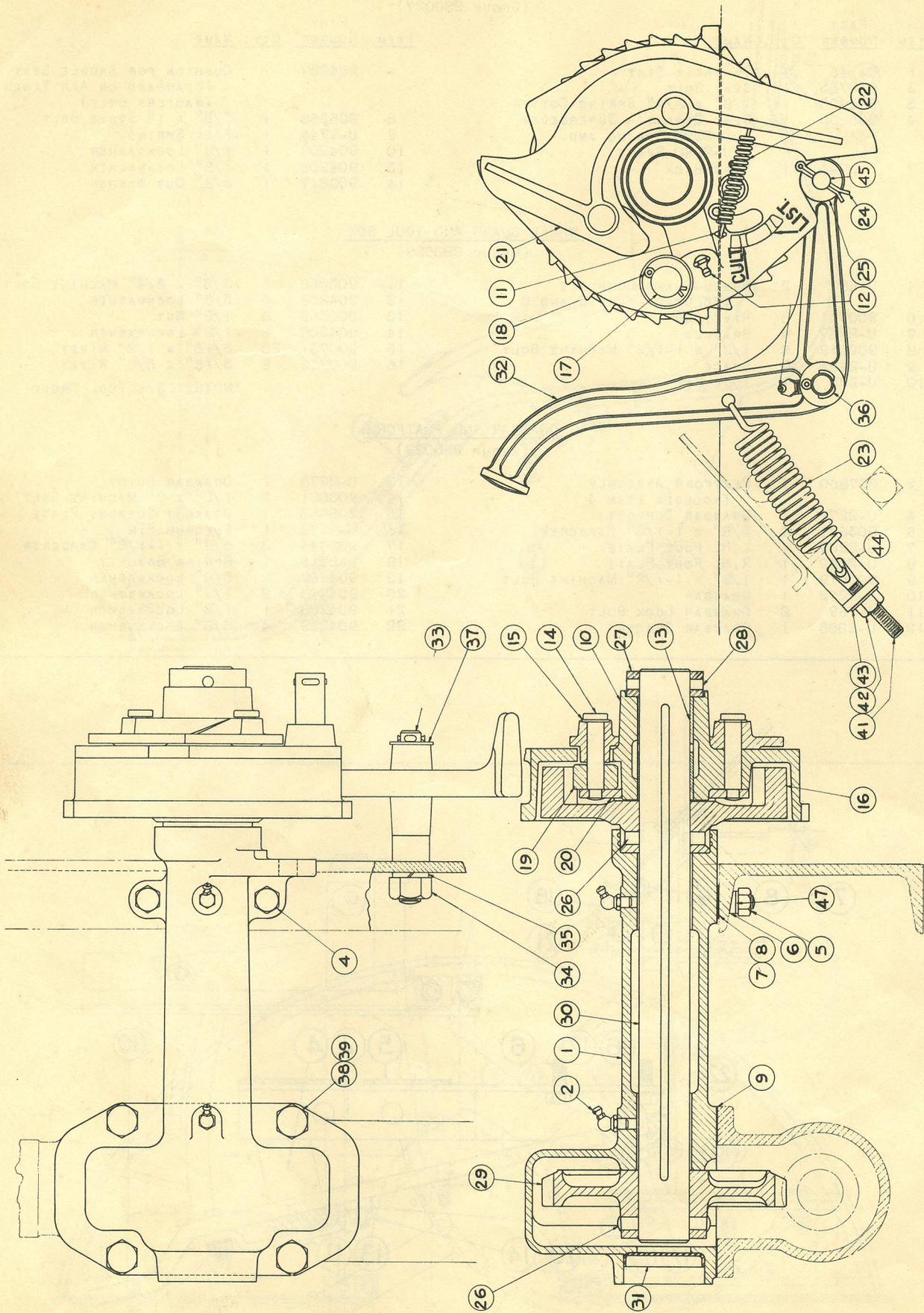
1	U-689	2	WHEEL GUARD COMPLETE INCLUDES ITEMS 6 AND 8	11	903258	3	3/8" x 3/4" MACHINE BOLT
6	900761	8	RIVET 3#	12	904206	3	3/8" LOCKWASHER
7	U-2287	4	BRACKET	13	900369	8	1/2" NUT
8	900019	8	1/2" x 1-1/2" MACHINE BOLT	14	904208	8	1/2" LOCKWASHER
9	U-2453	2	BRACE	15	900731	20	3/16" x 1/2" RIVET
10	U-828	1	TOOL BOX	16	900732	8	3/16" x 5/8" RIVET

NOTE: SEE TOOL GROUP

DRAWBAR AND PLATFORM
(GROUP 280026)

2	207860	1	PLATFORM ASSEMBLY INCLUDES ITEM 4	13	U-2278	1	DRAWBAR GUIDE
4	U-2271	1	DRAWBAR SUPPORT	14	900021	2	1/2" x 2" MACHINE BOLT
6	903644	4	5/8" x 1-1/2" CAPSCREW	15	206863	1	DRAWBAR SUPPORT PLATE
7	U-2267	1	L.H. FOOT PLATE	16	U-2279	1	FULCRUM PIN
8	U-2269	1	R.H. FOOT PLATE	17	903644	2	5/8" x 1-1/2" CAPSCREW
9	900019	1	1/2" x 1-1/2" MACHINE BOLT	18	U-2715	1	SPRING BRACKET
10	U-2272	1	DRAWBAR	19	904209	2	5/8" LOCKWASHER
11	U-769	2	DRAWBAR LOCK BOLT	20	904208	2	1/2" LOCKWASHER
12	U-2888	1	DRAWBAR SPACER	21	904208	1	1/2" LOCKWASHER
				22	904209	4	5/8" LOCKWASHER





LIGHT POWER LIFT
(GROUP 280057)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	U-2233	1	HOUSING
2	#1744	2	1/4" ALEMITE FITTING
4	035068	2	1/2" x 2-1/4" BOLT
5	910195	2	1/2" NUT
6	U-3226	2	1/2" WASHER
7	U-2223	3	SHIM .015"
8	U-2224	3	SHIM .005"
9	U-2220	1	GASKET
10	U-3291	1	CAM
11	904005	1	3/16" x 3/4" SPRING COTTER
12	#1610	1	1/8" ALEMITE FITTING
13	U-3816	1	CAM BUSHING
14	U-1276	2	TRIP PIN
15	E-2565	2	WASHER
16	204936	1	RATCHET
17	U-1157	2	CAM PIN
18	900811	1	3/16" x 1-1/2" SPRING COTTER
19	U-705	1	TRIP ROLLER
20	U-706	1	ROLLER ARM
21	U-1762	1	TRIP
22	U-707	1	TRIP SPRING
23	U-3861	1	LEVER SPRING
24	900811	1	3/16" x 1-1/2" SPRING COTTER
25	205917	1	PEDAL ROLLER
26	U-2227	2	SHAFT PIN
27	U-2226	1	SHAFT COLLAR
28	910172	1	5/16" x 2-1/4" GROOVE PIN
29	204962	1	WORM GEAR
30	U-2711	1	SHAFT
31	U-3873	1	CORE HOLE PLUG
32	U-2716	1	POWER LIFT PEDAL
33	U-3737	1	STUD
34	900370	1	5/8" NUT
35	904209	1	5/8" LOCKWASHER
36	900938	1	3/16" x 1" SPRING COTTER
37	U-310	1	WASHER
38	903638	4	1/2" x 1-1/4" HEX CAPSCREW
39	904208	4	1/2" LOCKWASHER
41	U-3874	1	SPRING BOLT
42	900367	1	3/8" NUT
43	900817	1	3/8" CUT WASHER
44	U-2715	1	SPRING BRACKET
45	205916	1	PEDAL ROLLER PIN
47	904208	2	1/2" LOCKWASHER

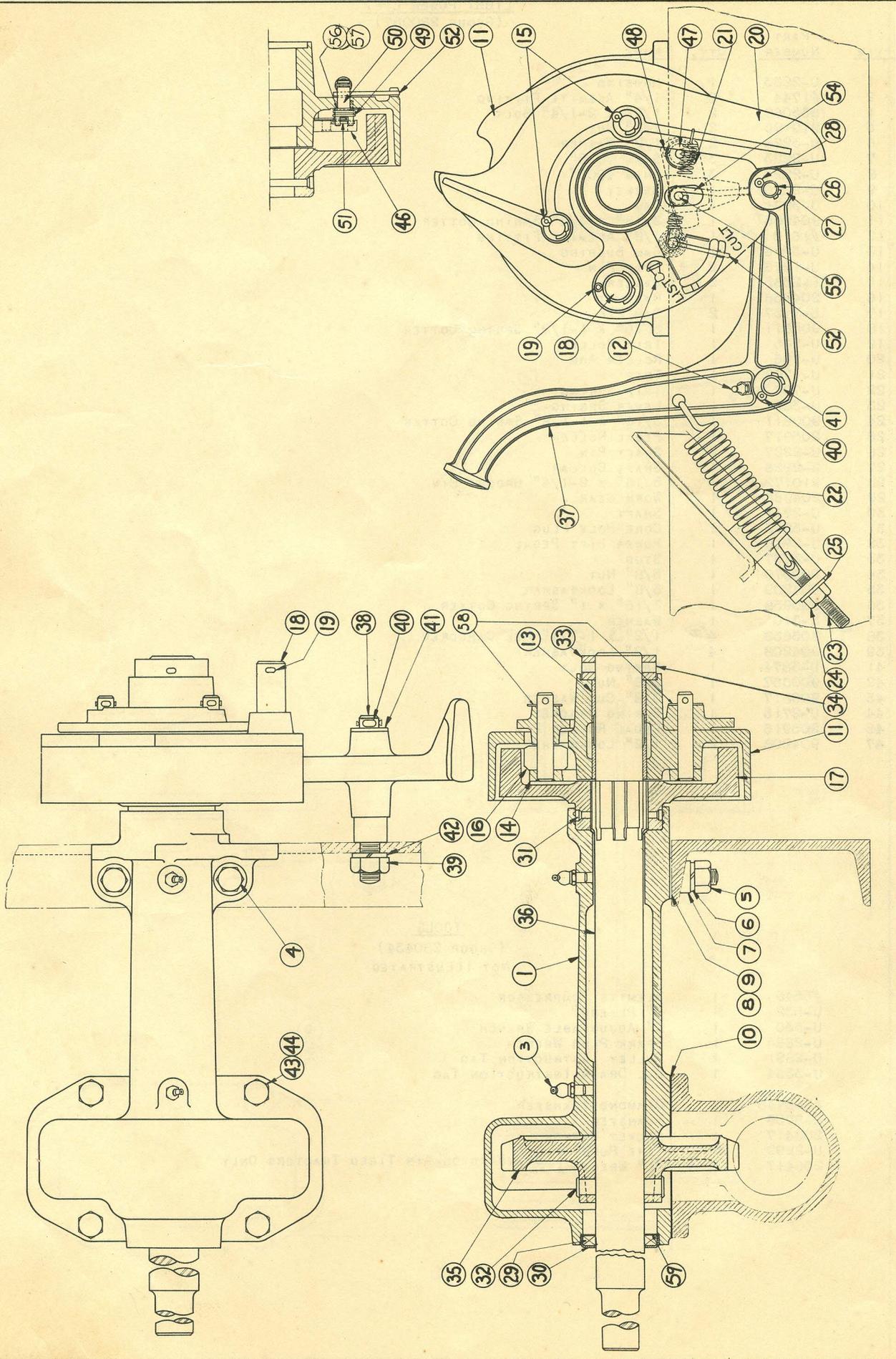
TOOLS

(GROUP 280434)

NOT ILLUSTRATED

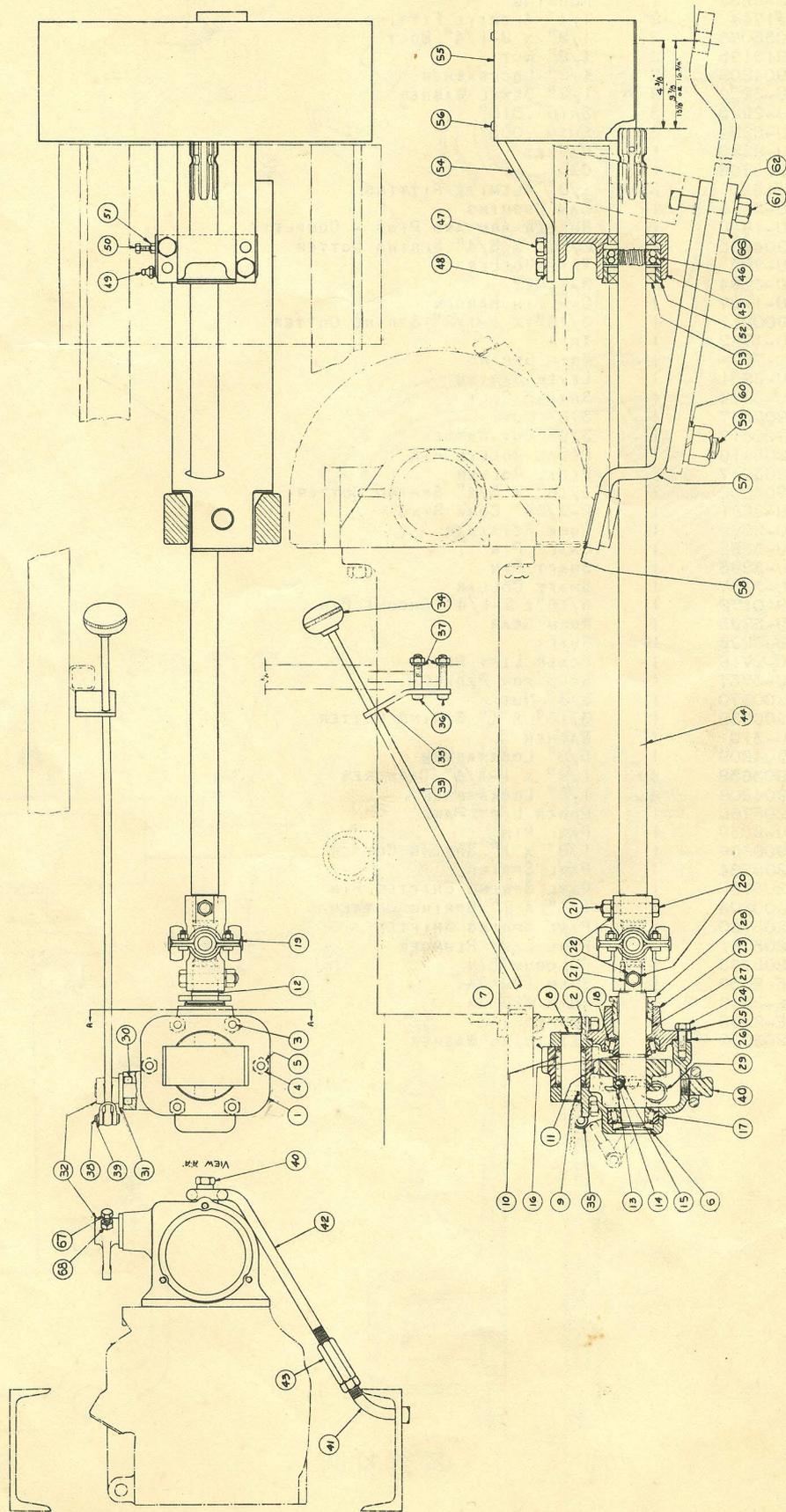
#5545	1	ALEMITE COMPRESSOR
U-532	1	7" PLIERS
U-530	1	9" ADJUSTABLE WRENCH
U-2885	1	SPARK PLUG WRENCH
U-2891	1	PULLEY INSTRUCTION TAG
U-3354	1	OIL DRAIN INSTRUCTION TAG
AM-8748	1	DIAMOND TRANSFER
U-2756	1	TRANSFER
206417	1	SOCKET WRENCH
U-2299	1	TIRE PUMP
206417	1	"L" WRENCH

} STANDARD ON AIR TIERED TRACTORS ONLY



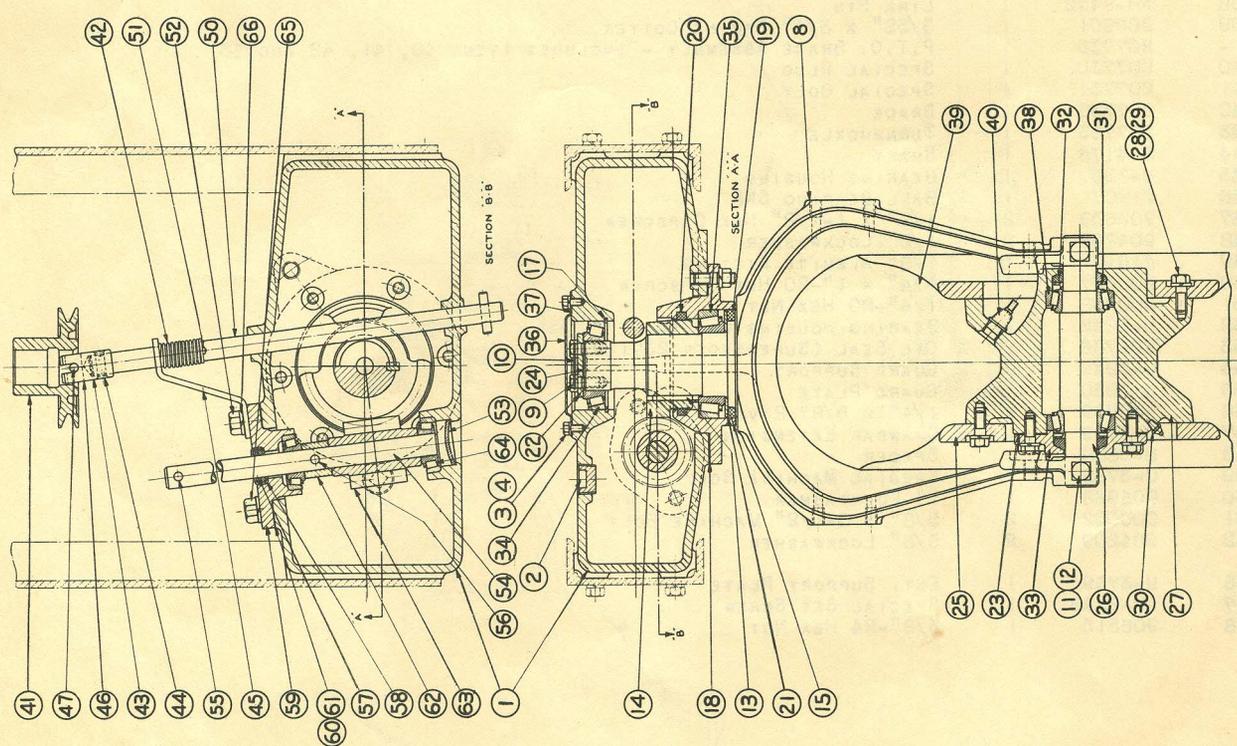
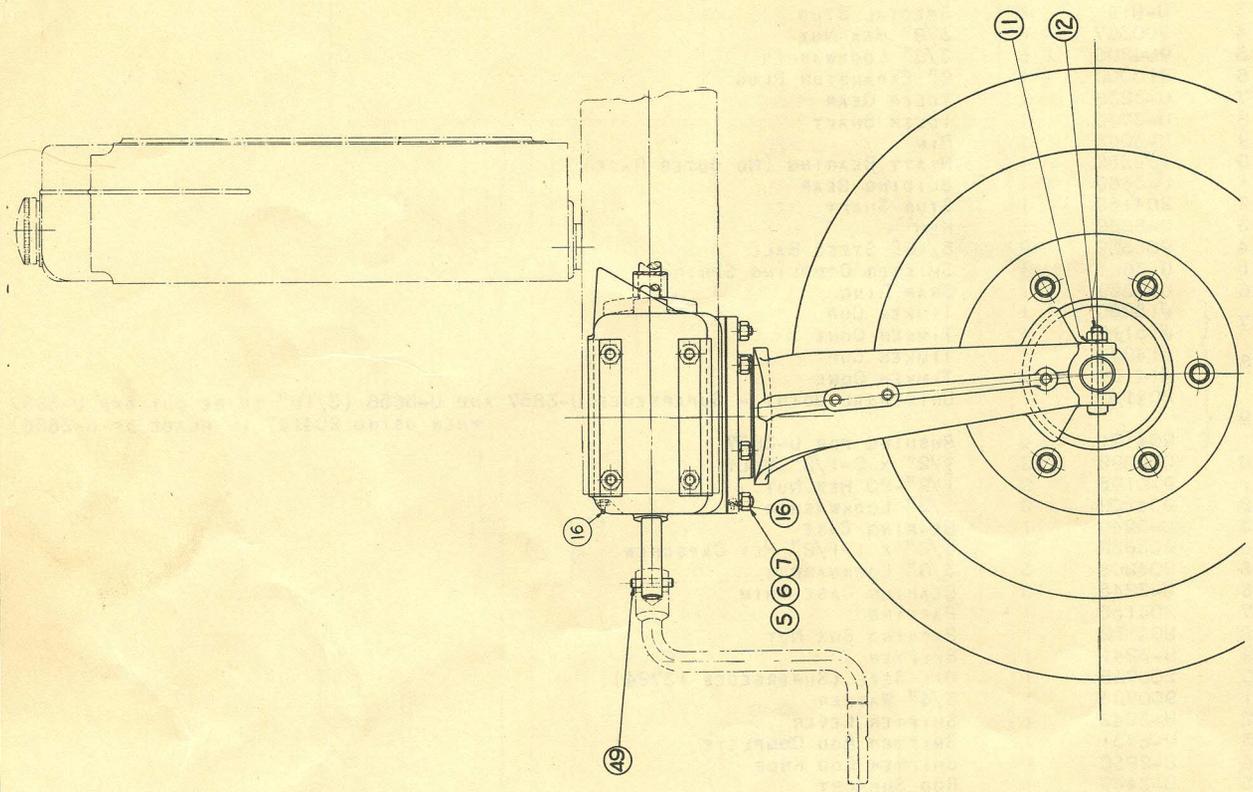
HEAVY DUTY POWER LIFT
(Group 280058)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	U-2233	1	HOUSING
3	#1744	2	1/4" ALEMITE FITTING
4	035068	2	1/2" x 2-1/4" BOLT
5	910195	2	1/2" NUT
6	904208	2	1/2" LOCKWASHER
7	U-3226	2	1/2" BEVEL WASHER
8	U-2223	3	SHIM .015"
9	U-2224	3	SHIM .005"
10	U-2220	1	GASKET
11	205766	1	CAM
12	#1610	2	1/8" ALEMITE FITTING
13	U-3296	1	CAM BUSHING
14	U-1840	1	ROLLER ARM AND PINS - COMPLETE
15	904005	2	3/16" x 3/4" SPRING COTTER
16	U-705	1	TRIP ROLLER
17	U-3294	1	RATCHET
18	U-1157	1	CAM PIN HARDEN
19	900811	1	3/16" x 1-1/2" SPRING COTTER
20	U-1762	1	TRIP
21	U-707	1	TRIP SPRING
22	U-3861	1	LEVER SPRING
23	U-3874	1	SPRING BOLT
24	900367	1	3/8" NUT
25	900817	1	3/8" CUT WASHER
26	205916	1	PEDAL ROLLER PIN
27	205917	1	PEDAL ROLLER
28	904005	1	3/16" x 3/4" SPRING COTTER
29	U-2291	1	2-9/32" CORK RING
30	U-2292	1	CORK RETAINER
31	U-3358	1	SHAFT PIN
32	U-3293	1	SHAFT PIN
33	U-3357	1	SHAFT COLLAR
34	910172	1	5/16" x 2-1/4" GROOVE PIN
35	U-3295	1	WORM GEAR
36	U-3292	1	SHAFT
37	U-2716	1	POWER LIFT PEDAL
38	U-3737	1	STUD FOR PEDAL
39	900370	1	5/8" NUT
40	900938	1	3/16" x 1" SPRING COTTER
41	U-310	1	WASHER
42	904209	1	5/8" LOCKWASHER
43	903638	4	1/2" x 1-1/4" CAPSCREW
44	904208	4	1/2" LOCKWASHER
46	205762	1	POWER LIFT PAWL
47	U-2059	1	PAWL PIN
48	900806	1	1/8" x 1" SPRING COTTER
49	205764	1	PAWL SPRING
50	205765	1	PAWL SPRING SHIFTER PIN
51	900806	1	1/8" x 1" SPRING COTTER
52	205760	1	PAWL SPRING SHIFTER
54	205761	1	PAWL LIFT PLUNGER
55	205763	1	FULCRUM PIN
56	E-2359	1	SHIM #22 GA.
57	E-2369	1	SHIM #28 GA.
58	E-2565	1	WASHER
59	208032	1	RETAINING WASHER



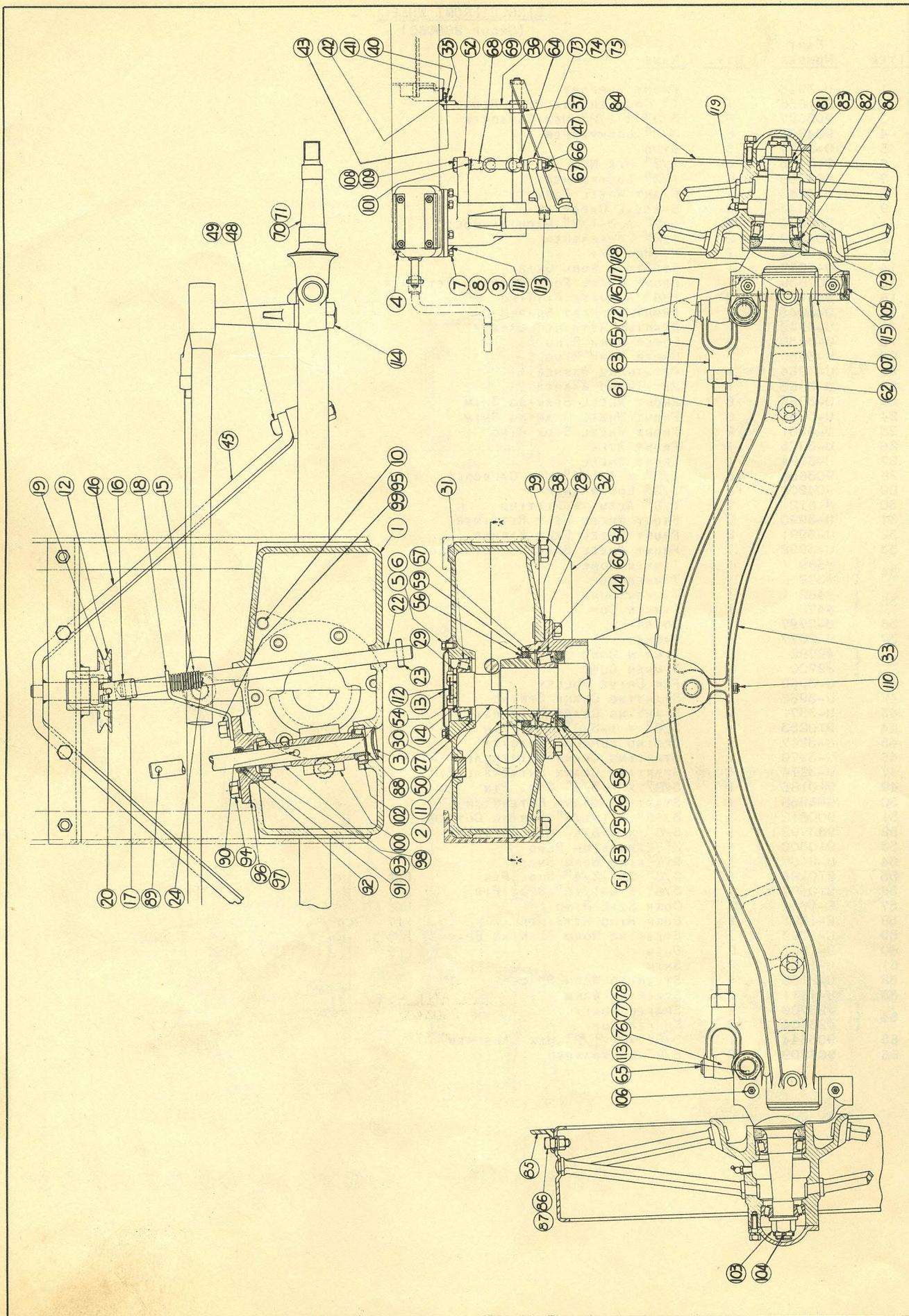
POWER TAKE-OFF
(GROUP 280059)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	U-3233	1	HOUSING
2	U-3234	1	HOUSING GASKET
3	U-814	6	SPECIAL STUD
4	900367	6	3/8" HEX NUT
5	904206	6	3/8" LOCKWASHER
6	910000	1	2" EXPANSION PLUG
7	U-3236	1	IDLER GEAR
8	U-3730	1	IDLER SHAFT
9	U-3065	1	PIN
10	#94532	1	HYATT BEARING (NO OUTER RACE)
11	U-3660	1	SLIDING GEAR
12	204150	1	STUB SHAFT
13	U-3669	1	KEY
14	905359	2	5/16" STEEL BALL
15	U-3661	1	SHIFTER COUPLING SPRING
16	U-2329	1	SNAP RING
17	#15250	1	TIMKEN CUP
	#15118	1	TIMKEN CONE
18	#14274	1	TIMKEN CUP
	#14137	1	TIMKEN CONE
19	204147	1	UNIVERSAL JOINT - SUPERSEDES U-3857 AND U-3656 (3/16" TO BE CUT OFF U-3657 WHEN USING 204147 IN PLACE OF U-3656)
	204171	4	BUSHING FOR U-3857
20	035892	2	1/2" x 2-1/2" BOLT
21	910195	2	1/2"-20 HEX NUT
22	904208	2	1/2" LOCKWASHER
23	U-3240	1	BEARING CASE
24	903632	3	3/8" x 1-1/2" HEX CAPSCREW
25	904206	3	3/8" LOCKWASHER
26	U-3245	10	BEARING CASE SHIM
27	204153	1	PACKING
28	204152	1	PACKING BOX NUT
29	U-3241	1	SHIFTER
30	206785	1	OIL SEAL (SUPERSEDES 13724)
31	900704	1	3/4" WASHER
32	U-3242	1	SHIFTER LEVER
33	U-3731	1	SHIFTER ROD COMPLETE
34	U-2862	1	SHIFTER ROD KNOB
35	U-3449	1	ROD SUPPORT
36	906444	2	5/16" x 2" MACHINE BOLT
37	904205	2	5/16" LOCKWASHER
38	AM-9472	1	LINK PIN
39	900801	1	3/32" x 3/4" SPRING COTTER
-	207735	1	P.T.O. BRACE ASSEMBLY - INCLUDES ITEMS 40, 41, 42 AND 43
40	207730	1	SPECIAL PLUG
41	207731	1	SPECIAL BOLT
42	207732	1	BRACE
43	207733	1	TURNBUCKLE
44	204176	1	SHAFT
45	U-3251	1	BEARING HOUSING
46	#1207	1	BALL BEARING SKF
47	903639	2	1/2" x 1-1/2" HEX CAPSCREW
48	904208	2	1/2" LOCKWASHER
49	#1610	1	1/8" ALEMITE FITTING
50	905657	1	1/4" x 1"-20 HEX CAPSCREW
51	900908	1	1/4"-20 HEX NUT
52	U-3252	1	BEARING HOUSING COLLAR
53	206786	2	OIL SEAL (SUPERSEDES 237112)
54	U-3249	2	GUARD SUPPORT
55	U-3250	1	GUARD PLATE
56	900739	4	1/4" x 5/8" RIVET
57	U-3739	1	DRAWBAR EXTENSION
58	U-2888	1	SPACER
59	U-3768	1	SPECIAL MACHINE BOLT
60	906968	1	1" LOCKWASHER
61	900052	2	5/8" x 3-1/2" MACHINE BOLT
62	904209	2	5/8" LOCKWASHER
66	U-3769	1	EXT. SUPPORT PLATE
67	AM-9248	1	SPECIAL SET SCREW
68	906515	1	3/8"-24 HEX NUT



SINGLE FRONT WHEEL
(GROUP 280060)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	U-3946	1	FRONT SUPPORT
2	901666	1	1" COUNTERSUNK PIPE PLUG
3	903627	6	3/8" x 1/2" HEX CAPSCREW
4	904206	6	3/8" LOCKWASHER
5	U-3779	6	STUD
6	910195	6	1/2" HEX NUT
7	904208	6	1/2" LOCKWASHER
8	U-3943	1	FRONT WHEEL FORK
9	U-3944	2	SPECIAL CAPSCREW
11	900025	2	1/2" x 3-1/2" MACHINE BOLT
12	904208	2	1/2" LOCKWASHER
13	910254	1	HY-PRO KEY
14	U-3947	1	STEERING WORM GEAR
15	207859	1	FRONT WHEEL FORK BEARING RETAINER
16	#1610	2	1/8" ALEMITE FITTING
17	U-3945	1	FRONT SUPPORT SNAP RING
18	U-3949	1	BEARING RETAINER GASKET
19	U-3958	1	LOWER CORK RING
20	U-3959	1	UPPER CORK RING
21	U-3964	1	RETAINING WASHER
22	U-3965	1	RETAINING WASHER
23	U-3962	6	FRONT WHEEL BEARING SHIM
24	U-3963	6	FRONT WHEEL BEARING SHIM
25	U-3961	2	FRONT WHEEL SIDE RING
26	U-3975	1	FRONT AXLE
27	U-3994	1	FRONT WHEEL
28	903638	16	1/2" x 1-1/4" HEX CAPSCREW
29	904208	16	1/2" LOCKWASHER
30	#1612	1	1/8" ALEMITE FITTING
31	U-3990	2	FRONT WHEEL FELT RETAINER
32	U-3991	2	FRONT WHEEL FELT WASHER
33	U-3992	1	FRONT WHEEL BEARING RETAINER
34	{ #389	1	TIMKEN CONE
	{ #382	1	TIMKEN CUP
	{ #482	1	TIMKEN CONE
35	{ #472	1	TIMKEN CUP
36	U-2797	1	COVER
37	U-2077	1	GASKET
38	{ #2788	2	TIMKEN CONE
	{ #2720	2	TIMKEN CUP
41	U-3960	1	FAN DRIVE PULLEY
42	U-3966	1	STARTING CRANK SPRING
43	U-3971	1	STARTING CRANK UNIVERSAL
44	910253	1	3/8" x 1-3/8" STR. PIN
45	U-3967	1	SPRING SUPPORT BRACKET
46	U-3970	1	STARTING CRANK UNIVERSAL CENTER
47	U-3974	1	STARTING CRANK UNIVERSAL PIN
49	910186	1	3/8" x 1-3/4" STR. PIN
50	U-3968	1	STARTING CRANK EXTENSION
51	900810	1	3/16" x 1-1/4" SPRING COTTER
52	903792	1	5/8" x 1-3/4" HEX CAPSCREW
53	910000	1	2" EXPANSION PLUG
54	U-2107	1	STEERING WORM SHAFT
55	910186	1	3/8" x 1-3/4" STR. PIN
56	910187	1	3/8" x 2-1/16" STR. PIN
57	E-1694	2	CORK SEAL RING
58	E-1695	2	CORK RING RETAINER
59	U-1063	1	STEERING WORM BEARING BRACKET
60	U-1061	2	SHIM
61	U-1062	2	SHIM
62	U-2109	1	STEERING WORM SPACER
63	U-1111	1	STEERING WORM
64	{ #23700	2	SHAFFER CONE
	{ #23704	2	SHAFFER CUP
65	903644	1	5/8" x 1-1/2" HEX CAPSCREW
66	904209	2	5/8" LOCKWASHER



WIDE FRONT AXLE - STEEL

(GROUP 280061)

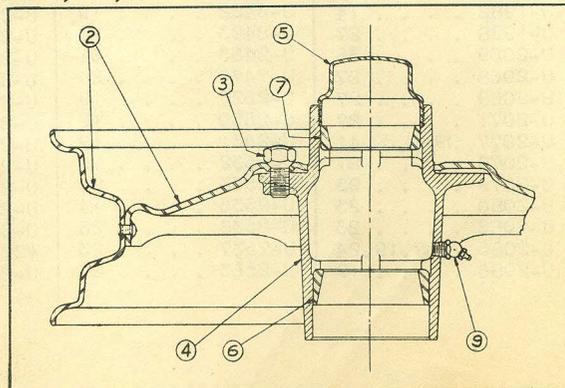
ITEM	PART NUMBER	QTY.	NAME	ITEM	PART NUMBER	QTY.	NAME
1	U-3946	1	FRONT SUPPORT	65	U-68-A	1	TIE ROD FORK PIN
2	901666	1	1" COUNTERSUNK PIPE PLUG	66	904323	1	5/8" HEX NUT
3	910000	1	2" EXPANSION PLUG	67	900808	1	1/8" x 1-1/2" SPRING COTTER
4	#1610	1	1/8" ALEMITE FITTING	68	204160	1	DRAG LINK BOOT
5	903627	6	3/8" x 1/2" HEX CAPSCREW	70	206751	2	FRONT WHEEL SPINDLE ASSY. INCLUDES ITEM 72
6	904206	6	3/8" LOCKWASHER	72	U-48	4	BUSHING
7	U-3779	6	SPECIAL STUD	73	206752	1	L.H. SPINDLE ARM ASSEMBLY INCLUDES ITEM 75
8	910195	6	1/2" HEX NUT	75	U-67	1	BUSHING
9	904208	6	1/2" LOCKWASHER	76	206753	1	R.H. SPINDLE ARM ASSEMBLY INCLUDES ITEM 78
10	901653	1	3/8" SOLID PIPE PLUG	78	U-67	1	BUSHING
11	U-3947	1	STEERING WORM GEAR	79	U-50	2	FELT RING
12	U-3960	1	FAN DRIVE PULLEY	80	205430	2	RETAINING RING
13	U-2797	1	FRONT SUPPORT COVER	81	U-103	2	SPINDLE WASHER
14	U-3963	6	STEERING SPINDLE SHAFT SHIM	82	#342	2	TIMKEN CONE
15	U-3966	1	STARTING CRANK SPRING	82	#3320	2	TIMKEN CUP
16	U-3971	1	STARTING CRANK UNIVERSAL	83	#14131	2	TIMKEN CONE
17	910253	1	3/8" x 1-3/8" STR. PIN	83	#14274	2	TIMKEN CUP
18	U-3967	1	CRANK SPRING BRACKET	84	U-334	2	FRONT WHEEL
19	U-3970	1	CRANK UNIVERSAL CENTER	85	U-53	4	FRONT WHEEL GUIDE RING
20	U-3974	1	UNIVERSAL CENTER PIN	86	900018	16	1/2" x 1-1/4" MACHINE BOLT
22	U-3968	1	STARTING CRANK EXTENSION	87	904208	16	1/2" LOCKWASHER
23	910186	1	3/8" x 1-3/4" STR. PIN	88	U-2107	1	STEERING WORM SHAFT
24	900810	1	3/16" x 1-1/4" SPRING COTTER	89	910186	1	3/8" x 1-3/4" STR. PIN
25	U-3964	1	SPINDLE SHAFT CORK WASHER	90	910187	1	3/8" x 2-1/16" STR. PIN
26	U-3958	1	SPINDLE SHAFT CORK RING	91	E-1694	2	CORK SEAL RING
27	U-3945	1	FRONT SUPPORT SNAP RING	92	E-1695	2	CORK RING RETAINER
28	U-3949	1	FRONT AXLE SUPPORT GASKET	93	U-1063	1	STEERING WORM BRG. BRACKET
29	U-3965	1	SPINDLE SHAFT WASHER	94	903644	1	5/8" x 1-1/2" HEX CAPSCREW
30	U-2077	1	FRONT SUPPORT COVER GASKET	95	904209	2	5/8" LOCKWASHER
31	#382	1	TIMKEN CUP	96	U-1061	2	SHIM
	#389	1	TIMKEN CONE	97	U-1062	2	SHIM
32	#472	1	TIMKEN CUP	98	U-2109	1	STEERING WORM SPACER
	#482	1	TIMKEN CONE	99	903792	1	5/8" x 1-3/4" HEX CAPSCREW
33	204166	1	FRONT AXLE	100	U-1111	1	STEERING WORM
34	204164	1	ENGINE SUPPORT ASSEMBLY	101	204728	1	STEERING BALL PIN
38	903638	2	1/2" x 1-1/4" HEX CAPSCREW	102	#23700	2	SHAFFER CONE
39	904208	2	1/2" LOCKWASHER	102	#23704	2	SHAFFER CUP
40	U-3227	2	SPECIAL BOLT	103	904325	2	1" HEX NUT
41	904208	2	1/2" LOCKWASHER	104	900809	2	1/8" x 1-3/4" SPRING COTTER
42	902273	2	1/2" HEX NUT	105	910006	4	1-1/4" EXPANSION PLUG
43	900802	2	3/32" x 1" SPRING COTTER	106	#1610	4	1/8" ALEMITE FITTING
44	204162	1	FRONT AXLE SUPPORT	107	U-49	2	SPINDLE PIN WASHER
45	204163	1	RADIUS ROD ASSEMBLY	108	900809	1	1/8" x 1-3/4" SPRING COTTER
48	900052	2	5/8" x 3-1/2" MACHINE BOLT	109	E-425	1	SPECIAL HEX NUT
49	904209	2	5/8" LOCKWASHER	110	204541	1	SPECIAL SET SCREW
50	204165	1	STEERING SPINDLE SHAFT ASSEMBLY	111	#1610	1	1/8" ALEMITE FITTING
53	910254	1	HY-PRO KEY	113	905128	2	#17 WOODRUFF KEY
54	U-3944	2	SPECIAL CAPSCREW	114	906910	2	1" HEX NUT
55	204161	1	DRAG LINK	115	U-46	2	SPINDLE PIN
56	204167	1	CORK RETAINER - UPPER	116	U-47	2	SPINDLE PIN LOCK STUD
57	204168	1	CORK RETAINER - LOWER	117	900367	2	3/8" HEX NUT
58	204156	1	CORK RETAINER	118	904206	2	3/8" LOCKWASHER
59	204155	1	STEERING GEAR CORK RING	119	#1611	2	1/8" ALEMITE FITTING
60	204159	1	SNAP RING				
61	204158	1	TIE ROD				
62	910365	2	7/8" HEX NUT				
63	U-403	2	TIE ROD FORK				
64	U-1881	1	TIE ROD FORK PIN				

WIDE FRONT AXLE - AIR

(GROUP 280340)

NOTE: THE FOLLOWING ITEMS REPLACE ITEMS 84, 85, 86 AND 87 ABOVE

ITEM	PART NUMBER	QTY.	NAME
1	207975	2	FRONT WHEEL ASSEMBLY 6.00-16
2	207494	2	RIM AND DISC
3	207503	10	FRONT HUB BOLT
4	207976	2	HUB
5	207977	2	HUB CAP
6	#3320	2	TIMKEN CUP - INNER
7	#14274	2	TIMKEN CUP - OUTER
9	#1611	2	1/8" ALEMITE FITTING



NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE
E-13	5	U-2089	19	U-2559	15	U-2744	31	U-3015	5
U-46	41	U-2093	19	U-2560	15	U-2745	21	U-3016	5
U-47	41	U-2094	19	U-2561	23	U-2746	21	U-3017	5
U-48	41	U-2095	19	U-2563	23	U-2747	21	U-3018	5
U-49	41	U-2096	28	U-2564	23	U-2748	21	U-3020	5
U-50	41	U-2097	17	E-2565	5, 33, 35	U-2751	21	U-3021	5
U-53	41	U-2098	17	U-2565	23	U-2752	21	U-3024	5, 6
U-67	41	U-2099	17	U-2567	23	U-2753	21	U-3025	5
U-68-A	41	U-2100	17	U-2568	23	U-2755	31	U-3027	5
U-103	41	U-2101	17	U-2569	23	U-2756	33	U-3028	5
U-145	31	U-2102	17	U-2570	23	U-2758	21	U-3030	5, 11
U-203	28	U-2103	17	U-2571	23	U-2759	21	U-3031	5
U-204	28	U-2104	17	U-2572	23	U-2760	21	U-3033	6
205T	19	U-2105	17	U-2575	23	U-2761	21	U-3034	5, 11
U-219	13	U-2106	17	U-2576	23	U-2762	21	U-3035	7
U-232	28	U-2107	17, 39, 41	U-2577	23	U-2763	21	U-3036	5
U-257	28	U-2109	17, 39, 41	U-2578	23	U-2764	21	U-3038	7, 13
U-272	28	U-2111	17	U-2579	23	U-2766	27	U-3040	7, 13
U-309	13	U-2116	25	U-2580	23	U-2770	21	U-3041	5
U-310	33, 35	U-2123	17	U-2581	23	U-2771	21	U-3042	5
U-334	41	U-2128	19	U-2582	23	U-2772	21	U-3043	3
#342	41	U-2131	25	U-2583	23	U-2773	21	U-3045	3
E-343	23	U-2132	25	U-2586	23	U-2774	21	U-3050	3
#382	39, 41	E-2147	9	U-2587	23	U-2775	21	U-3052	3
E-384	19	U-2149	6	U-2588	23	U-2776	21	U-3053	7
#389	39, 41	U-2150	17	U-2592	23	U-2777	21	U-3054	7
U-403	41	U-2151	25	U-2593	23	U-2778	21	U-3055	8
E-425	41	U-2152	25	U-2595	23	U-2778	21	U-3056	5
#472	39, 41	U-2158	15	U-2597	23	U-2783	21	U-3057	8
#482	39, 41	U-2179	24	U-2599	23	U-2784	21	U-3059	7
U-530	33	U-2180	24	U-2600	23	U-2786	21	U-3061	8
U-532	33	E-2184A	14	U-2601	23	U-2787	21	U-3062	14
U-587	23	U-2219	23	U-2602	23	#2788	17, 39	U-3063	8
U-689	31	U-2220	33, 35	U-2603	23	U-2788	21	U-3064	8
U-705	33, 35	U-2223	33, 35	U-2605	23	U-2789	21	U-3065	14, 37
U-706	33	U-2224	33, 35	U-2606	23	U-2790	21	U-3068	9
U-707	33, 35	U-2226	33	U-2607	23	U-2791	21	U-3072	9
U-769	31	U-2227	33	U-2608	23	U-2792	21	U-3073	8
U-814	37	U-2233	33, 35	U-2609	23	U-2794	21	U-3074	6
U-828	31	U-2253	19	U-2610	23	U-2795	21	U-3075	6
E-938	17	U-2256	19	U-2611	23	U-2796	21	U-3076	7
E-939	17	U-2257	17	U-2613	23	U-2797	19, 21, 39, 41	U-3077	7
U-1020	27	U-2258	17	U-2614	23	U-2856	21	U-3078	14
U-1061	17, 39, 41	U-2260	25	U-2615	23	U-2857	19, 21	U-3079	13, 14
U-1062	17, 39, 41	U-2262	19	U-2617	23	U-2858	21	U-3080	13
U-1063	17, 39, 41	U-2265	19	U-2618	23	U-2860	21	U-3081	13
U-1111	17, 39, 41	U-2267	31	U-2619	23	U-2861	21	U-3082	13
A-1155A	19	U-2269	31	U-2620	23	U-2862	21, 37	U-3083	13
U-1157	33, 35	U-2271	31	U-2621	23	U-2863	21	U-3084	13, 14
#1207	24, 37	U-2272	31	U-2624	23	U-2864	21	U-3086	13
#1208	21, 24	U-2278	31	U-2625	23	U-2865	21	U-3087	15
U-1276	33	U-2279	31	U-2626	23	U-2867	21	U-3088	6
E-1333	14	U-2283	24	U-2629	23	U-2868	21	U-3089	7
U-1437	28	U-2287	31	U-2630	23	U-2869	21	U-3090	15
U-1671	9, 15	U-2289	24	U-2631	23	U-2870	21	U-3091	7
E-1689	14	U-2291	35	U-2632	23	U-2871	21	U-3092	7
E-1690	14	U-2292	35	U-2633	23	U-2875	21	U-3093	7
E-1692	7, 13, 14	U-2299	27, 33	U-2638	23	U-2876	21	U-3094	13
E-1694	17, 39, 41	U-2329	37	U-2639	23	U-2877	21	U-3095	13
E-1695	17, 39, 41	E-2359	35	U-2645	23	U-2885	33	U-3096	13
U-1762	33, 35	E-2369	35	U-2646	23	U-2887	15	U-3097	13
E-1764	14	U-2371	19	U-2647	23	U-2888	31, 37	U-3098	13
E-1765	14	U-2414	24	U-2648	23	U-2891	33	U-3099	13
U-1840	35	U-2415	24	U-2649	23	U-2895	15	U-3100	11
U-1852	7, 14	U-2416	19	U-2666	28	U-2909	17	U-3101	19
U-1881	41	U-2417	19	U-2670	28	U-2916	15	U-3104	11
U-1980	14	U-2420	17	U-2671	24	U-2922	11	U-3105	11
U-1982	14	U-2422	19	U-2672	24	U-2950	27	U-3107	11
U-1998	27	U-2423	19	U-2673	24	U-2958	11	U-3109	3
U-2059	35	U-2453	31	U-2674	24	U-2963	28	U-3112	3
U-2068	27	U-2470	24	U-2675	28	U-3003	5	U-3113	3
U-2069	27	U-2529	19	U-2677	28	U-3004	5	U-3114	3
U-2071	27	U-2530	19	U-2678	27	U-3006	7	U-3118	5
U-2077	19, 21, 39, 41	U-2531	19	U-2686	24	U-3007	7	U-3122	8
U-2078	21	U-2532	19	U-2708	24	U-3008	7	U-3123	8
U-2079	23	U-2533	23	U-2711	33	U-3009	7	U-3124	8, 13, 14
U-2080	23	U-2535	14	U-2715	31, 33	U-3010	7	U-3125	8
U-2082	23	U-2536	23	U-2716	33, 35	U-3011	7	U-3126	8
U-2085	17, 19, 24	U-2537	23	#2720	17, 27, 39	U-3013	7	U-3127	8
U-2086	19	U-2553	27	U-2743	31	U-3014	7	U-3128	5

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE
U-3129	5	U-3249	37	U-3900	11	204158	41	205834	13
U-3130	5	U-3250	37	U-3901	11	204159	41	205835	31
U-3131	7	U-3251	37	U-3902	7	204160	41	205916	33,35
U-3132	7	U-3252	37	U-3903	11	204161	41	205917	33,35
U-3133	8	U-3269	23	U-3904	5	204162	41	205932	17
U-3134	8	U-3270	23	U-3908	5	204163	41	205933	17
U-3135	8	U-3271	23	U-3910	3	204164	41	205966	17
U-3136	8	U-3272	23	#3920.	23	204165	41	206027	23
U-3137	7	U-3291	33	U-3943	39	204166	41	206049	21
U-3138	5	U-3292	35	U-3944	39,41	204167	41	206052	27
U-3139	8	U-3293	35	U-3945	39,41	204168	41	206060	23
U-3141	8	U-3294	35	U-3946	39,41	204171	37	206061	21
U-3142	7	U-3295	35	U-3947	39,41	204175	27	206082	23
U-3143	8	U-3296	35	U-3949	39,41	204176	37	206083	23
U-3144	5	U-3310	27	U-3958	39,41	204229	31	206085	27
U-3145	8	#3320.	23,41	U-3959	39	204232	15	206223	27
U-3146	8	U-3352	24	U-3960	39,41	204268	25	206342	27
U-3147	8	U-3353	24	U-3961	39	204339	23	206343	27
10-3148	14	U-3354	33	U-3962	39	204433	23	206344	27
U-3149	7	U-3357	35	U-3963	39,41	204462	3	206417	33
10-3149	14	U-3358	35	U-3964	39,41	204473	27	206584	28
U-3152	8	U-3379	13	U-3965	39,41	204475	27	206621	28
10-3152	14	U-3381	13	U-3966	39,41	204476	27	206622	28
U-3155	7	#3383.	23	U-3967	39,41	204478	27	206751	41
U-3156	8	U-3428	13	U-3968	39,41	204479	27	206752	41
U-3157	5	U-3429	13	U-3970	39,41	204541	41	206753	41
U-3158	5,6	U-3430	13	U-3971	39,41	204656	13	206785	37
U-3159	17	U-3431	13	U-3972	17	204720	3,6	206786	37
U-3160	9	U-3435	19	U-3974	39,41	204721	5,6	206830	9
U-3161	9	U-3441	9	U-3975	39	204722	5,6	206861	7
U-3162	9	U-3446	27	#3982.	23	204723	41	206863	31
U-3163	9	U-3449	37	U-3985	6	204801	7	207122	8
U-3164	7	U-3461	5	U-3989	3	204803	28	207123	8
U-3165	17	U-3462	17	U-3990	39	204815	28	207162	19
U-3166	7	U-3463	17	U-3991	39	204822	28	207174	23
U-3167	7	U-3464	17	U-3992	39	204827	28	207175	23
U-3168	11	U-3465	21	U-3994	39	204828	28	207187	23
U-3169	11	U-3496	19	U-4000	3	204837	19	207455	3,5
U-3170	11	U-3498	19	U-4010	27	204838	19	207456	3,5
U-3171	11	U-3524	13	U-4013	7	204839	19	207469	21
U-3172	11	U-3525	13	U-4014	5	204840	19	207485	7
U-3173	11	U-3526	13	#5545.	33	204842	19	207486	7
U-3174	11	U-3527	13	A-5750	15	204843	19	207493	27
U-3175	11	U-3532	21	#7309.	23	204844	19	207494	27
U-3176	11	10-3575.	14	#8508.	19	204845	19	207495	27
U-3178	9	U-3592	27	AM-8748	33	204846	19	207501	13
U-3179	9	U-3594	27	AM-9248	37	204848	19	207503	27,41
U-3180	25	U-3621	13	AM-9472	37	204849	19	207507	27
U-3181	11	U-3623	19	AM-9536	13	204850	19	207508	27
U-3182	11	U-3644	5	9543	11	204863	11	207509	27
U-3183	5	U-3647	28	12960.	11	204865	11	207550	13
U-3184	8	U-3653	13	#14131	41	204882	21	207551	13
U-3185	6	U-3660	37	#14137	37	204912	11	207552	13
U-3186	11	U-3661	37	#14274	37,41	204917	11	207708	23
U-3187	9	U-3669	37	#15118	17,37	204925	6	207721	13
U-3188	3	U-3673	19	#15250	17,27,37	204926	3,6	207722	13
U-3189	3	U-3730	37	#23700	17,39,41	204936	33	207723	13
U-3191	14	U-3731	37	#23704	17,39,41	204962	33	207730	37
U-3192	13	U-3737	33,35	33453.	17	204971	27	207731	37
U-3193	13	U-3739	37	33454.	17	205088	15	207732	37
U-3195	9	U-3768	37	035068	33,35	205134	11	207733	37
U-3196	7,14	U-3769	37	035892	37	205215	7	207735	37
U-3198	7	U-3779	39,41	AM-41579	15	205260	6	207859	39
U-3201	5,11	U-3805	11	#44156	23	205267	28	207860	31
U-3202	11	U-3808	19	#44348	23	205286	25	207863	15
U-3203	13	U-3809	3	#47510	21	205287	25	207864	21
U-3204	9	U-3810	9	#94520	21	205430	41	207885	25
U-3205	9	U-3816	33	#94532	37	205506	23	207958	17
U-3206	3	U-3861	33,35	#94632	21	205507	7	207974	41
U-3207	3	U-3862	13	204055	11	205738	6	207975	41
U-3208	13	U-3865	5,6	204058	11	205760	35	207976	41
U-3210	3	U-3866R	6	204061	6	205761	35	207977	41
U-3226	17,33,35	U-3867	6	204070	27	205762	35	280006	3,6
U-3227	17,41	U-3868	6	204105	28	205763	35	854003	28
U-3233	37	U-3869	6	204144	13	205764	35	854004	28
U-3234	37	U-3870	3,6	204147	37	205765	35	854005	28
U-3236	37	U-3873	33	204150	37	205766	35	854007	28
U-3240	37	U-3874	33,35	204152	37	205788	23	854012	28
U-3241	37	U-3890	7	204153	37	205800	15	854016	28
U-3242	37	U-3898	11,27	204155	41	205807	7	854053	28
U-3245	37	U-3899	11	204156	41	205826	7	854072	28

HYDROMATIC TRACTOR TIRES

It is generally known, that to obtain maximum traction with a tractor equipped with low pressure pneumatic tires, weight must be added. The practice has been to attach cast iron weights to spokes of the wheels, but after numerous experiments by our engineering department, the use of liquid injected into the tire has shown several advantages.

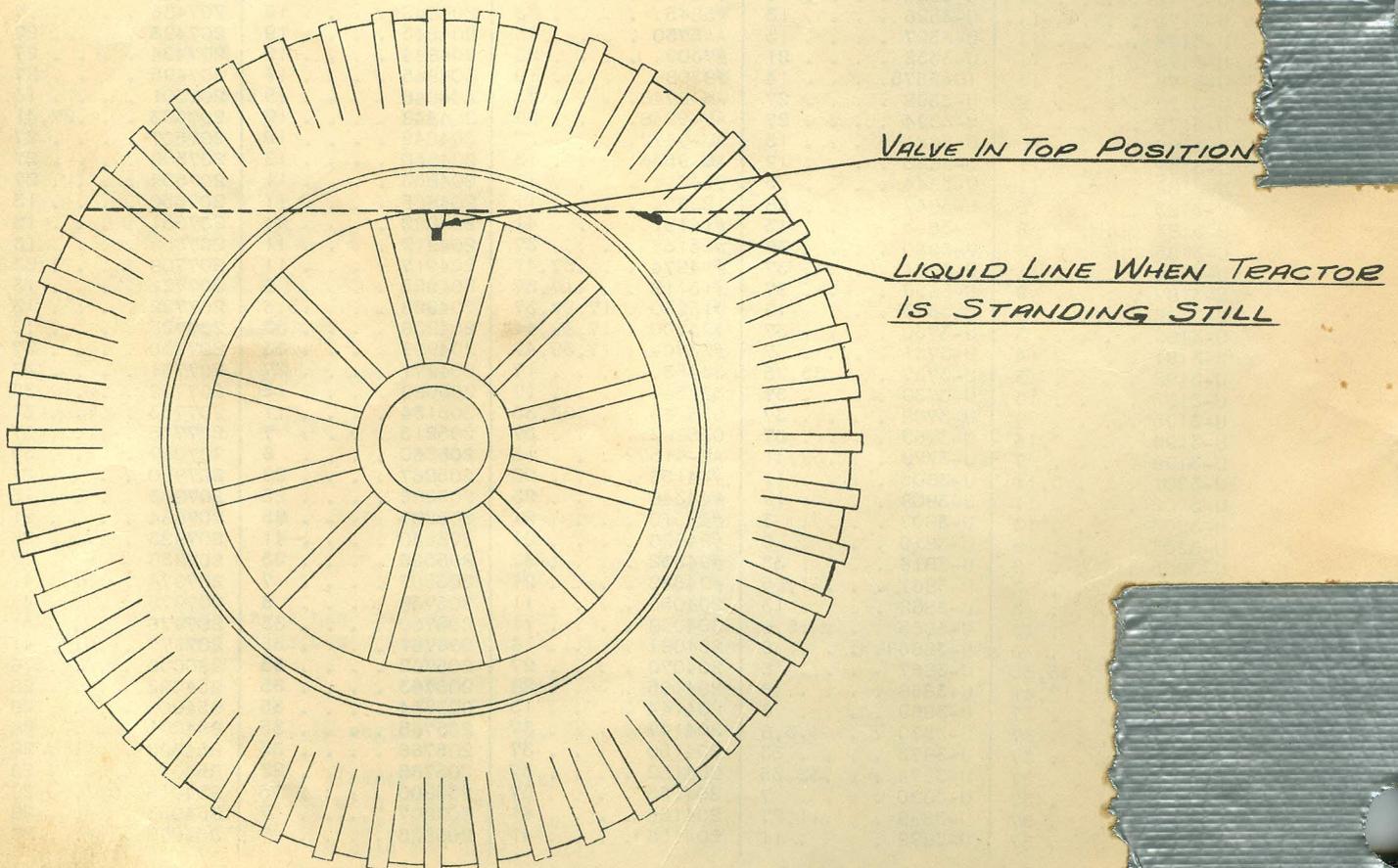
The action of the tires, partly filled with liquid, tends to eliminate "bouncing" to a great extent. The liquid adds weight to the tractor at the correct point -- nearest to the ground -- and thereby increases the stability of the tractor. Weight added in this manner is a "free wheeling" weight and eliminates much of the shock that otherwise would be absorbed by the tractor gears.

As water, alone, will freeze in cold weather, Allis-Chalmers tractor tires are filled with the proper quantity of 15% calcium chloride solution. Calcium chloride will in no way harm the casings, tubes or valves. A mixture of 15% calcium chloride and 85% water has a specific gravity of 1.140 and may be tested by the use of an ordinary battery hydrometer. This mixture will form a slush at 10° above zero, but will not freeze solid at 20° below zero. No harm will be done to the tires at even colder temperatures.

The tires are filled about 3/4 full of the solution and then inflated to the standard recommended air pressure. This amount of solution will give the same weight as two cast iron wheel weights on each wheel. If more weight is needed for difficult traction conditions, wheel weights may be added.

Tire companies have instructed their service stations concerning liquid ballast for tractor tires and they have the necessary facilities for mixing and injecting this fluid into the tires.

If the valve core is to be removed for any cause it will be necessary to jack up tractor and turn the wheel until the valve stem is on top, otherwise the solution will be lost.



ALLIS-CHALMERS BRANCHES

UNITED STATES

ABERDEEN, S.D.
AMARILLO, TEX.
ATLANTA, GA.
BILLINGS, MONT.
COLUMBUS, OHIO
DALLAS, TEX.
DES MOINES, IA.
DODGE CITY, KAN.
FARGO, N.D.
GREAT FALLS, MONT.
GREENVILLE, MISS.
GREENWOOD, MISS.

HARLINGEN, TEX.
HARRISBURG, PA.
INDIANAPOLIS, IND.
KANSAS CITY, MO.
LA PORTE, IND.
LOS ANGELES, CAL.
MADISON, WIS.
MASON CITY, IA.
MEMPHIS, TENN.
MINNEAPOLIS, MINN.
OAKLAND, CAL.
OKLAHOMA CITY, OKLA.

OMAHA, NEB.
PEORIA, ILL.
POCATELLO, ID.
PORTLAND, OREG.
ROCKFORD, ILL.
SIDNEY, NEB.
SIOUX CITY, IA.
SPOKANE, WASH.
ST. LOUIS, MO.
SYRACUSE, N.Y.
TOLEDO, OHIO
WICHITA, KAN.

CANADA

CALGARY, ALTA.
EDMONTON, ALTA.

REGINA, SASK.
SASKATOON, SASK.

TORONTO, ONT.
WINNIPEG, MANIT.

FOREIGN

BUENOS AIRES, ARG.

LONDON, ENGLAND

PARIS, FRANCE

FACTORIES LOCATED AT

SPRINGFIELD, ILL.
LA CROSSE, WIS.

LA PORTE, IND.
WEST ALLIS, WIS.

NOTE: IT IS VERY IMPORTANT THAT THIS BOOK BE FILED IN YOUR BINDER FOR READY REFERENCE. PLEASE FILE AT ONCE.



ALLIS-CHALMERS

TRACTOR DIVISION—MILWAUKEE, U. S. A.