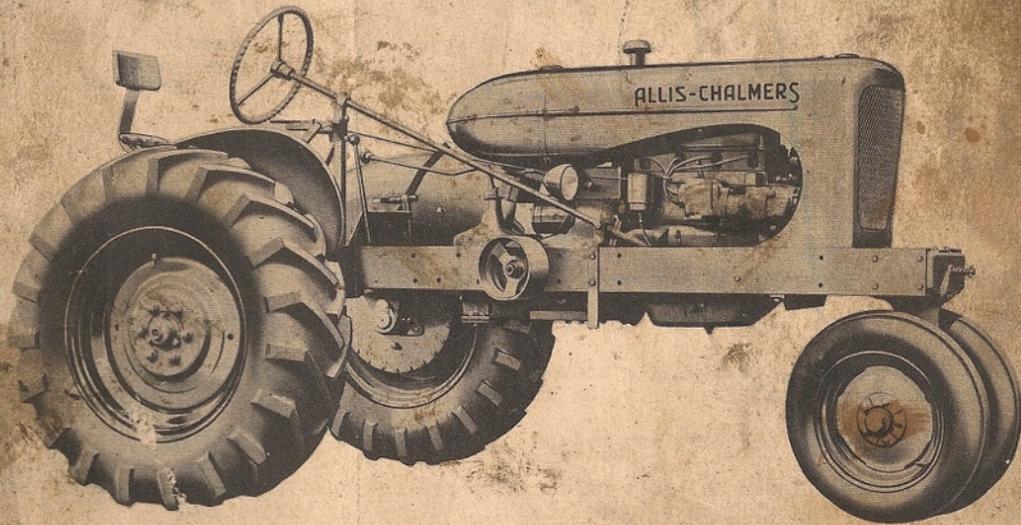


**PARTS BOOK
AND
OPERATING DIRECTIONS
FOR
ALLIS-CHALMERS
MODEL
"WC" TRACTOR
EFFECTIVE TRACTOR 74330**

13



Allis-Chalmers Mfg. Co.
TRACTOR DIVISION
MILWAUKEE, WISCONSIN
U. S. A.

FORM No. T465G 12-38

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 UCLZABZAKK. 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 part or parts where it seems desirable to do so, without incurring the obligation of installing such changes on units already delivered.

bought

AVOID ACCIDENTS

May 30 - 1939

Spring Valley Mission

Most accidents, whether they occur in industry, on the farm, at home, or on the highway, are caused by the failure of some individual to follow simple and fundamental safety rules or precautions. For this reason most accidents can be prevented by recognizing the real cause and doing something about it before the accident occurs.

Regardless of the care used in the design and construction of any type of equipment, there are many conditions that can not be completely safe guarded against without interfering with reasonable accessibility and efficient operation.

A CAREFUL OPERATOR IS THE BEST INSURANCE AGAINST AN ACCIDENT.

THE COMPLETE OBSERVANCE OF ONE SIMPLE RULE WOULD PREVENT MANY THOUSAND SERIOUS INJURIES EACH YEAR. THAT RULE IS:

NEVER ATTEMPT TO CLEAN, OIL, OR ADJUST A MACHINE WHILE IT IS IN MOTION!

"National Safety Council"

INDEX OF ASSEMBLIES

NAME	PAGE
AIR CLEANER	23
BELT PULLEY	36
CAMSHAFT	16
CARBURETOR	20
CARBURETOR PARTS	21
CLUTCH AND CLUTCH HOUSING	29
CONNECTING ROD	13
CRANKSHAFT	16
CRANKSHAFT EXCHANGE	15
CYLINDER BLOCK	15
CYLINDER HEAD AND VALVES	17
DRAWBAR AND PLATFORM	43
FAN	19
FRAME	36
FRONT SUPPORT AND SPINDLE	27
FUEL TANK	41
GEAR COVER	18
GOVERNOR CONTROL	37
GOVERNOR AND MAGNETO	25
MAGNETO	25
MANIFOLD AND CARBURETOR	20
OIL FILTER	23
OIL PUMP	22
OIL SUMP	20
PISTON	13
POWER LIFT	47
POWER TAKE-OFF	49
RADIATOR	25
REAR AXLE	34
SEAT	43
SINGLE FRONT WHEEL	51
ELECTRIC STARTING AND LIGHTING EQUIPMENT	45
STEERING WHEEL, SHAFT AND SUPPORT	37
TOOLS	47
TRANSMISSION	31
WATER PUMP AND FAN	19
WHEELS	39
WHEEL GUARD	43
WIDE FRONT AXLE - AIR	53
WIDE FRONT AXLE - STEEL	53

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 THE FOLLOWING 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.

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
TIRE PRESSURES.	Front 28 Rear 12

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

Be sure the gear shift lever is 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 valve under small tank. Open throttle control one-third way. Turn choke lever, on side of carburetor, down. Press starting button, on side of starting motor, all the way in. When motor has turned over two compression strokes turn choke lever forward. As soon as motor starts, release starter button. If the weather is cool more choking may be necessary.

If tractor is not equipped with electric starter, proceed as above except crank engine over two compression strokes with choke lever down, turn choke lever forward. Engine should then start readily when cranked. 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 cap-screws 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 40 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 oil pressure safety margin is indicated in black on oil gauge. Gauge indicator should register within this margin when motor is heated to operating temperature and running at normal governed speed.

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 32, group 280980) is made accessible by removing the small cover from bottom of clutch housing. (Item 87 group 280980) 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. (Item 2, group 280980) 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. 140 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 56 group 280980) 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 102 group 280991). 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.

GENERATOR. Lubricate bearings at each end, through small oil cups, with two or three drops of light oil for each 200 hours of operation.

STARTING MOTOR. Lubricate bearing at rear end, through small oil cup, with two or three drops of light oil for each 500 hours of operation.

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 letters "HA" following the engine number.
Example: W38865HA

For regular loads use 60 Octane gasoline or higher. For continued heavy loads use 70 Octane gasoline or higher.

Engine numbers are located on left hand side of engine block, to the rear of carburetor.

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 letter "K" following the engine number are furnished with two manifold covers. Cover marked with letter "K" must be used when burning low grade fuel. Cover marked with letter "G" is to be used when burning gasoline.

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

ELECTRICAL EQUIPMENT

BATTERY. The "WC" starting and lighting system uses a six volt battery, designed and built to meet the requirements of the tractor.

After each week of operation, check the electrolyte (Solution) in the battery to see that it is at the proper level. This level should be maintained 3/8" above top of separators, never higher, and never below top of separators. Never add anything to the solution except DISTILLED water. Boiled water will not do. The supply of water should be kept in clean, covered vessels of glass, china, rubber, or lead.

Do not allow lighted matches or an open flame of any kind to come in proximity to battery cell covers.

In cold weather, add water only immediately before running the engine so that the charging will mix the electrolyte and water and prevent freezing. A fully charged battery will not freeze in very cold temperatures, but if only partly charged will freeze and be ruined at much higher temperatures.

Weekly readings of each battery cell should be taken with a battery hydrometer. The readings indicate as follows: 1.280, full charge; 1.225, half charge; 1.150, discharged.

By taking frequent readings with the hydrometer, it is possible to keep generator charging rate so adjusted as to have battery fully charged at all times. When taking the readings, return the electrolyte to the cell from which it was taken.

Due to the infrequent use of tractor in cold weather and the extra amount of electrical energy required by starting motor, it is usually necessary to use a higher charging rate than in summer to keep battery fully charged. Refer to instruction on ammeter for charging information.

Keep the battery clean by using a stiff bristle brush--not metal. Coat terminals with vaseline to prevent corrosion. If battery is removed from tractor, be sure the positive (+) terminal is attached to ground cable when reinstalled.

Battery box cover should be in place and tightened snugly to prevent battery from being damaged by vibration. Be sure small rubber insulators on bottom of cover are in place and in good condition. Any non-insulated metal across top of battery will short and cause it to lose its charge.

In event the tractor is not to be used for some time, it is advisable to remove the battery, have it fully charged and stored in a basement or some similar place where the temperature is to be as low as possible, but above freezing.

If any difficulty is experienced with the battery, consult your local Allis-Chalmers dealer or local battery service station that handles this make battery.

GENERATOR. The generator(4), mounted on left-hand main frame channel, is the source of electrical supply for the starting and lighting equipment. It is driven by the fan belt which should be adjusted just tight enough to prevent slippage.

The construction of the generator is as simple as such a piece of electrical equipment can be made. Other than the following, no special attention is required.

Lubricate the bearings at each end through the small oil cups with two or three drops of light oil for each 200 hours of operation.

Do not run generator with battery removed unless wire attached to post on generator case is disconnected. Do not disturb wires on generator cut-out relay.

The cut-out relay, attached to generator case, prevents the battery from discharging, through the generator, when generator is idle. The only care necessary for this is to examine the points occasionally, and if pitted, file them smooth with a fine point file.

AMMETER. The ammeter(40), located on the dash, indicates the charging or discharging rate of battery.

If ammeter should register discharge with lights off, disconnect the battery cable to prevent its discharge until the difficulty is located and corrected. Such a condition is usually caused by a worn or frayed wire making a short circuit or by cut-out relay points being stuck together.

The lighting switch is also a generator output regulator. With this type switch, it is possible to increase the charging rate of the battery without making any changes in the generator. The operation of the switch is as follows: with control rod (36) forward as far as possible, charging rate is from two or four amperes and lights are off; when pulled out to first stop, lights are on and charging rate remains the same; when pulled back as far as possible, the lights are off and the charging rate is increased to approximately twelve amperes. This last position is to be used only when the battery, due to abnormal conditions of operation, loses its charge faster than the regular charging rate can make up. In ordinary tractor operation the danger will be to overcharge the battery.

STARTING MOTOR. The starting motor(1), is mounted on the clutch housing, having a connection which automatically engages the flywheel, with the engine idle, when the starter button is depressed.

Lubricate the rear bearing through small oil cup with two or three drops of light oil for each 500 hours of operation.

The starting motor seldom causes any difficulty, but if it should, any one of the following may be the cause:

1. Exhausted battery.
2. Broken or loose wires.
3. Loose or corroded battery terminals.
4. Starting switch making poor contact.

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 of 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 crankcase 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 camshaft. It is considered good practice to clean the oil pump screen each season. This can be done by removing the oil sump.

CARBURETOR ADJUSTMENTS

The carburetor has two adjustment needle valves for correcting changes in fuels and atmospheric conditions. These are known as the "Idling Adjustment Needle", and the, "Main Adjustment Needle".

The idling adjustment needle, located on front of throttle body, controls the air for the idling mixture. Turning in this needle shuts off the flow of air and makes a richer fuel mixture. Turning out makes a leaner mixture. A good place to start for adjustment is one and one-half turns open. Do not expect a new motor, that is too "stiff" to rock freely on compression, to idle smoothly.

To get the proper idling speed, set the stop screw on the throttle valve arm of carburetor. Turn stop screw to right to increase and to left to decrease idling speed.

The main jet adjusting needle, located on front of fuel bowl, is for admitting more fuel to engine than is normally supplied by the main jet, which may be necessary due to the variation in fuels and atmospheric conditions. Turning out admits more fuel and makes a rich mixture. Do not force the needle down on its seat as it will cause damage to these parts.

MAGNETO

The contact points must be kept clean and properly spaced. If pyramided or pitted, they should be made smooth with a tungsten file or a stone, and adjusted to allow a gap of .020" when open.

Spark plug points should have a gap of .030 to .035 inch.

The magneto is manufactured by a reliable company and is serviced through its many authorized service stations.

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 (77) and the throwout bearing(37) contacting the 3 release levers (24). (Refer to group 280980)

Each release lever has an adjusting screw which is for the purpose of regulating the lever contact with the throwout bearing. As the clutch facings wear, the release levers move nearer to the throwout 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" between the ends of each of the 3 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. On tractors equipped with generator, belt may be adjusted by loosening capscrew holding generator brace and moving generator out.

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, (Item 64 group 280991) 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 setscrew 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.

DRIVE SHAFT RELEASE COUPLING

The drive shaft release coupling makes possible the live power lift which permits operating the power lift with tractor either standing still or moving forward.

To operate the lift with tractor standing, release the clutch; shift transmission gears into any forward speed position; shift drive shaft release coupling lever (Item 164 group 280991) located on torque tube, to rear as far as possible; then release the clutch. Power lift may now be operated by depressing the power lift pedal.

For movement of tractor, the release coupling shift lever must be ahead as far as possible.

Do not attempt to shift release coupling while tractor is moving or drive shaft (151) revolving.

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.

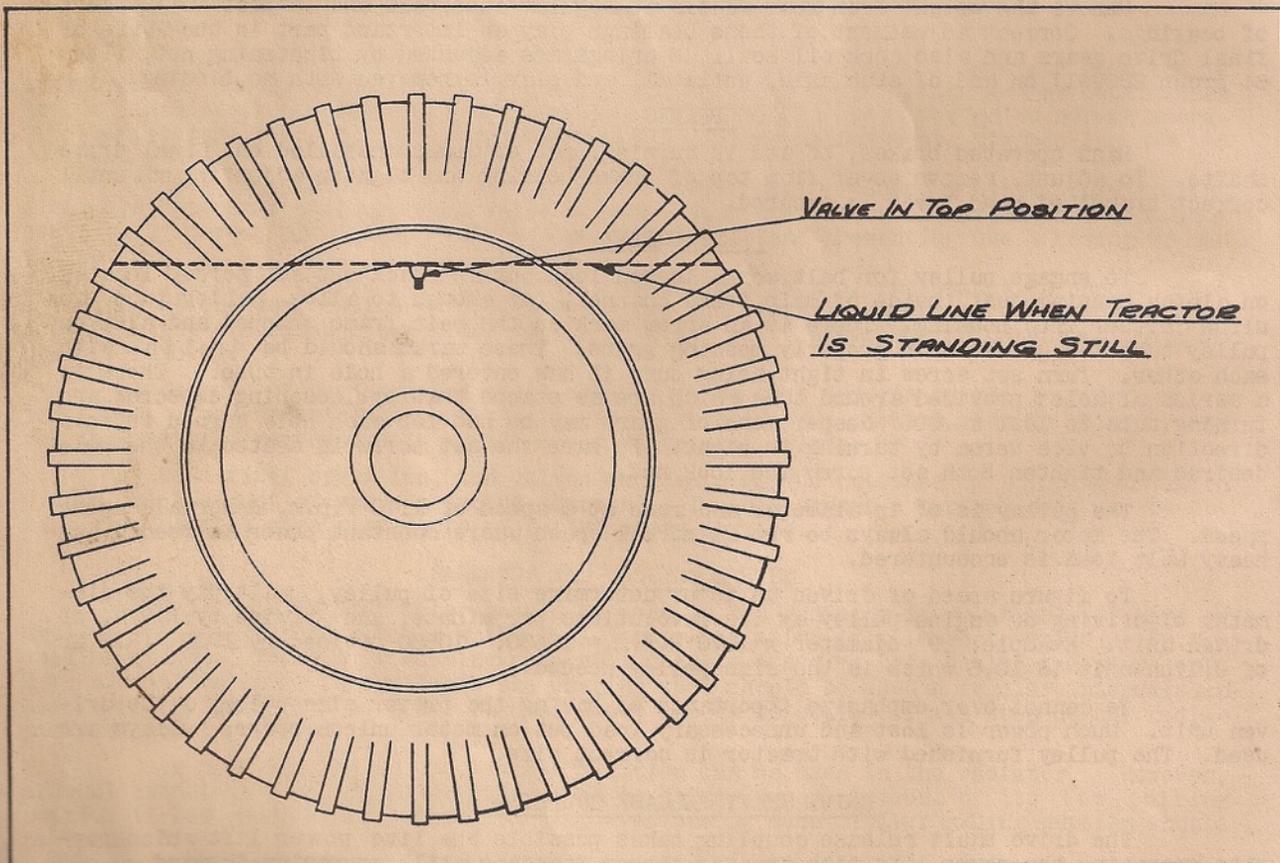
The action of the tires, partly filled with liquid, tends to eliminate "bouncing" to a great extent. The liquid adds weight to the tractor at the correct point -- nearest to the ground -- and thereby increases the stability of the tractor. Weight added in this manner is a "free wheeling" weight and eliminates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

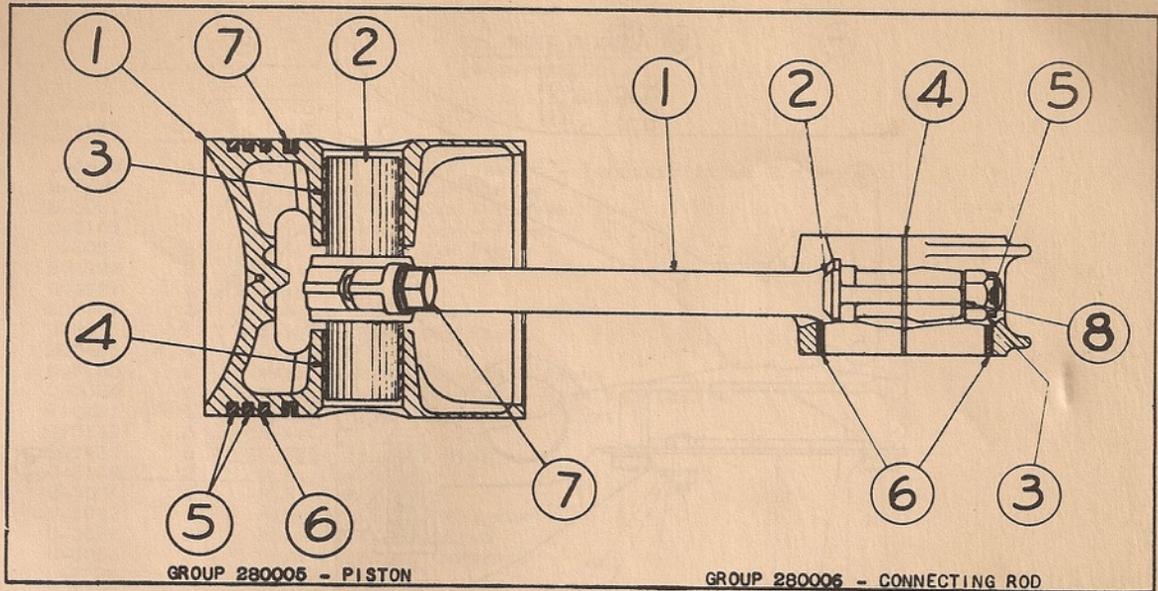
As water, alone, will freeze in cold weather, Allis-Chalmers tractor tires are filled with the proper quantity of 15% calcium chloride solution. Calcium chloride will in no way harm the casings, tubes or valves. A mixture of 15% calcium chloride and 85% water has a specific gravity of 1.140 and may be 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.





PISTON
(GROUP 280005 AND 280125)

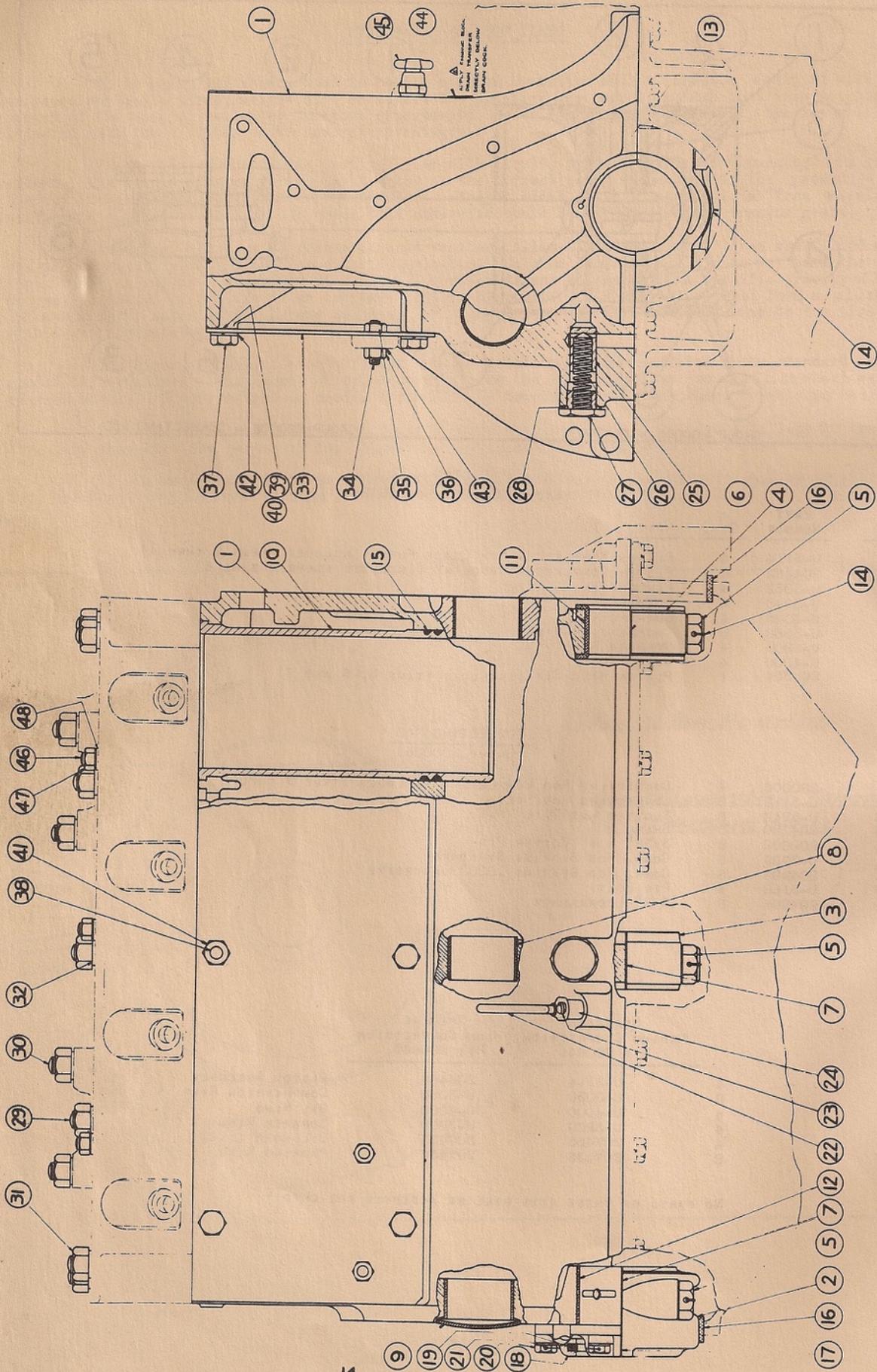
ITEM	PART NUMBER	QTY.	NAME
1	{ U-3114	4	PISTON COMPLETE - LOW GRADE FUEL (INCLUDES ITEMS 2 THRU 4)
	204462	4	PISTON COMPLETE - GASOLINE (INCLUDES ITEMS 2 THRU 4)
2	U-3052	4	PISTON PIN
3	U-3043	4	BUSHING
4	U-3045	4	BUSHING
5	U-3050	8	COMPRESSION RING
6	U-3809	4	SCRAPER RING
7	U-4000	4	OIL RING
-	208354	1	PISTON RING SET (INCLUDES ITEMS 5, 6 AND 7)

CONNECTING ROD
(GROUP 280006)

1	280006	4	CONNECTING ROD COMPLETE - INCLUDES ITEMS 2 THRU 8
2	U-3112	8	CONNECTING ROD BOLT
3	U-3210	8	SLOTTED NUT 7/16" N.F.
4	204720	8	SHIM
5	900802	8	3/32" x 1" COTTER PIN
6	{ U-3989	8	CONN. ROD BEARING STANDARD
	204926	8	CONN. ROD BEARING .020" UNDERSIZE
7	U-3188	4	PIN BOLT
8	904206	8	3/8" LOCKWASHER

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

NO PARTS OF THESE KITS WILL BE ACCEPTED FOR CREDIT



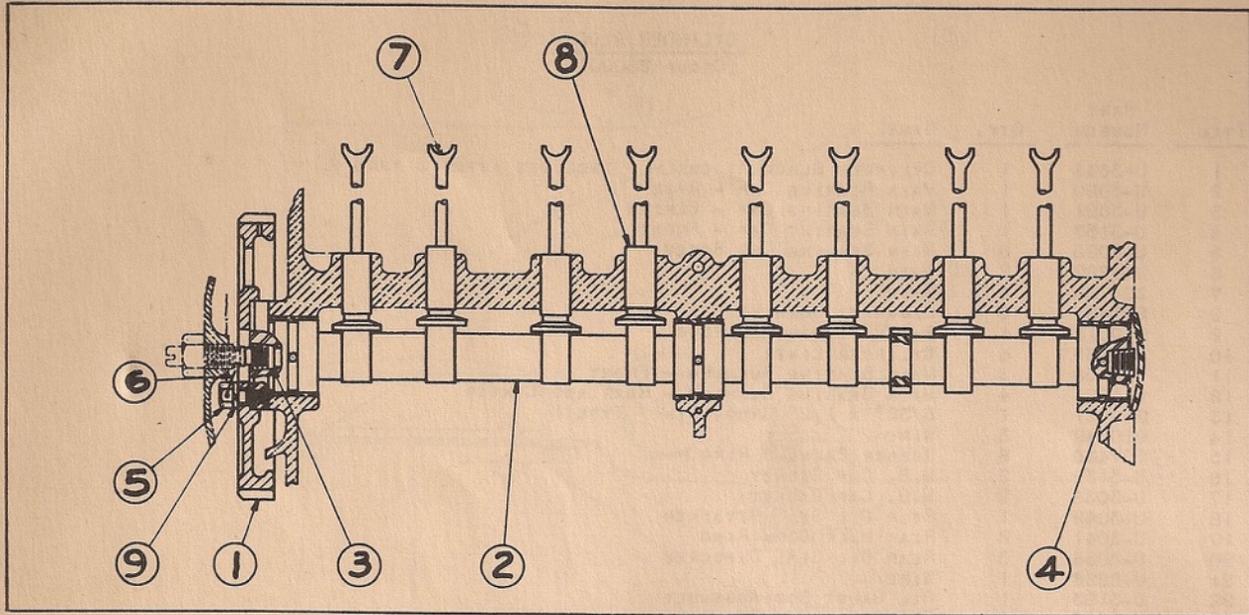
CYLINDER BLOCK
(GROUP 280001)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	U-3644	1	CYLINDER BLOCK ASSEMBLY - INCLUDES ITEMS 2 THRU 9
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 CAP SCREW
6	204722	2	SHIM
7	204721	4	SHIM
8	207481	3	CAMSHAFT BUSHING
9	910011	1	2-1/2" EXPANSION PLUG
10	207435	4	CYLINDER LINER
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" GROOV-PIN TYPE I
14	910549	3	WIRE
15	207436	8	RUBBER PACKING RING
16	U-3138	2	M.B. CAP GASKET
17	U-3036	2	M.B. CAP GASKET
18	U-3042	1	REAR OIL SEAL RETAINER
19	U-3041	2	REAR HALF CORK RING
20	U-3056	3	REAR OIL SEAL CAPSCREW
21	U-2626	1	WIRE
22	U-3183	1	OIL GAUGE ROD ASSEMBLY
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	OIL RELIEF VALVE PLUG NUT
28	U-3130	1	OIL RELIEF VALVE GASKET
29	U-3004	8	CYL. HD. STUD
30	U-3003	4	CYL. HD. STUD
31	U-3461	12	CYL. HD. STUD NUT
32	E-2565	12	WASHER
33	U-3904	1	PUSH ROD ASSEMBLY - INCLUDES ITEMS 34 AND 35
34	U-3908	2	STUD
35	900366	2	5/16" NUT
36	900366	2	5/16" NUT
37	903629	5	3/8" x 3/4" CAPSCREW
38	U-3201	1	COVER STUD
39	U-3030	2	PUSH ROD COVER GASKET
40	U-3034	2	PUSH ROD COVER GASKET
41	900367	1	3/8" NUT
42	904206	6	3/8" LOCKWASHER
43	904205	2	5/16" LOCKWASHER
44	206289	1	ENGINE BLOCK DRAIN TRANSFER
45	U-1671	1	ENGINE BLOCK DRAIN COCK
46	207151	3	CYL. HD. STUD
47	207132	3	NUT
48	207152	3	WASHER

CRANKSHAFT EXCHANGE

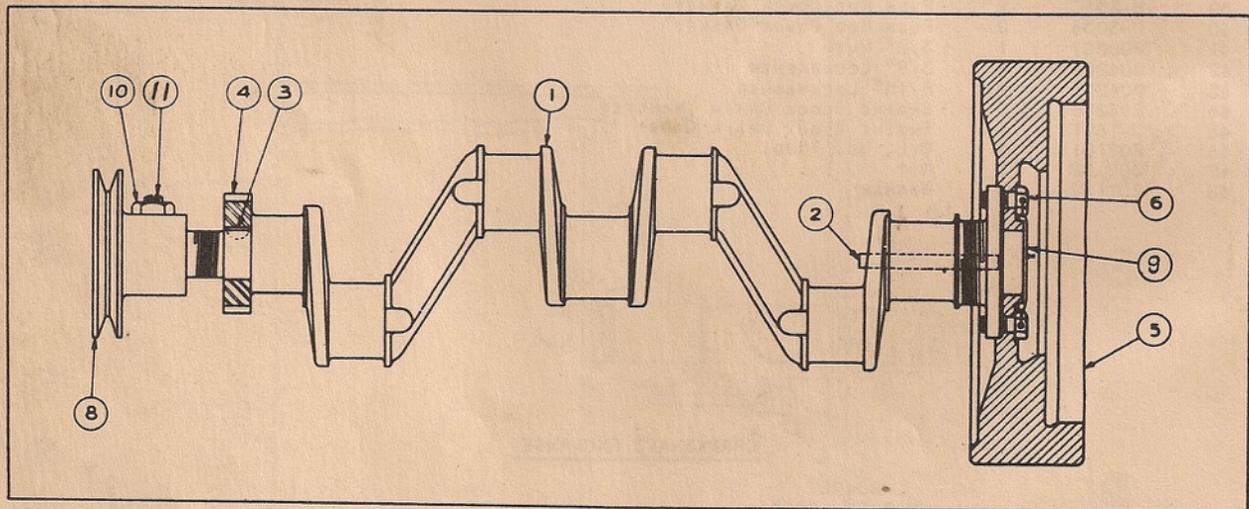
-204927
2-3/8"-.020"

1	204925	CRANKSHAFT
1	U-3033	CRANKSHAFT GEAR
1	910184	#8 WOODRUFF KEY
4	U-3869	MAIN BEARING BUSHING - CENTER AND REAR
2	U-3868	MAIN BEARING BUSHING - FRONT
8	204926	CONNECTING ROD BEARING BUSHING
4	204722	MAIN BEARING SHIM - FRONT
8	204721	MAIN BEARING SHIM - REAR AND CENTER
8	204720	CONNECTING ROD SHIM
	205260	WORN SHAFT RETURN NUMBER
1	204061	CRANKSHAFT WICK



CAMSHAFT
(GROUP 280003)

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



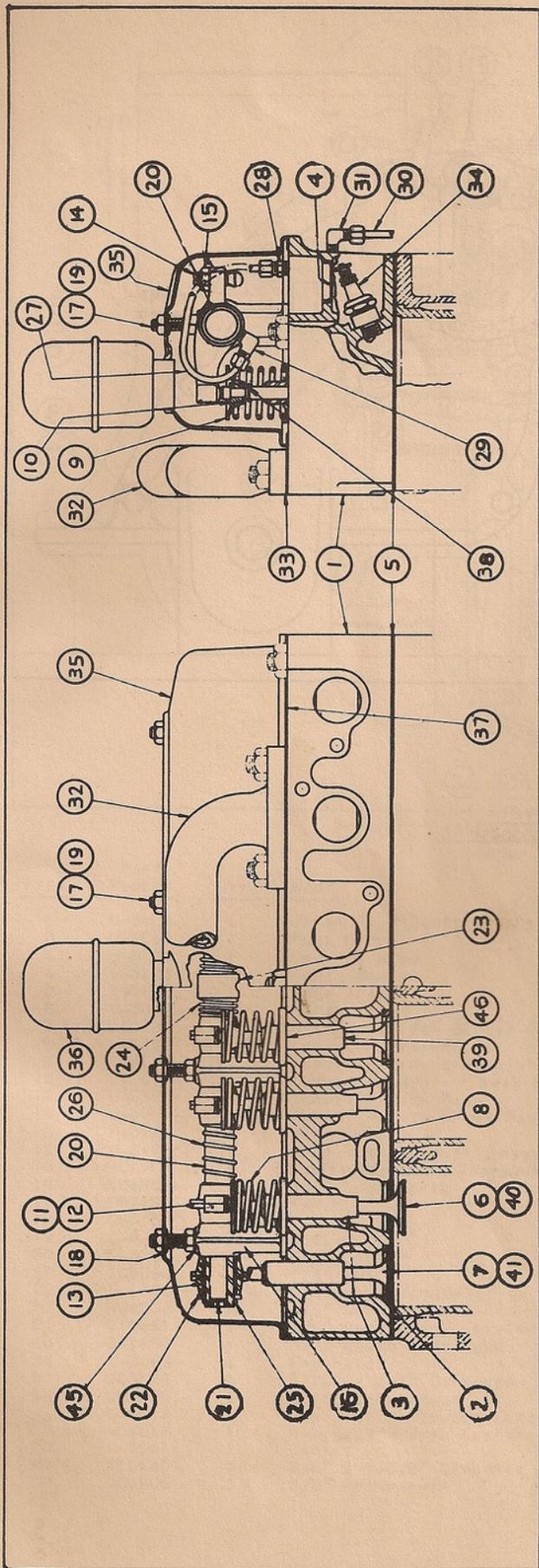
CRANKSHAFT
(GROUP 280977)

1	{ U-3985	1	CRANKSHAFT 2-3/8" CRANK PIN
	{ 204925	1	CRANKSHAFT 2-3/8" .020" UNDERSIZE CRANK PIN
2	204061	1	OILING WICK
3	910184	1	#8 WOODRUFF KEY
4	U-3033	1	CRANKSHAFT GEAR
5	208195	1	FLYWHEEL - INCLUDES ITEMS 6 AND 7
6	208131	1	FLYWHEEL
7	208132	1	RING GEAR
8	U-3075	4	CAPSCREW
9	910548	2	10" OF #14 SOFT IRON WIRE
10	U-3088	1	FAN DRIVE PULLEY
11	U-2149	1	SPECIAL SET SCREW 5/8" x 1-7/16"
12	903574	1	5/8" JAM NUT

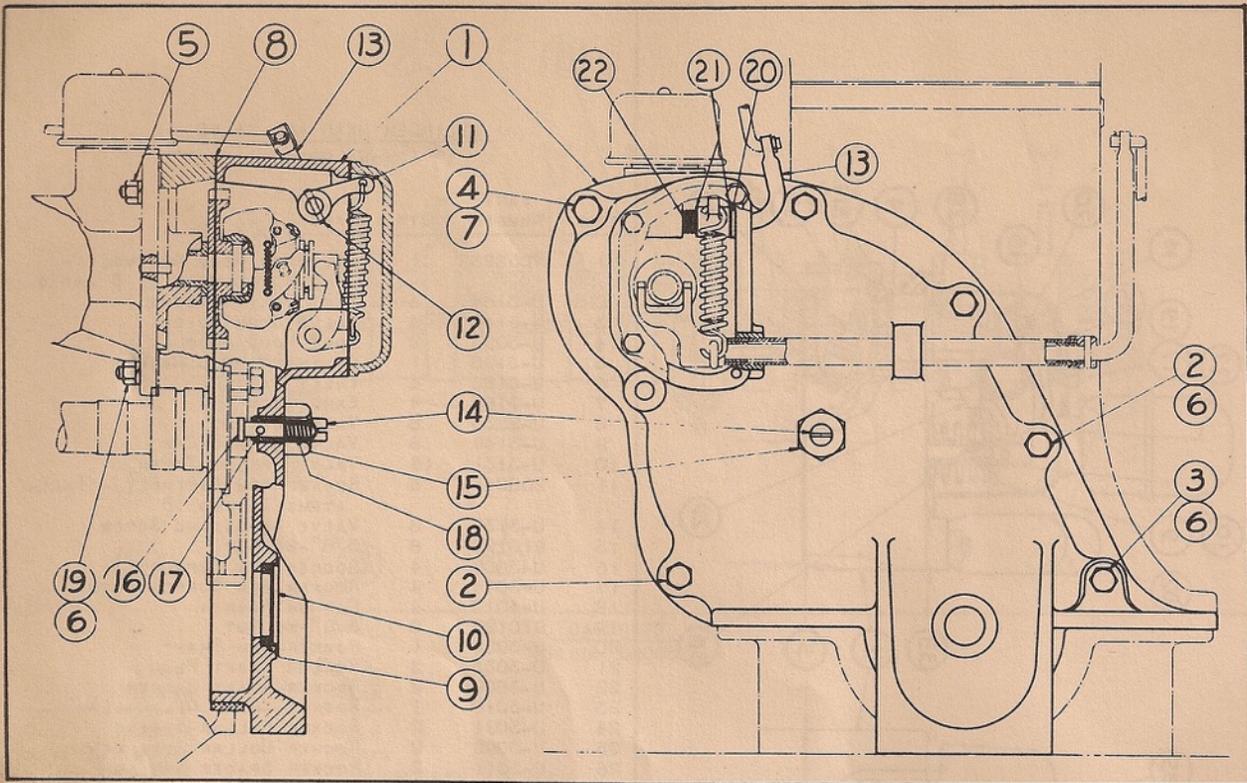
(SEE CRANKSHAFT EXCHANGE ON PREVIOUS PAGE)

CYLINDER HEAD AND VALVE

(GROUP 280007)

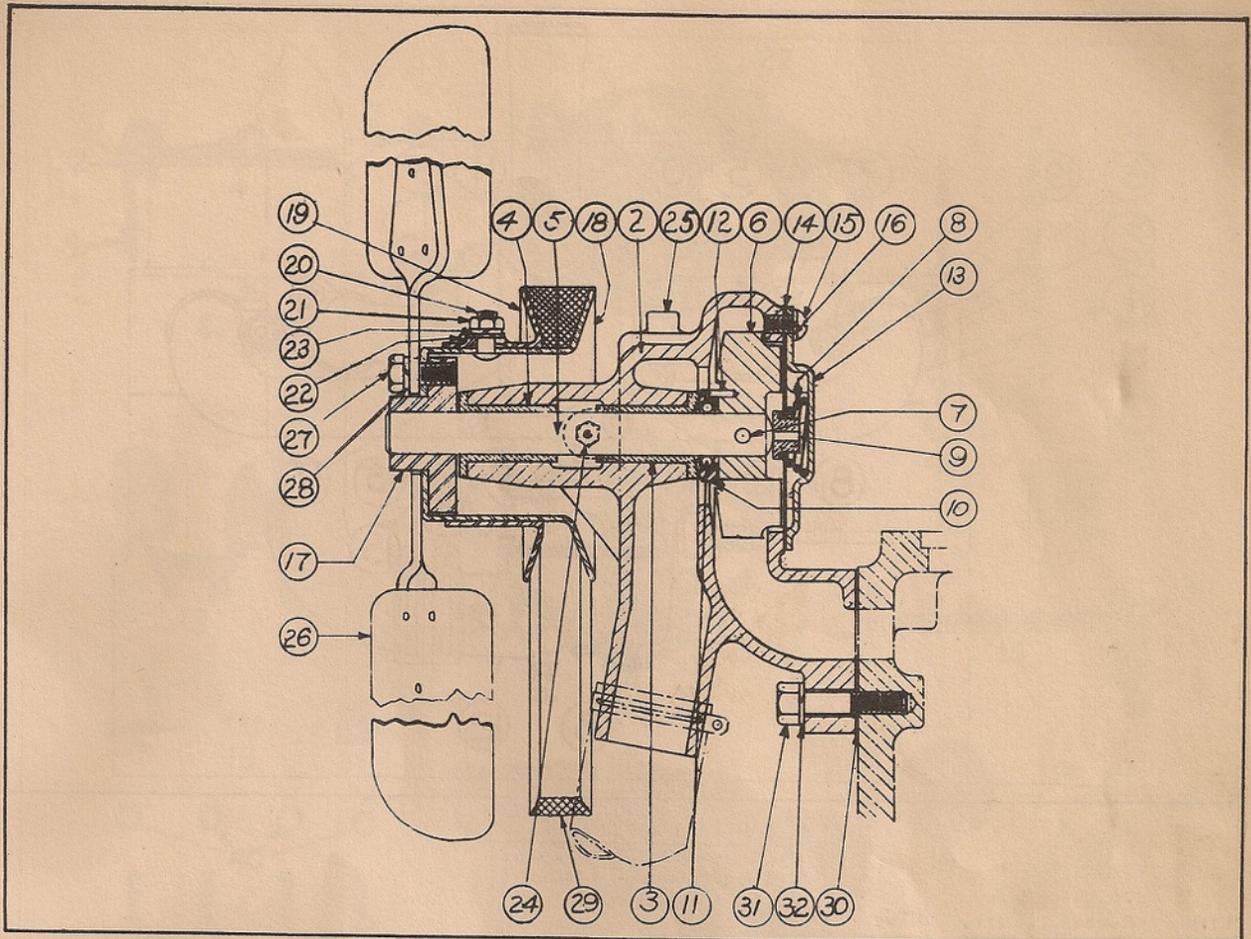


ITEM	PART NUMBER	QTY.	NAME
1	205826	1	CYLINDER HEAD ASSEMBLY - INCLUDES ITEMS 2, 3 AND 4
2	U-3164	4	EXH. VALVE INSERT
3	U-3142	4	VALVE STEM GUIDE
4	U-3093	2	CORE HOLE PLUG
5	U-3198	1	CYLINDER HEAD GASKET
6	U-3166	4	INLET VALVE
7	U-3167	4	EXH. VALVE
8	U-2833	8	VALVE SPRING
9	U-3149	8	VALVE SPRING CAP
10	U-3131	16	VALVE SPRING TAPER
11	208046	8	ROCKER ARM ASSEMBLY - INCL. ITEMS 14 AND 15
14	U-3132	8	VALVE ADJUSTING SCREW
15	910123	8	3/8"-24 NUT
16	U-3007	4	ROCKER ARM SUPPORT
17	U-3014	4	ROCKER ARM SUPPORT STUD
18	U-4013	4	COPPER WASHER
19	910123	8	3/8"-24 NUT
20	U-3008	1	ROCKER ARM SHAFT
21	U-3035	2	ROCKER SHAFT PLUG
22	U-3009	2	ROCKER SHAFT WASHER
23	U-3010	1	ROCKER SHAFT OIL COLLAR
24	U-3091	2	ROCKER COLLAR SPRING
25	U-3092	2	ROCKER COLLAR RETAINER
26	U-3011	2	ROCKER SPACER SPRING
27	206861	1	ROCKER SHAFT OIL TUBE ASSY.- INCLUDES ITEMS 28 AND 29
28	910126	1	#68F Conn. 3/16" x 1/8"
29	910129	1	#69F ELBOW 3/16" x 1/8"
30	U-3902	1	CYLINDER HEAD OIL TUBE
31	910129	1	#69F ELBOW 3/16" x 1/8"
32	U-3076	1	WATER MANIFOLD
33	U-3077	2	WATER MANIFOLD GASKET
34	U-2890	4	SPARK PLUG
35	U-3155	1	CYLINDER HEAD COVER
36	U-3196	1	BREATHER CAP - COMPLETE
37	U-3006	1	CYL. HD. COVER GASKET
38	204801	8	VALVE STEM SNAP RING
39	205215	4	EXH. VALVE STEM GUIDE
45	E-1692	4	WASHER
46	U-3059	8	VALVE SPRING SEAT



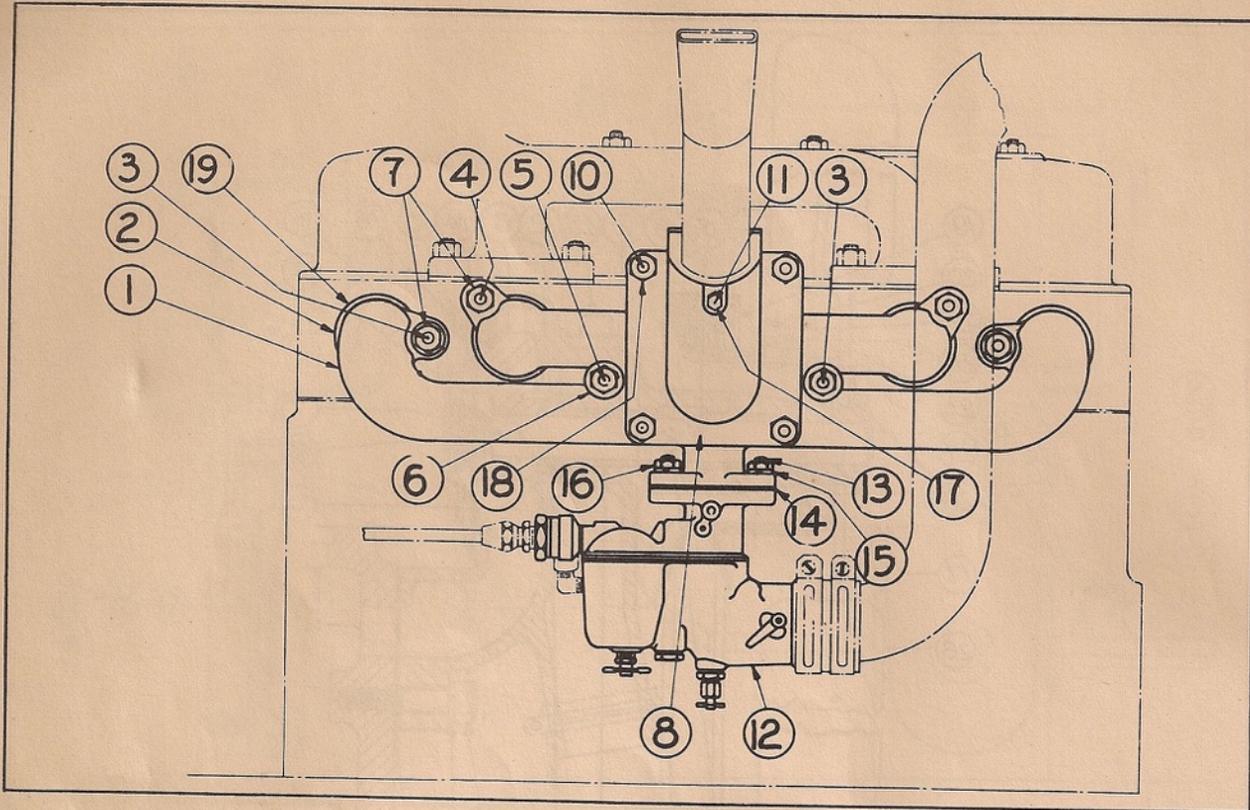
GEAR COVER
(GROUP 280004)

ITEM	PART NUMBER	QTY.	NAME
1	U-3053	1	GEAR COVER
2	903633	4	3/8" x 1-3/4" CAPSCREW
3	904281	1	3/8" x 2-1/4" CAPSCREW
4	906695	1	3/8" x 3-1/4" CAPSCREW
5	900367	2	3/8" 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	208817	1	GOVERNOR CONTROL LEVER
12	901357	1	#0 x 3/4" STD. TAPER PIN
13	208830	1	GOVERNOR SPEED CONTROL LEVER
14	205807	1	CAMSHAFT THRUST SCREW COMPLETE - INCLUDES ITEM 15
15	910124	1	5/8" PLAIN NUT
19	U-1852	1	3/8" x 2-3/4" STUD
20	208564	1	LEATHER WASHER
21	208566	2	SPECIAL WASHER
22	208662	1	SPRING



WATER PUMP AND FAN
(GROUP 280012)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	U-3184	1	WATER PUMP COMPLETE - INCLUDES ITEMS 2 THRU 23
2	U-3055	1	PUMP BODY
3	U-3124	1	BODY BUSHING
4	U-3143	1	BODY BUSHING
5	207122	1	PUMP SHAFT
6	U-3057	1	IMPELLER
7	910192	1	3/16" x 1-1/4" GROOVE PIN
8	U-3125	1	IMPELLER SPRING
9	U-3126	1	IMPELLER SPRING RETAINER
10	U-3146	1	THRUST WASHER
11	U-3123	1	THRUST WASHER RING
12	U-3063	1	THRUST WASHER DRIVE PIN
13	U-3147	1	BODY COVER
14	U-3127	1	BODY COVER GASKET
15	901164	5	1/4" x 3/8" Rd. Hd. MACHINE SCREW
16	904204	5	1/4" LOCKWASHER
17	207123	1	FAN HUB
18	U-3133	1	PULLEY
19	U-3156	1	COLLAR
20	U-3141	2	LOCKSCREW
21	900365	2	1/4" NUT
22	U-3135	2	LOCKSCREW WASHER
23	904204	2	1/4" LOCKWASHER
24	910261	1	1/8" LUBRICATOR FITTING
25	901653	1	3/8" SOLID PIPE PLUG
26	U-3064	1	FAN BLADE
27	903626	4	5/16" x 3/4" CAPSCREW
28	904205	4	5/16" LOCKWASHER
29	U-3073	1	FAN BELT - WITHOUT ELECTRIC LIGHTS AND STARTER
30	208215	1	FAN BELT - WITH ELECTRIC LIGHTS AND STARTER
31	U-3061	1	GASKET
31	910245	3	3/8" x 1-3/8" CAPSCREW
32	904206	3	3/8" LOCKWASHER

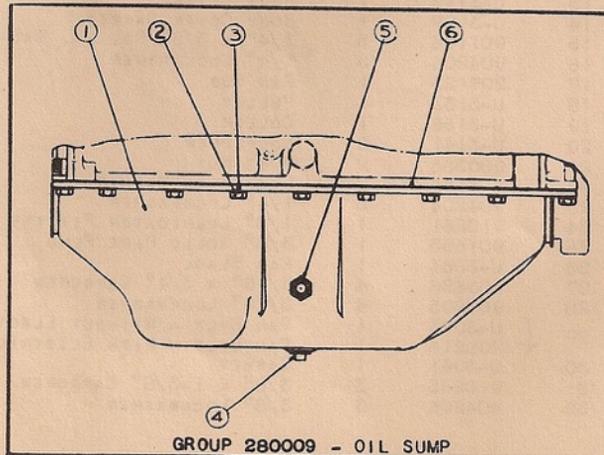


MANIFOLD AND CARBURETOR
 (GROUP 280985 KEROSENE)
 (GROUP 280988 GASOLINE)

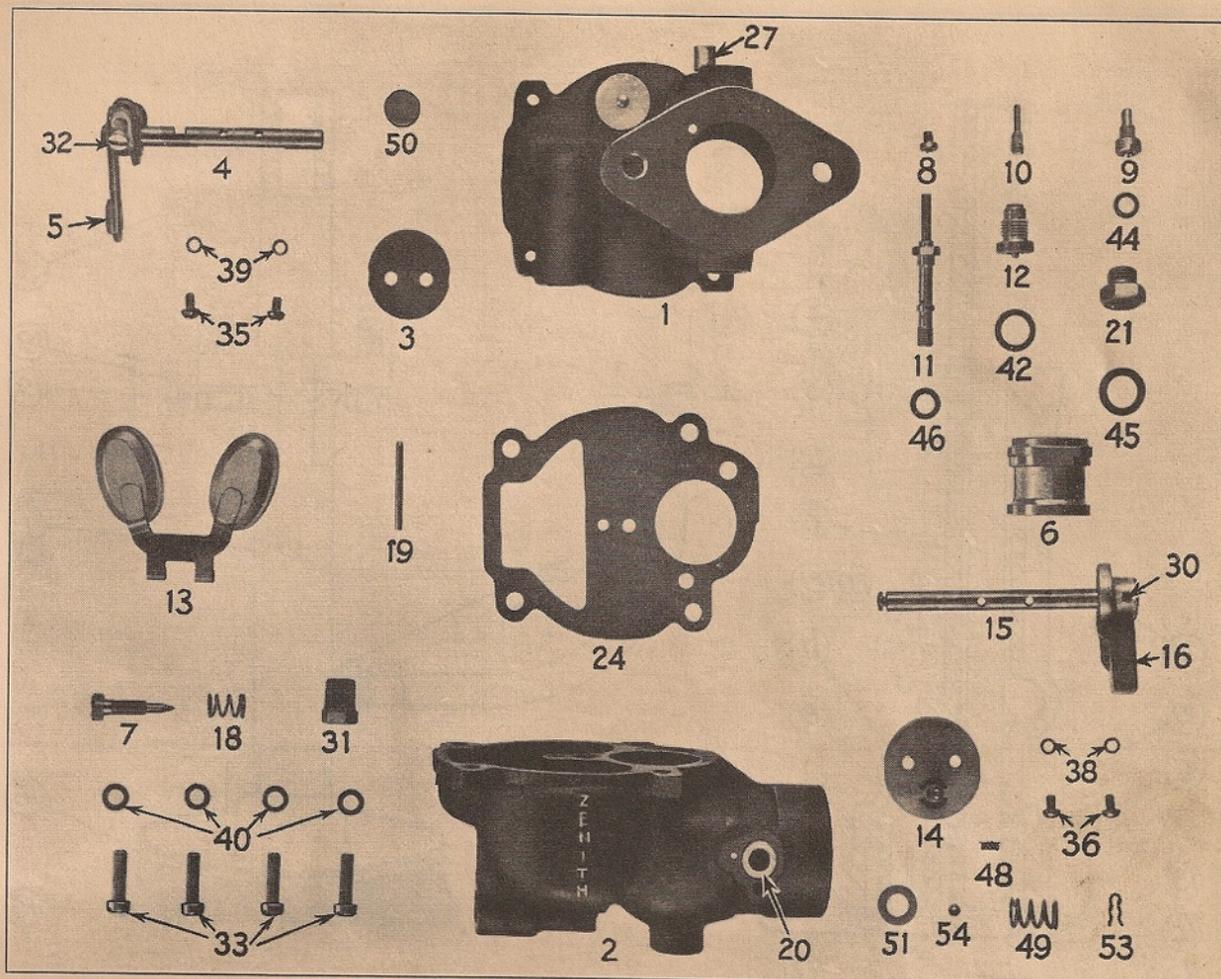
ITEM	PART NUMBER	QTY.	NAME
1	U-3068	1	INLET AND EXHAUST MANIFOLD
2	U-3162	6	INLET AND EXHAUST MANIFOLD GASKET
3	U-3161	2	MANIFOLD STUD SPACER
4	U-3160	2	3/8" x 3-1/2" MANIFOLD STUD
5	U-3072	4	3/8" x 4-3/8" MANIFOLD STUD
6	900317	4	3/8" CUT WASHER
7	U-3441	6	3/8" BRONZE HEX NUT
8	U-3179	1	EXHAUST MANIFOLD COVER - LOW GRADE FUEL
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" CAPSCREW
12	208201	1	ZENITH CARBURETOR - COMPLETE
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" NUT
17	904205	1	5/16" LOCKWASHER
18	U-3441	4	3/8" BRONZE NUT
19	U-3163	6	INLET EXHAUST MANIFOLD GASKET RETAINER
-	208256	1	GASKET SET

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

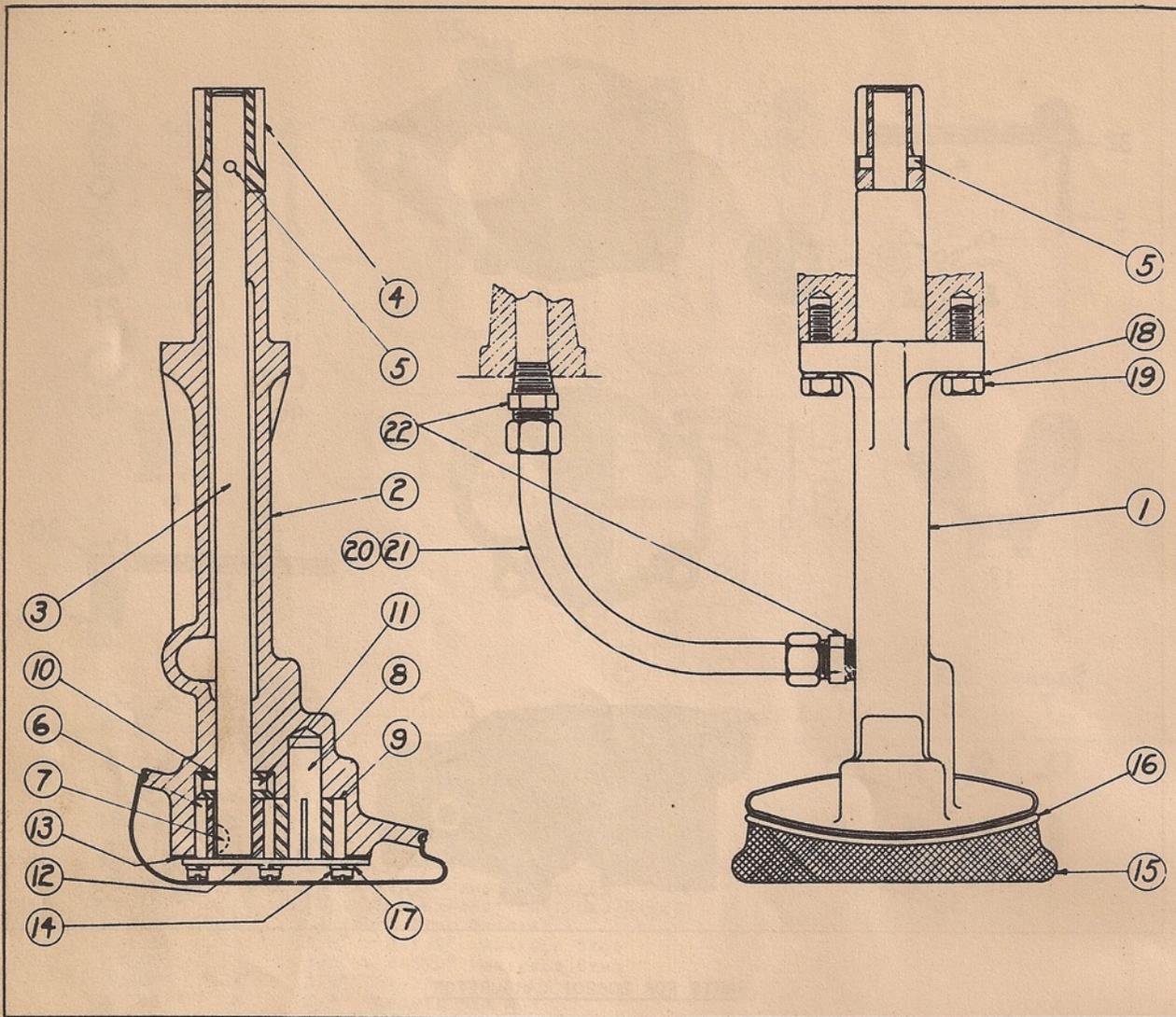


GROUP 280009 - OIL SUMP



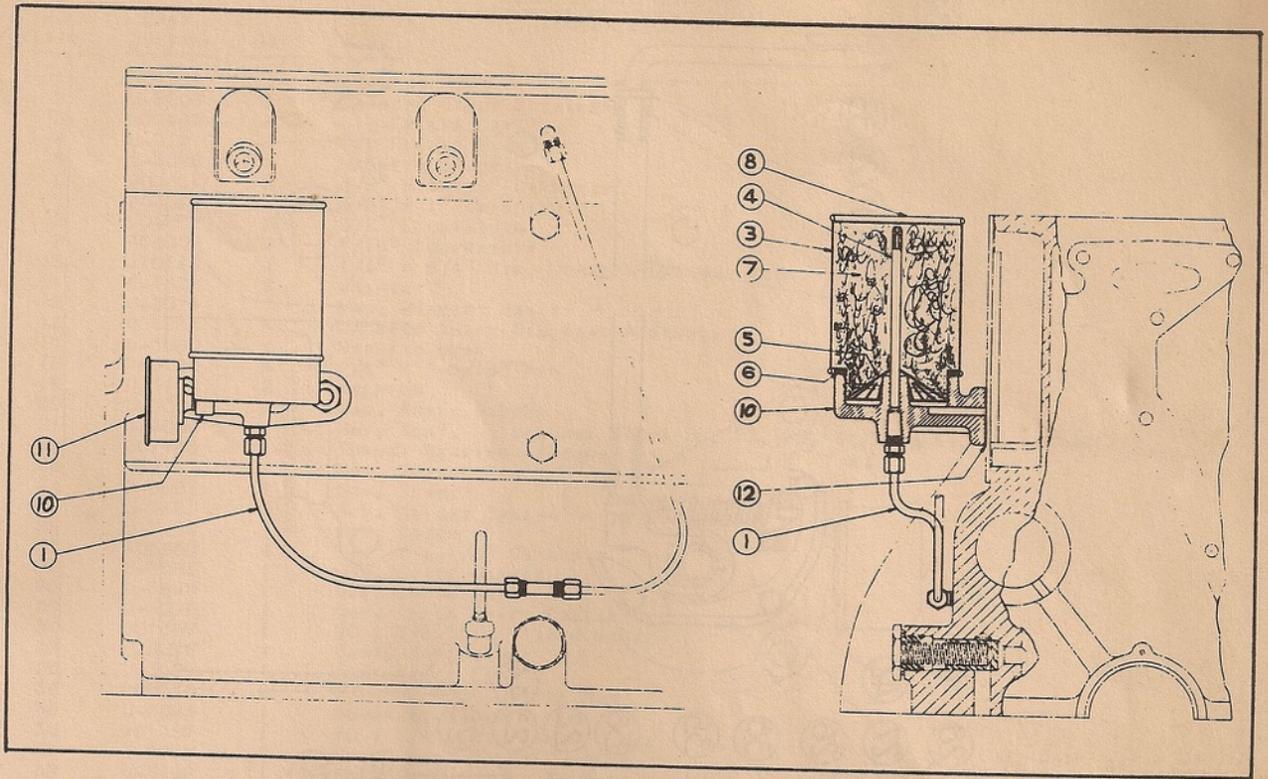
PARTS FOR 208201 CARBURETOR

ITEM	PART NUMBER	NAME	ITEM	PART NUMBER	NAME
1	B2-62D	THROTTLE BODY ASSEMBLY	29	CT57-4	PACKING WASHER
2	B3-39C	FUEL BOWL ASSEMBLY	30	CT63-2	TAPER PIN
3	C21-47	THROTTLE PLATE	31	CT91-3	DRAIN PLUG
4	C23-101	THROTTLE SHAFT	32	T158-10	THROTTLE STOP SCREW
5	CR27-47-1	THROTTLE LEVER ASSEMBLY	33	T1510-10	BOWL TO BODY SCREW
6	C38-21	VENTURI (SPECIFY SIZE 18)	34	T8510-9	THROTTLE LEVER CLAMP SCREW
7	C46-25	IDLE ADJUSTING SCREW	35	T1585-3	THROTTLE PLATE SCREW
8	C52-2	WELL VENT (SPECIFY SIZE)	36	T1585-3	AIR SHUTTER SCREW
9	C52-6-1	MAIN JET (SPECIFY SIZE 28)	37	T2258	SHAFT NUT (NOT ILLUSTRATED)
10	C55-6	IDLING JET (SPECIFY SIZE 16)	38	T41-5	AIR SHUTTER SCREW LOCKWASHER
11	C66-26-2	MAIN DISCHARGE JET (SPECIFY SIZE 50)	39	T41-5	THROTTLE PLATE SCREW L. WASHER
12	C81-17	FUEL VALVE ASSEMBLY (SPECIFY SIZE 35)	40	T41-10	BOWL TO BODY SCREW LOCKWASHER
13	C85-28	FLOAT ASSEMBLY	41	T45-8	SHAFT NUT LOCKWASHER
14	C101-17	AIR SHUTTER ASSEMBLY	42	T56-20	FUEL VALVE WASHER
15	C105-38	AIR SHUTTER SHAFT	43	T56-23	SHAFT HOLE PLUG WASHER
16	CR106-14	AIR SHUTTER LEVER	44	T56-24	MAIN JET WASHER
17	C109-2	AIR SHUTTER BRACKET	45	T56-25	LOWER PLUG WASHER
18	C111-9	IDLE ADJUSTING SCREW SPRING	46	T56-60	MAIN DISCHARGE JET WASHER
19	C120-4	FLOAT AXLE	47	T73-9	FLOAT BRACKET PIN
20	C131-4x2	PACKING CAP	48	C111-45	RATCHET SPRING
21	C138-23	LOWER PLUG	49	C111-63	AIR SHUTTER SPRING
22	C138-24	SHAFT HOLE PLUG	50	CR37-1x1	THROTTLE SHAFT HOLE PLUG
23	C140-2	BRACKET SCREW	51	CT52-8	SPRING WASHER
24	C142-16	BOWL TO BODY GASKET	52	CT57-9	AIR SHUTTER PACKING (NOT ILL.)
25	CR28-22	THROTTLE STOP LEVER	53	CT62-1	COTTER PIN
26	CR88-8	FLOAT BRACKET	54	T81-5	RATCHET BALL
27	CR121-21	THROTTLE STOP PIN		C71-21	MAIN JET ADJUSTMENT (NOT ILL.)
28	CR134-1	AIR SHUTTER SWIVEL		CT150-1	DRAIN VALVE (NOT ILLUSTRATED)



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-3182	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"

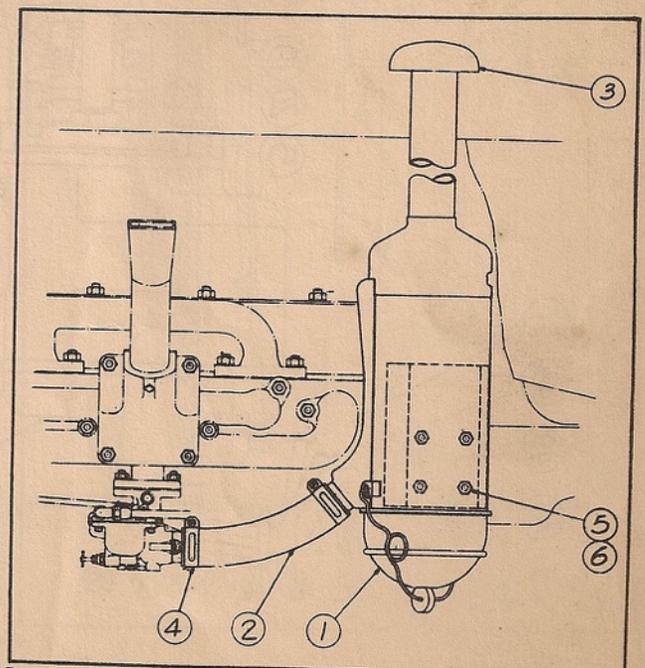


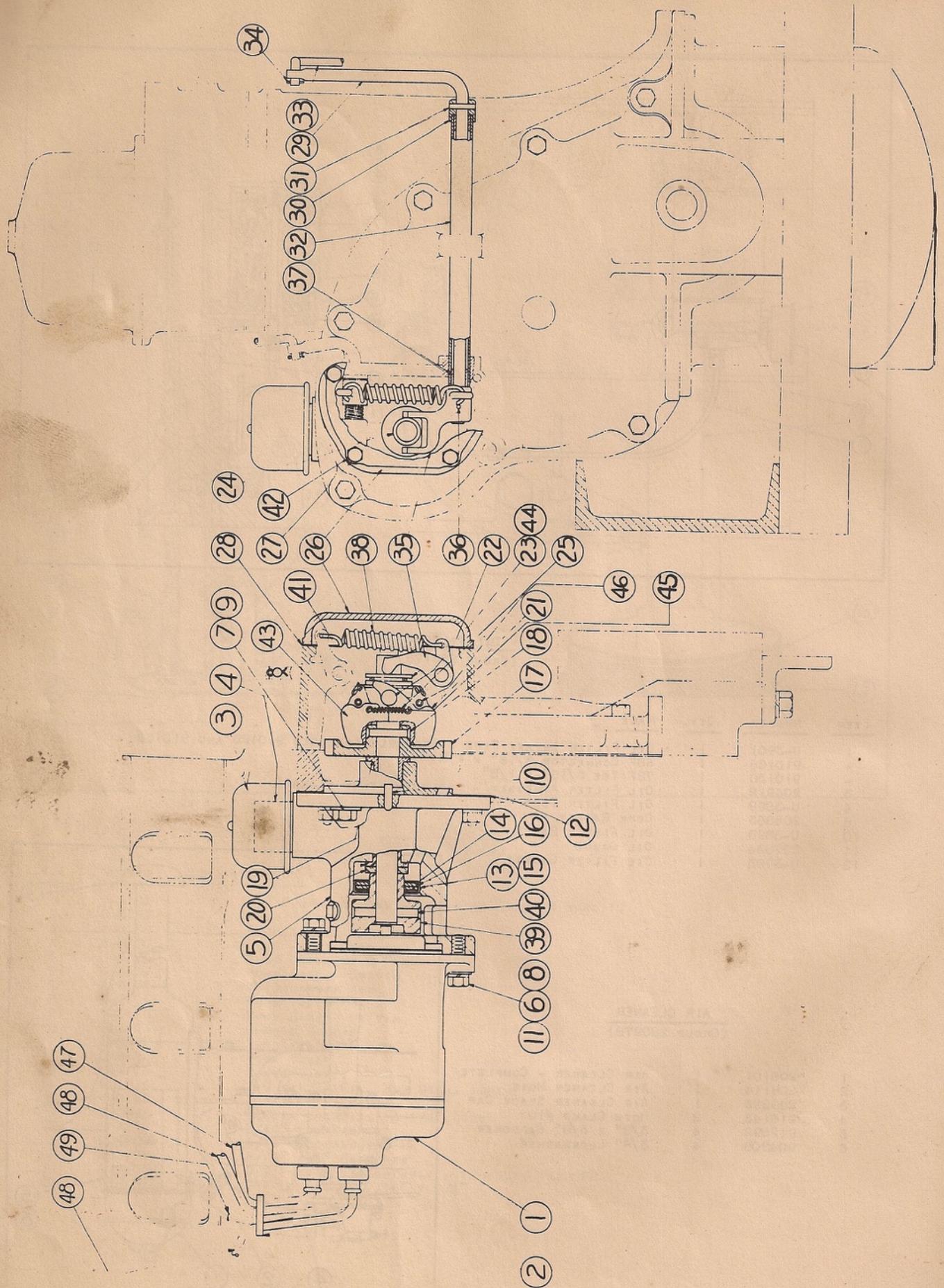
OIL FILTER
(GROUP 280178)

ITEM	PART NUMBER	QTY.	NAME
1	U-3901	1	OIL FILTER INTAKE PIPE - ASSEMBLY INCLUDES 910126 AND 910130
-	910126	1	68F CONNECTOR 3/16" x 1/8"
-	910130	1	72F TEE 3/16" x 1/8"
3	204912	1	OIL FILTER ASSEMBLY - INCLUDES ITEMS 4 AND 6
4	U-3899	1	OIL FILTER TUBE
6	204863	1	CORK GASKET
10	U-3898	1	OIL FILTER BASE
11	207834	1	OIL GAUGE
12	U-3903	1	OIL FILTER GASKET

AIR CLEANER
(GROUP 280978)

1	208101	1	AIR CLEANER - COMPLETE
2	208114	1	AIR CLEANER HOSE
3	208222	1	AIR CLEANER STACK CAP
4	910143	2	HOSE CLAMP #10
5	912592	4	3/8" x 5/8" CAPSCREW
6	904206	4	3/8" LOCKWASHER



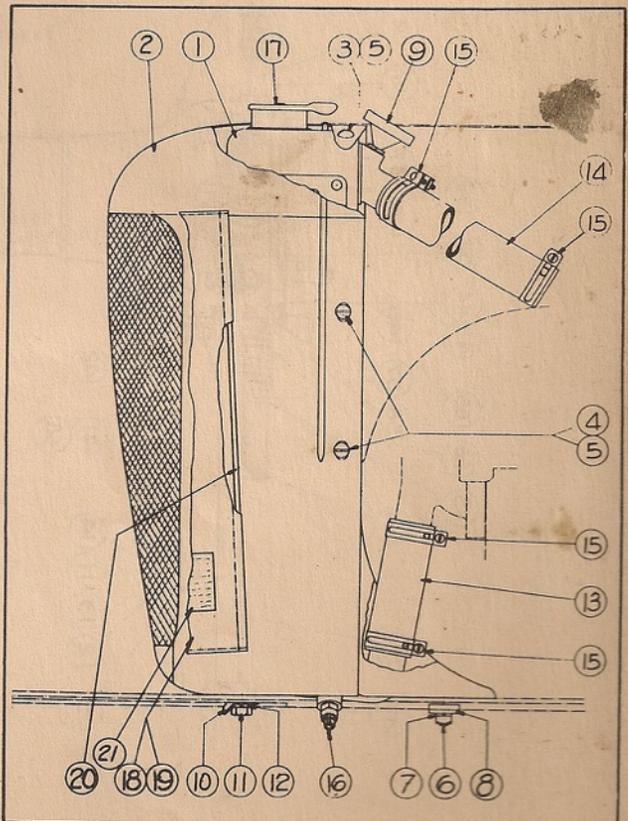


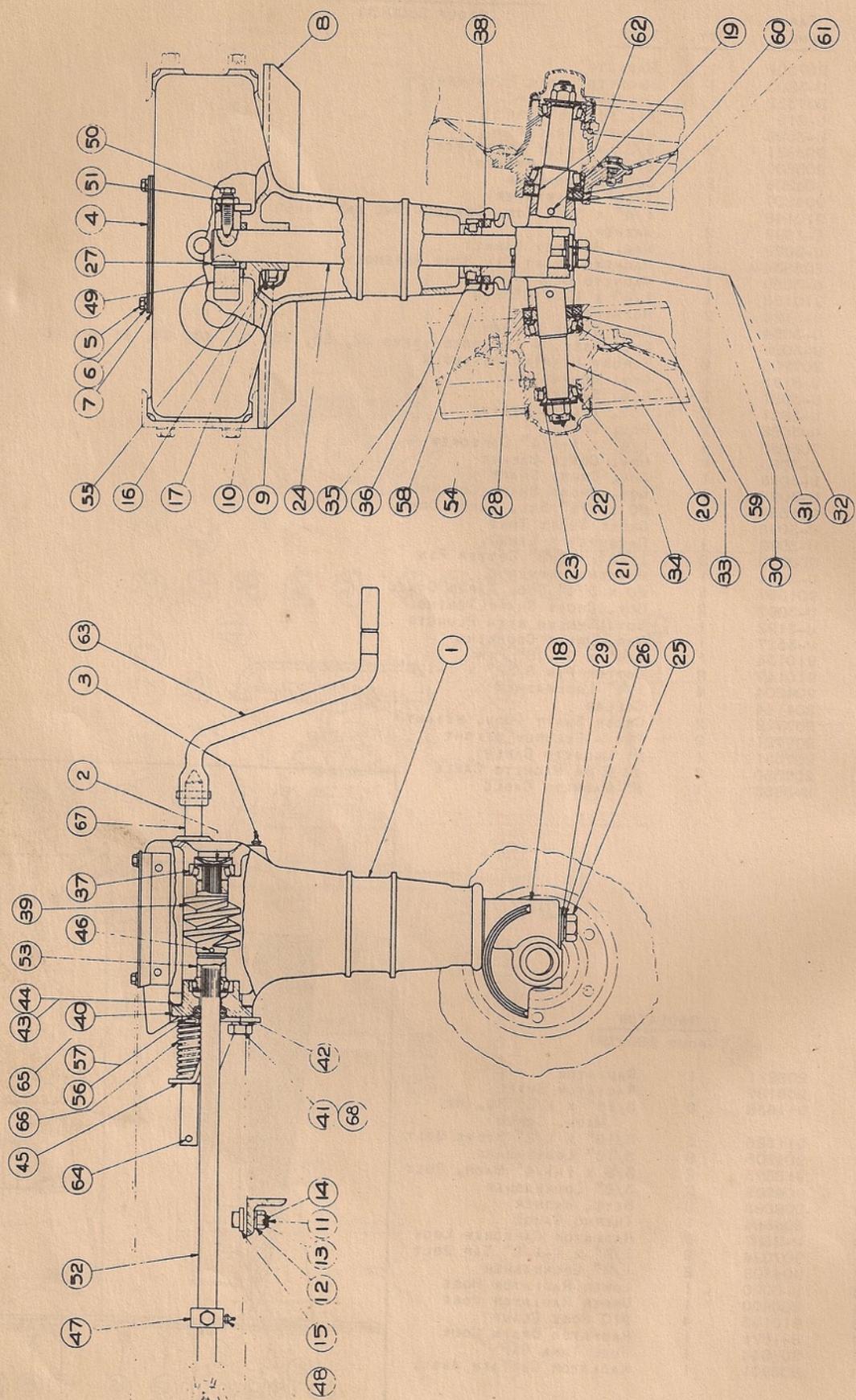
MAGNETO AND GOVERNOR
(GROUP 280013)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	207501	1	MAGNETO
2	U-3203	1	MAGNETO CABLE RETAINER
3	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" CAPSCREW
7	903630	1	3/8" x 1" CAPSCREW
8	904206	2	3/8" LOCKWASHER
9	904207	1	7/16" LOCKWASHER
10	910146	1	1/4" x 3/4" STR. DOWEL - ONE END ROUND
11	E-1692	2	WASHER
12	U-3079	1	MAG. BRACKET GASKET
13	205834	1	MAGNETO SHAFT OIL SEAL ASSEMBLY
17	U-3080	1	MAGNETO GEAR
18	910188	1	1/4" x 1-5/16" PIN
19	U-3124	2	BUSHING
20	U-3084	1	MAG. SHAFT WASHER
21	U-3086	1	GOV. ASSY. - INCLUDES ITEMS 22, 23, 25, 41, 43, 44, 45 AND 46
22	207723	1	THRUST BEARING ASSEMBLY
23	U-3193	1	GOV. WEIGHT PIN
24	U-3081	1	GOV. SHAFT
25	U-3621	2	GOV. WEIGHT SPRING
26	U-3082	1	GOV. COVER
27	905658	4	1/4" x 1-1/4" CAPSCREW
28	U-3083	1	GOV. COVER GASKET
29	U-3095	1	GOV. CROSS SHAFT
30	U-3098	1	GOV. CROSS SHAFT COLLAR
31	901357	1	#0 x 3/4" STD. TAPER DOWEL
32	U-3096	1	CROSS SHAFT TUBE
33	U-3099	1	CARBURETOR LINK
34	900970	2	1/16" x 1/2" COTTER PIN
35	U-3094	1	GOVERNOR LEVER
36	901357	1	#0 x 3/4" STD. TAPER DOWEL
37	U-3097	2	GOV. CROSS SHAFT TUBING
38	U-3192	1	GOV. SPRING WITH PLUNGER
39	U-3527	1	MAG. DRIVE COUPLING
40	910134	1	1/4" x 2-1/8" PIN
41	910147	2	COTTER PIN 3/32" x 1-1/8"
42	904204	4	1/4" LOCKWASHER
44	204144	1	COLLAR
45	207722	2	CROSS SHAFT (GOV. WEIGHT)
46	207721	2	PIN - FULCRUM WEIGHT
47	207551	1	#1 MAGNETO CABLE
48	207550	2	#2 & #4 MAGNETO CABLE
49	U-3653	1	#3 MAGNETO CABLE

RADIATOR
(GROUP 280979)

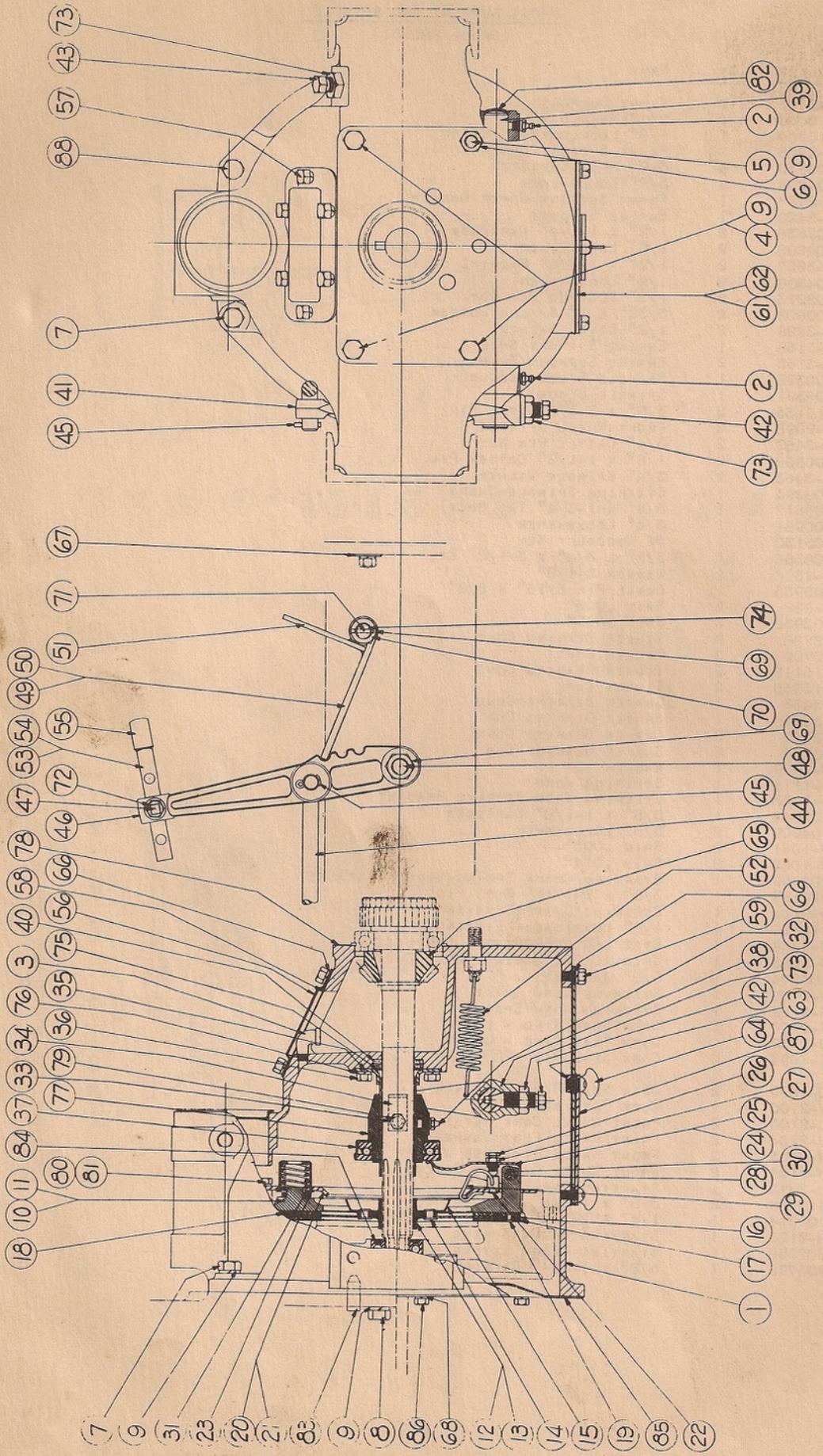
1	208211	1	RADIATOR
2	208187	1	RADIATOR SHELL
3	911638	2	5/16" x 1/2" RD. HD. MACH. SCREW
4	911526	6	5/16" x 1/2" STOVE BOLT
5	904205	8	5/16" LOCKWASHER
6	910575	2	3/8 x 1-1/4" MACH. BOLT
7	904206	2	3/8" LOCKWASHER
8	208283	2	BEVEL WASHER
9	208684	1	THERMO GAUGE
10	U-2887	2	RADIATOR CAPSCREW LOCK
11	907094	2	1/2" x 1-1/8" TAP BOLT
12	904208	2	1/2" LOCKWASHER
13	U-3090	1	LOWER RADIATOR HOSE
14	205800	1	UPPER RADIATOR HOSE
15	910143	4	#10 HOSE CLAMP
16	U-1671	1	RADIATOR DRAIN COCK
17	207244	1	FUEL TANK CAP
18	208901	1	RADIATOR CURTAIN ASSY.





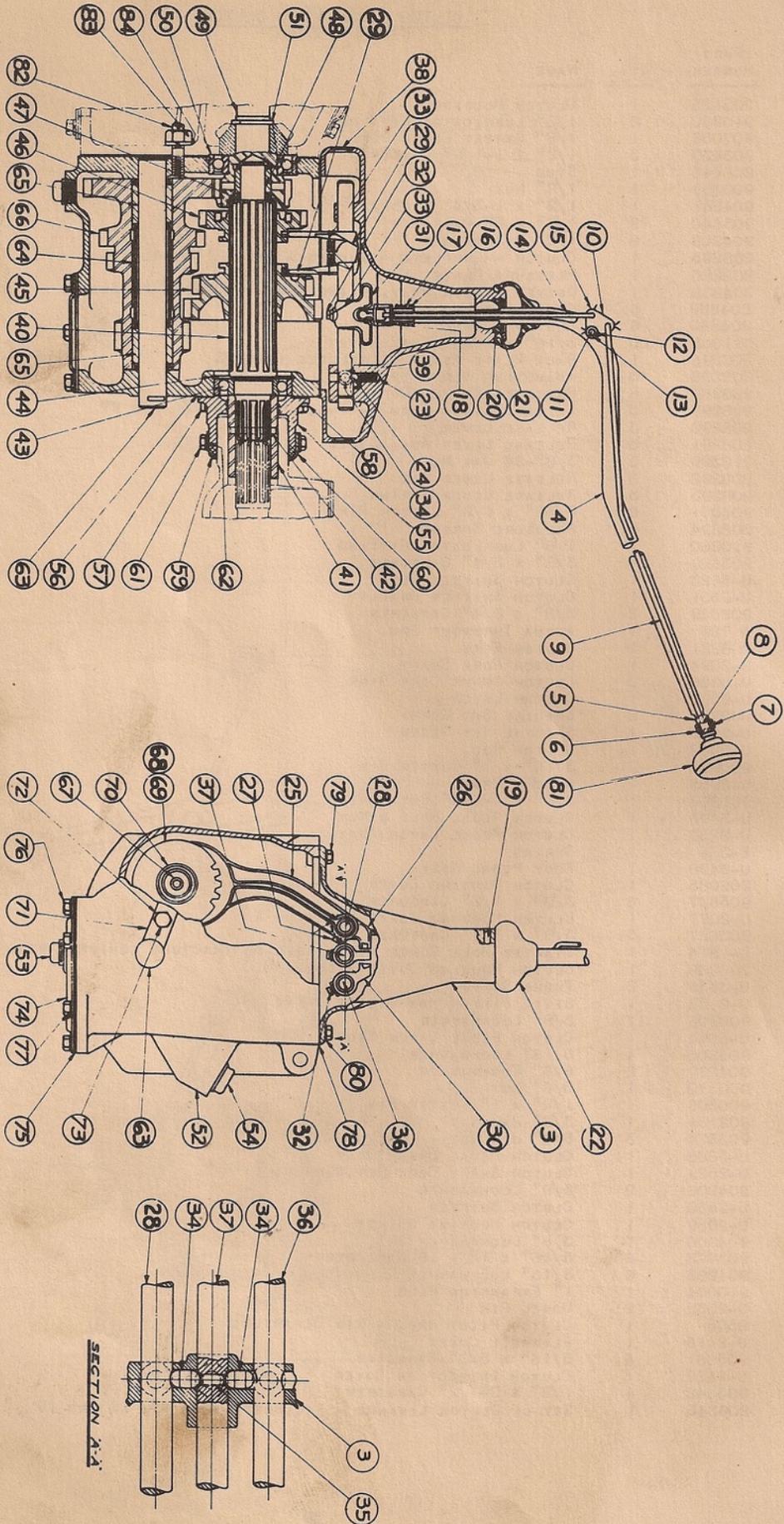
FRONT SUPPORT AND SPINDLE
(GROUP 280131)

<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	910260	1	1/8" LUBRICATOR 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
-	208392	1	SPINDLE BLOCK ASSEMBLY
18	208391	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" COTTER PIN
23	U-3463	2	3/4" SPINDLE WASHER
24	208393	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	208364	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	SHAFFER BEARING CONE
36	33454	1	SHAFFER BEARING CUP
37	{ 23700	2	SHAFFER BEARING CONE
	{ 23704	2	SHAFFER 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	910260	1	1/8" LUBRICATOR 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	903792	1	5/8" x 1-3/4" CAPSCREW



CLUTCH HOUSING AND CLUTCH
(GROUP 280980)

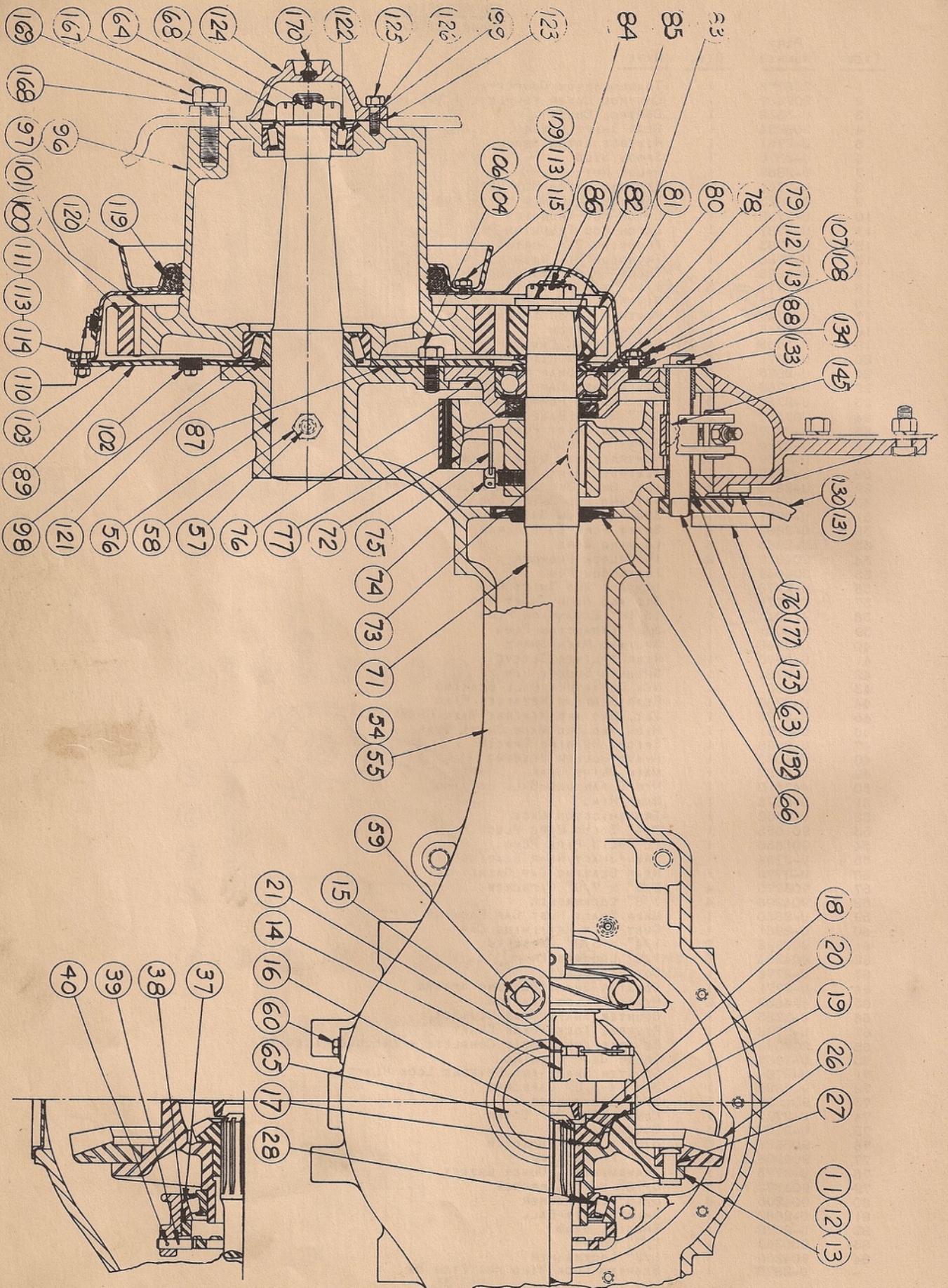
<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	208125	1	CLUTCH HOUSING
2	910260	2	1/8" LUBRICATOR FITTING
3	907059	1	1/8" STREET ELBOW 90°
4	903639	3	1/2" x 1-1/2" CAPSCREW
5	208448	1	STUD
6	900369	1	1/2" NUT
7	904541	1	1/2" x 1-3/4" CAPSCREW
8	903640	2	1/2" x 2" CAPSCREW
9	904208	8	1/2" LOCKWASHER
10	208295	1	CLUTCH - COMPLETE - INCLUDES ITEMS 11 THRU 19
11	208286	1	PRESSURE PLATE
12	204838	1	DRIVEN MEMBER ASSY. - INCLUDES ITEMS 17, 18 AND 19
17	204839	6	CLUTCH FACING
18	204840	6	CLUTCH FACING
19	911005	20	3/16" x 5/16" TUB. RIVET
20	208296	1	BACK PLATE ASSY. - INCLUDES ITEM 22
22	208288	3	ADJUSTING SCREW SEAT
23	208289	6	PRESSURE SPRING CUP
24	208297	3	RELEASE LEVER ASSY. - INCL ITEMS 25, 26 AND 27
25	208290	3	RELEASE LEVER
26	208291	3	RELEASE LEVER ADJ. SCREW
27	910329	3	3/8"-24 JAM NUT
28	208292	3	RELEASE LEVER PIN
29	208293	3	RELEASE LEVER SPRING
30	904001	6	3/32" x 1/2" COTTER PIN
31	208294	6	PRESSURE SPRING
32	910260	1	1/8" LUBRICATOR FITTING
33	903629	1	3/8" x 3/4" CAPSCREW
34	U-3623	1	CLUTCH SHIFTER CLIP
35	U-2531	1	CLUTCH SHIFTER BRACKET
36	903629	2	3/8" x 3/4" CAPSCREW
37	A 729	1	AETNA THROWOUT BRG.
38	208221	1	CLUTCH FORK
39	U-2094	1	CLUTCH FORK SHAFT
40	U-2086	2	CLUTCH SHAFT CORK RING
41	U-2093	1	CLUTCH LEVER
42	U-2265	2	SPECIAL SET SCREW
43	U-2085	1	SPECIAL SET SCREW
44	U-2262	1	CLUTCH ROD
45	900938	2	3/16" x 1" COTTER PIN
46	U-2253	1	CLUTCH PEDAL
47	901279	1	3/8" x 1-1/4" SET SCREW
48	U-3496	1	CLUTCH PEDAL BOLT & NUT
49	U-2256	1	CLUTCH PEDAL LATCH ASSY.
52	E-394	1	SPRING
53	U-3498	1	FOOT PEDAL ASSY.
56	208085	1	CLUTCH HOUSING COVER
57	903627	6	3/8" x 1/2" CAPSCREW
58	U-2077	1	CLUTCH HOUSING COVER GASKET
59	903627	5	3/8" x 1/2" CAPSCREW
60	U-1814	1	STARTER HOLE COVER - NOT USED ON TRACTORS EQUIPPED WITH STARTER
61	208208	1	CLUTCH HOUSING COVER ASSY.
64	U-3435	2	THUMB SCREW
65	U-2128	1	BEVEL PINION FOR PULLEY DRIVE
66	904206	1	3/8" LOCKWASHER
67	U-3673	1	CLUTCH PEDAL LATCH STOP
68	904205	4	5/16" LOCKWASHER
69	904209	2	5/8" LOCKWASHER
70	900370	1	5/8" NUT
71	900806	1	1/8" x 1" COTTER PIN
72	902161	1	3/8" JAM NUT
73	903574	3	5/8" JAM NUT
74	U-3808	1	CLUTCH PEDAL LATCH BOLT
75	U-2529	1	CLUTCH SHAFT CORK RET. WASHER
76	904206	2	3/8" LOCKWASHER
77	U-2530	1	CLUTCH SHIFTER
78	U-2089	1	CLUTCH HOUSING GASKET
79	904206	1	3/8" LOCKWASHER
80	903772	6	5/16" x 1" - 18 CAPSCREW
81	904205	6	5/16" LOCKWASHER
82	910004	1	1" EXPANSION PLUG
83	U-2532	2	DOWEL PIN
84	8505	1	CLUTCH PILOT BRG. - NEW DEPARTURE
85	U-2416	1	FLYWHEEL COVER
86	905661	4	5/16" x 5/8" CAPSCREW
87	U-2422	1	CLUTCH INSPECTION COVER
88	903642	1	1/2" x 2-1/2" CAPSCREW
-	208345	1	SET OF CLUTCH LININGS - INCLUDES ITEMS 17, 18 AND 19

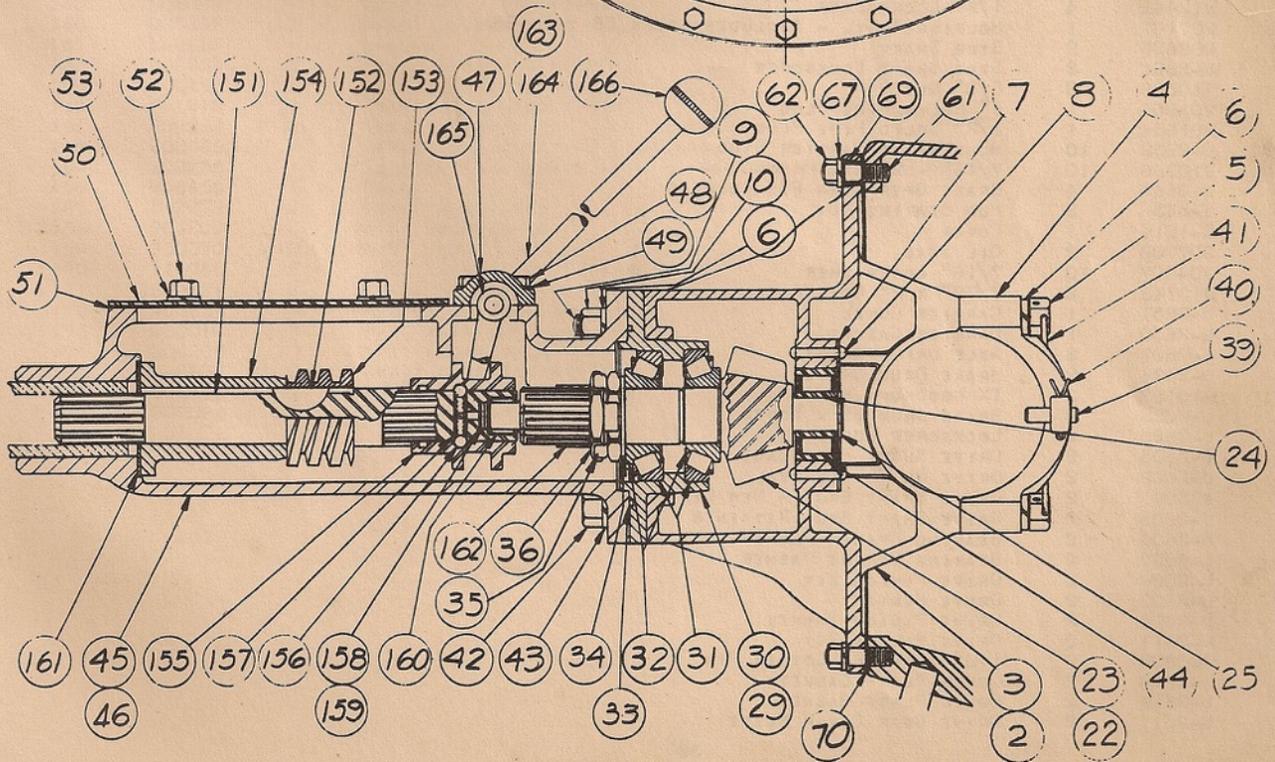
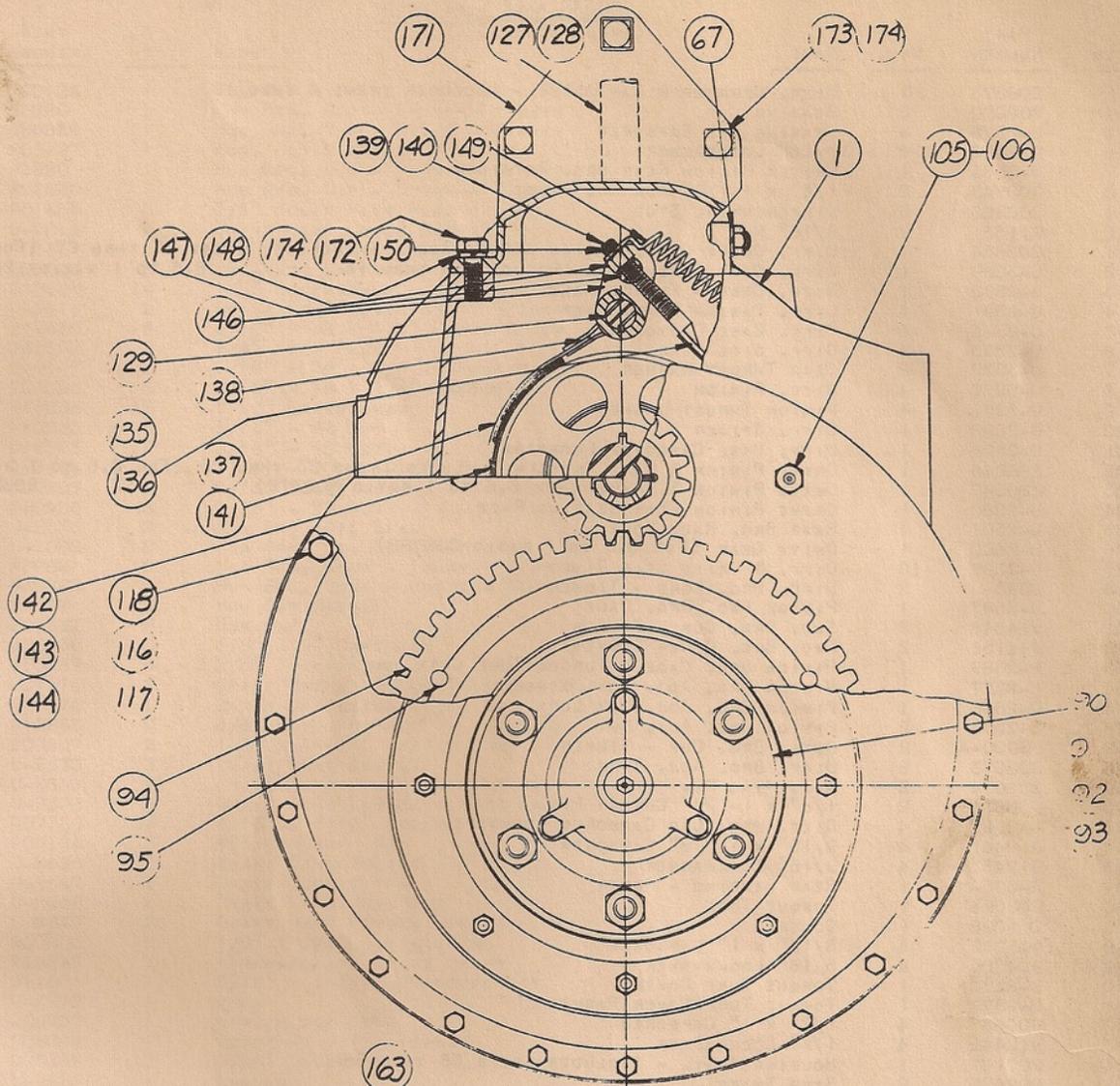


TRANSMISSION
(GROUP 281107)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	208776	1	TRANSMISSION COMPLETE
2	207469	1	CONTROL COVER COMPLETE - INCLUDES ITEMS 3 THRU 39
3	U-3532	1	CONTROL COVER
4	208824	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	208825	1	LONG SHIFT LEVER LATCH ROD
10	U-2738	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	208826	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" 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" 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 ITEM 70
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" 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" CAPSCREW
77	904206	6	3/8" LOCKWASHER
78	U-2773	1	TRANSMISSION COVER GASKET
79	903772	6	5/16" x 1" 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" NUT
84	904208	1	1/2" LOCKWASHER
-	U-2877	1	BEARING LOCK RING FOR ITEM 50

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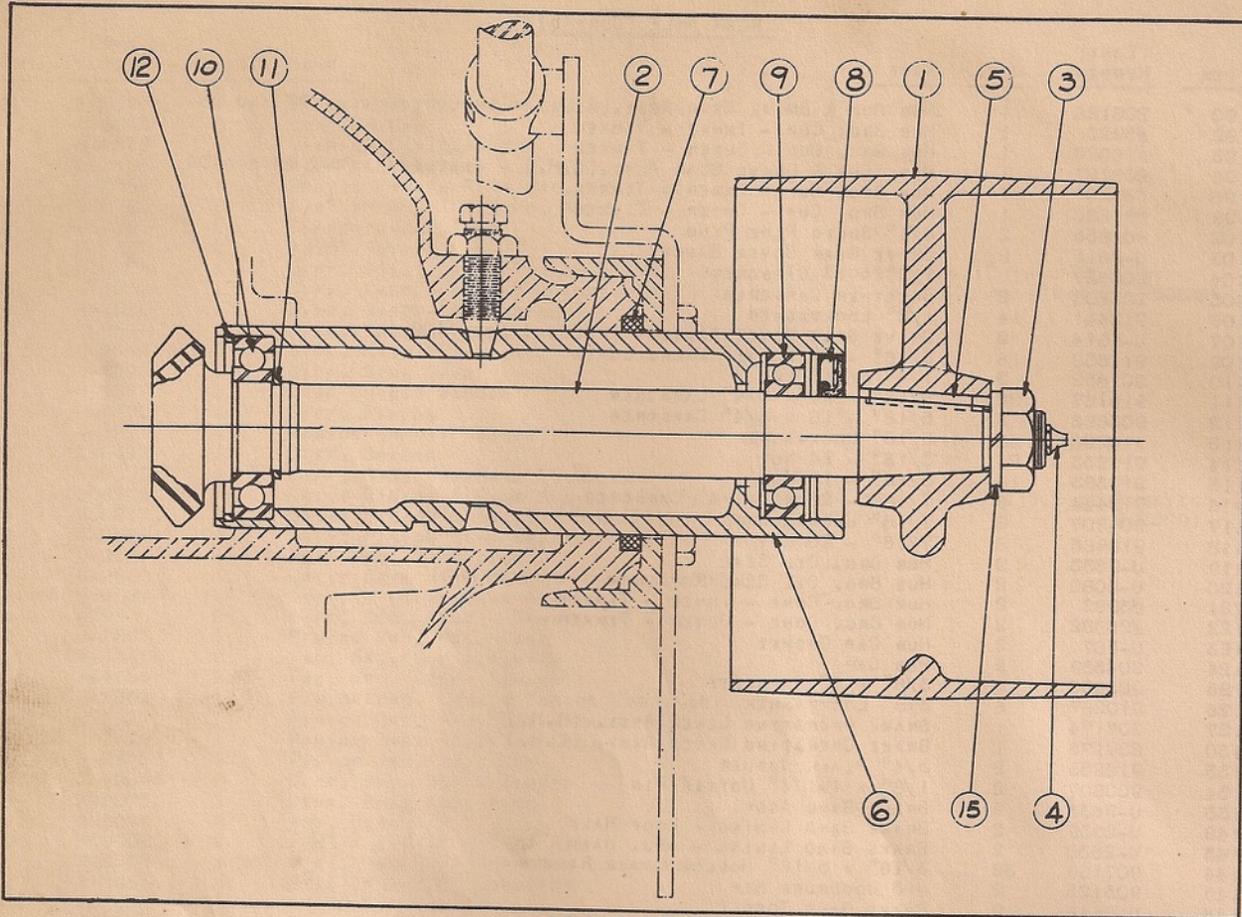


REAR AXLE
(GROUP 280991)

ITEM	PART NUMBER	QTY.	NAME
2	203373	1	DIFF. CARRIER & CAP ASSY. - INCLUDES ITEMS 4 THRU 10
4	208070	2	BEARING CAP
5	U-2578	4	BEARING CAP CAPSCREW
6	912433	6	9/16" LOCKWASHER
7	U-2565	1	DRIVEN PINION REAR BRG. RETAINER
8	900743	2	1/4" x 1-1/2" PAN HD. RIVET
9	208260	2	DIFFERENTIAL STUD
10	911331	2	9/16" NUT
11	208654	1	DIFF. DRIVE GEAR, PINION & CASE ASSY. - INCLUDES ITEMS 12 THRU 27 (FOR
12	U-3269	1	DIFF. CASE ASSEMBLY - INCLUDES 13 THRU 15 6.6 TO 1 RATIO- 208653)
13	U-2590	1	DIFF. CASE - FLANGE HALF
14	U-2591	1	DIFF. CASE - PLAIN HALF
15	U-2582	3	DIFF. CASE CAPSCREW
16	U-2593	2	DIFF. SIDE GEAR
17	U-3272	2	GEAR THRUST WASHER
18	U-3270	4	DIFF. PINION
19	U-3271	4	PINION THRUST WASHER
20	U-2592	1	DIFF. SPIDER
21	U-2595	1	DIFF. CASE CAPSCREW LOCKWIRE
22	208246	1	DRIVE PINION & RACE ASSY. - INCLUDES ITEMS 23 THRU 25 (FOR 6.6 TO 1 RATIO
23	208247	1	DRIVE PINION & SHAFT (FOR 6.6 TO 1 RATIO 208372) 208370)
24	U-2580	1	DRIVE PINION REAR BEARING RACE
25	U-2581	1	REAR BRG. RACE LOCK
26	U-2600	1	DRIVE GEAR (FOR 6.6 TO 1 RATIO 205788)
27	U-2597	12	DIFF. & DRIVE GEAR RIVET
28	#395	2	DIFF. BRG. CONE - TIMKEN
30	U-2567	1	PINION FWD. BRG. CAGE
31	#44348	2	FWD. BRG. CUP - TIMKEN
32	#44156	2	FWD. BRG. CONE - TIMKEN
33	U-2569	1	PINION BRG. CAGE & TORQUE TUBE CORK
34	U-2577	1	PINION BRG. ADJ. NUT WASHER
35	U-2576	1	PINION BRG. ADJ. NUT LOCK
36	U-2575	2	PINION BRG. ADJ. NUT
37	#3920-A	2	DIFF. BRG. CUP - TIMKEN
38	208073	2	DIFF. BRG. ADJ. RING
39	208074	2	ADJ. RING PIN
40	900308	2	1/8" x 1-1/2" COTTER PIN
41	U-2588	4	DIFF. BRG. CAP CAPSCREW LOCKWIRE
42	912461	4	9/16" x 1-7/8" CAPSCREW
43	912433	4	9/16" LOCKWASHER
44	B-305-N	1	REAR BEARING - BOWER
46	208094	1	TORQUE TUBE
47	208098	1	COVER
48	903772	4	5/16" x 1" CAPSCREW
49	904205	4	5/16" LOCKWASHER
50	U-2571	1	TORQUE TUBE COVER
51	U-2572	1	TORQUE TUBE COVER GASKET
52	903637	4	1/2" x 1" CAPSCREW
53	912441	4	1/2" LOCKWASHER
54	207187	1	HOUSING ASSY. - INCLUDES ITEMS 56 THRU 66
56	208625	2	STUB SHAFT
57	U-2621	2	STUB SHAFT LOCKSCREW
58	910308	2	5/8" NUT
59	901656	1	1" SOLID PIPE PLUG
60	901654	1	1/2" SOLID PIPE PLUG
61	U-2632	10	HOUSING TO CARRIER STUD
62	910936	10	7/16" - 20 NUT
63	U-2645	4	BRAKE OPERATING PIN BUSHING
64	E-343	2	HUB BEARING NUT
65	U-1814	1	COVER
66	207708	2	OIL SEAL
67	904207	10	7/16" LOCKWASHER
68	910148	2	7/32" x 2" COTTER PIN
69	U-2631	1	CARRIER DOWEL
70	U-2630	1	CARRIER GASKET
71	U-2601	2	AXLE DRIVE SHAFT
72	U-2624	2	BRAKE DRUM WHEEL
73	910157	2	TX WOODRUFF KEY
74	U-2625	2	BRAKE DRUM LOCK SCREW
75	U-2626	2	LOCKSCREW LOCKWIRE
76	U-2603	2	DRIVE SHAFT BRG. CAGE
77	U-2602	2	DRIVE SHAFT OIL SEAL
78	#7309	2	DRIVE SHAFT BRG. - NEW DEPARTURE
79	U-2605	2	DRIVE SHAFT BRG. RETAINER
80	U-2606	2	BEARING SPACER WASHER
81	U-2607	2	BEARING SPRING WASHER
82	U-2609	2	DRIVE PINION KEY
83	U-2608	2	DRIVE PINION
84	U-2610	2	DRIVE PINION WASHER
85	U-2611	2	DRIVE PINION NUT
86	900808	2	1/8" x 1-1/2" COTTER PIN
87	U-2618	2	COVER PLATE GASKET
88	U-2619	2	COVER PLATE GASKET
89	U-2617	2	DRIVE GEAR COVER PLATE

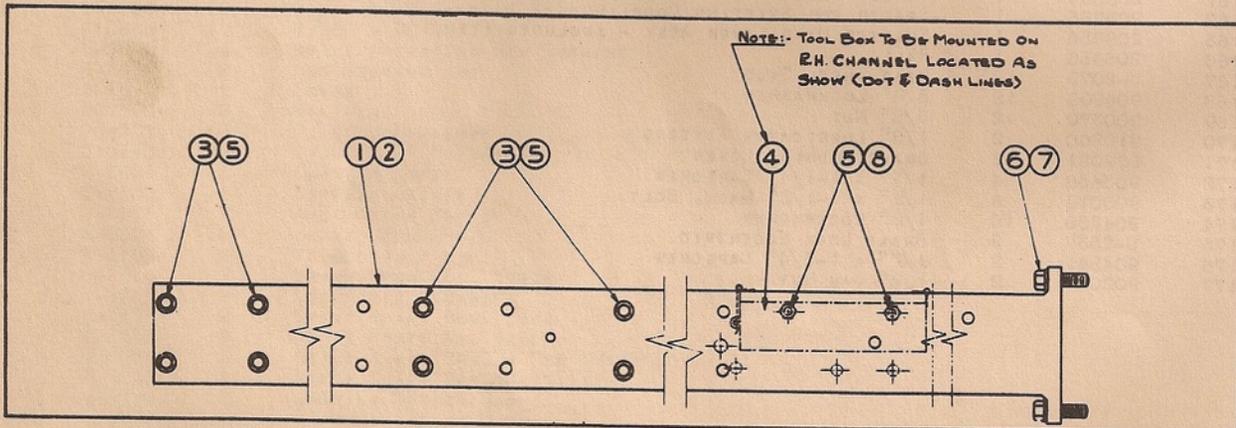
REAR AXLE (CONT'D)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
90	208126	1	HUB CUP & DRIVE GEAR ASSY.(R.H.) - INCLUDES ITEMS 92 AND 93
92	#3920	1	HUB BRG. CUP - INNER - TIMKEN
93	#26820	1	HUB BRG. CUP - OUTER - TIMKEN
96	208127	1	HUB, CUP & DRIVE GEAR ASSY.(L.H.) - INCLUDES ITEMS 98 AND 99
98	#3920	1	HUB BRG. CUP - INNER - TIMKEN
99	#26820	1	HUB BRG. CUP - OUTER - TIMKEN
102	901655	2	3/4" SOLID PIPE PLUG
103	U-2615	2	DRIVE GEAR COVER GASKET
104	903637	12	1/2" x 1" CAPSCREW
105	205506	2	BREATHER CAPSCREW
106	912441	14	1/2" LOCKWASHER
107	U-2614	2	DRIVE GEAR COVER ASSY. - INCLUDES ITEM 109
109	911638	16	5/16" - 18 x 1/2" MACH. SCREW
110	901652	2	1/4" PIPE PLUG
111	910167	26	5/16" - 24 x 3/4" CAPSCREW
112	903626	6	5/16" - 18 x 3/4" CAPSCREW
113	910286	48	5/16" LOCKWASHER
114	910233	26	5/16" - 24 NUT
115	910323	16	5/16" - 18 NUT
116	912444	8	7/16" - 20 x 1-1/4" CAPSCREW
117	904207	8	7/16" LOCKWASHER
118	910986	8	7/16" - 20 NUT
119	U-2533	2	HUB BRG. OIL SEAL
120	U-2082	2	HUB BRG. OIL SEAL RETAINER
121	#3982	2	HUB BRG. CONE - INNER - TIMKEN
122	#26882	2	HUB BRG. CONE - OUTER - TIMKEN
123	U-587	2	HUB CAP GASKET
124	204339	2	HUB CAP
125	903630	6	3/8" x 1" CAPSCREW
126	910287	6	3/8" LOCKWASHER
127	207174	1	BRAKE OPERATING LEVER ASSY. (R.H.)
130	207175	1	BRAKE OPERATING LEVER ASSY. (L.H.)
133	910255	2	3/4" PLAIN WASHER
134	900807	2	1/8" x 1-1/4" COTTER PIN
135	U-2633	2	BRAKE BAND ASSY.
142	U-2639	2	BRAKE BAND LINING - LOOP HALF
143	U-2638	2	BRAKE BAND LINING - ADJ. HALF
144	907166	32	3/16" x 5/16" HOLLOW BRASS RIVETS
145	905125	2	#13 WOODRUFF KEY
146	U-2646	2	BRAKE BAND TOGGLE
147	U-2647	2	BRAKE TOGGLE PIN
148	U-2648	2	BRAKE BAND ADJ. NUT
149	U-2649	2	BRAKE BAND RETURN SPRING
150	900805	2	1/8" x 3/4" COTTER PIN
151	208249	1	INTERMEDIATE DRIVE SHAFT
152	911021	1	5/16" x 1-1/2" WOODRUFF KEY
153	U-2219	1	WORM
154	208250	1	SPACER FOR WORM
155	208095	1	COUPLING - (SHIFTING)
156	905359	2	5/16" STEEL BALL
157	U-3661	1	SPRING
158	208251	2	STEEL THRUST WASHER
159	203252	1	BRONZE THRUST WASHER
160	B-1212	1	TORRINGTON NEEDLE BRG.
161	208254	1	THRUST WASHER FOR WORM SPACER
162	208255	1	SPACER FOR SHIFTING COUPLING
163	208256	1	SHIFTER HAND LEVER ASSY - INCLUDES ITEM 166
166	206456	1	BALL
167	U-2079	12	REAR WHEEL STUD
168	904209	12	5/8" LOCKWASHER
169	900370	12	5/8" NUT
170	910260	2	1/8" LUBRICATOR FITTING
171	209021	2	BRAKE HOUSING COVER
172	903638	4	1/2" x 1-1/4" CAPSCREW
173	900019	6	1/2" x 1-1/2" MACH. BOLT
174	904208	10	1/2" LOCKWASHER
175	U-2537	2	BRAKE LOCK ECCENTRIC
176	904541	2	1/2" x 1-3/4" CAPSCREW
177	902021	2	1/2" JAM NUT



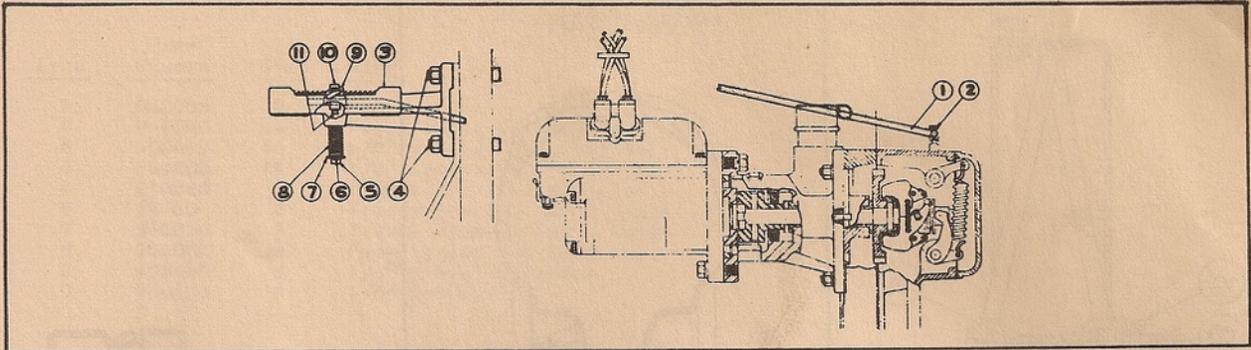
BELT PULLEY
(GROUP 281093)

ITEM	PART No.	QTY.	NAME	ITEM	PART No.	QTY.	NAME
1	U-2671	1	PULLEY	9	#0107	1	N.D. BALL BEARING
2	U-2672	1	PULLEY SHAFT	10	#0108	1	N.D. BALL BEARING
3	906910	1	1"-14 JAM NUT	11	205710	1	SNAP RING
4	910260	1	1/8" LUBRICATOR FITTING	12	208709	1	SNAP RING
5	905857	1	KEY 1/4" x 1/4" x 1-3/4"	13	U-3352	1	COVER
6	U-2673	1	TUBE	14	U-3353	1	GASKET
7	U-2289	1	TUBE RING	15	906968	1	1" LIGHT LOCKWASHER
8	208711	1	OIL SEAL				



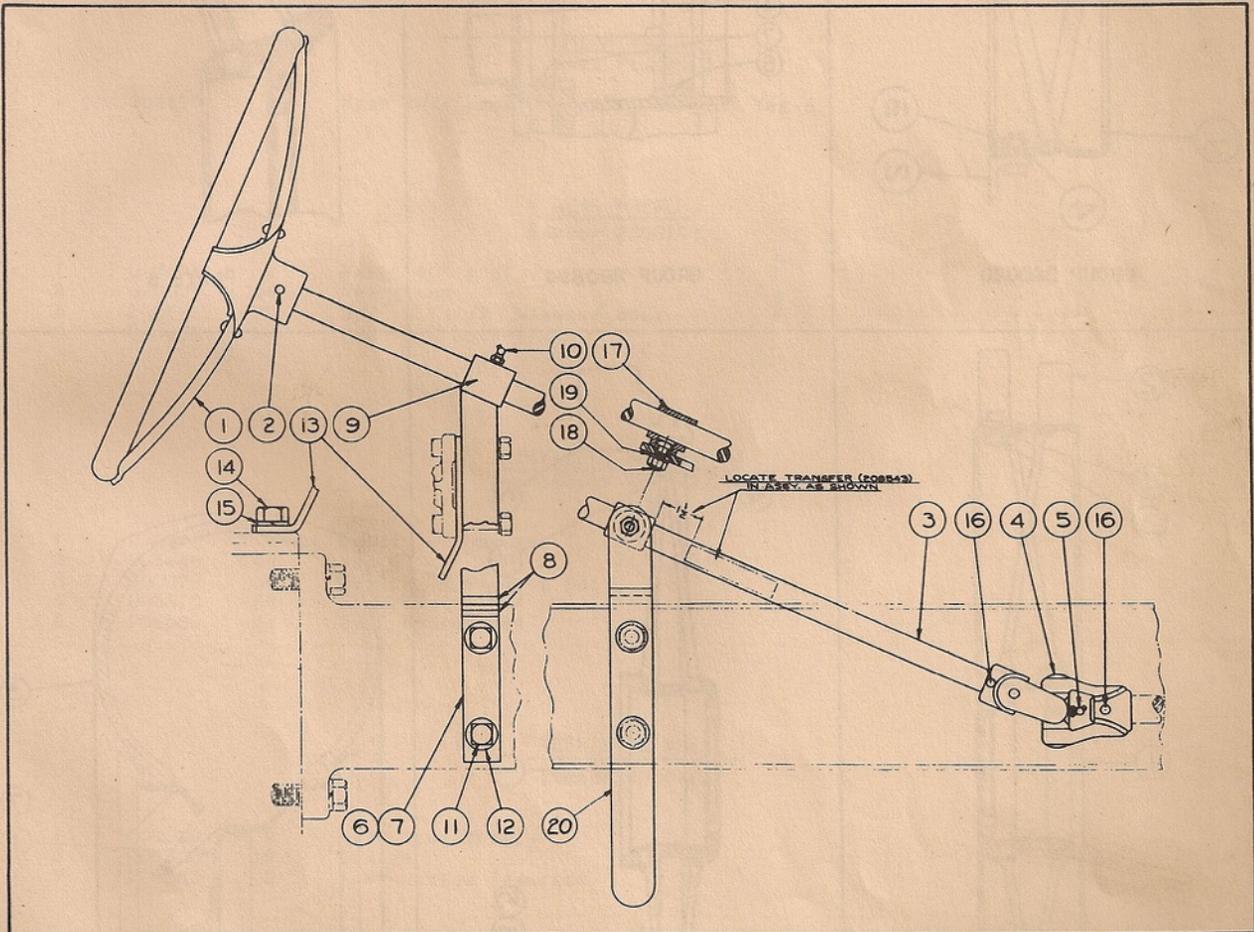
FRAME
(GROUP 280015)

1	U-2414	1	R.H. CHANNEL	5	904208	20	LOCKWASHER 1/2"
2	U-2415	1	L.H. CHANNEL	6	U-2283	4	CAPSCREW
3	903638	18	CAPSCREW 1/2" x 1-1/4"	7	904369	4	LOCKWASHER 3/4"
4	208446	1	TOOL BOX	8	900017	2	MACHINE BOLT 1/2" x 1"



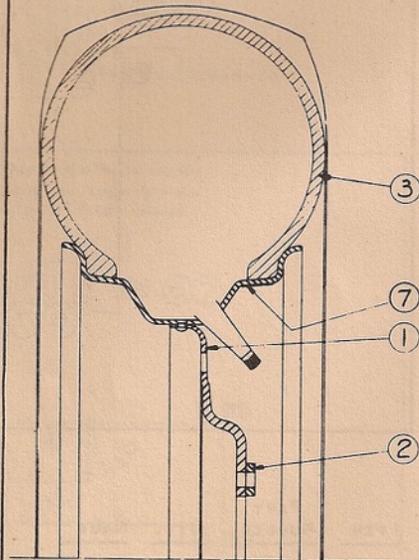
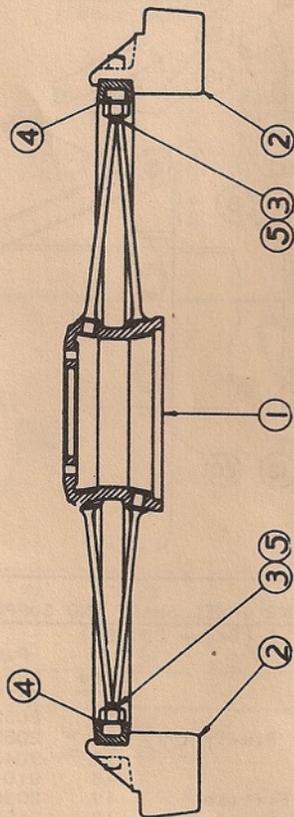
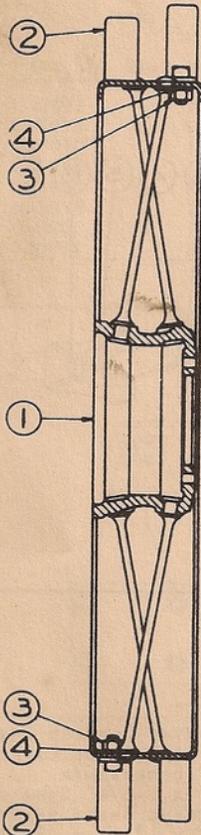
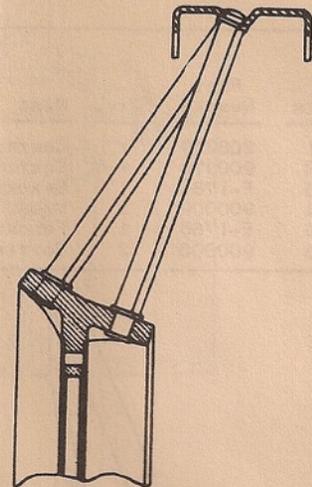
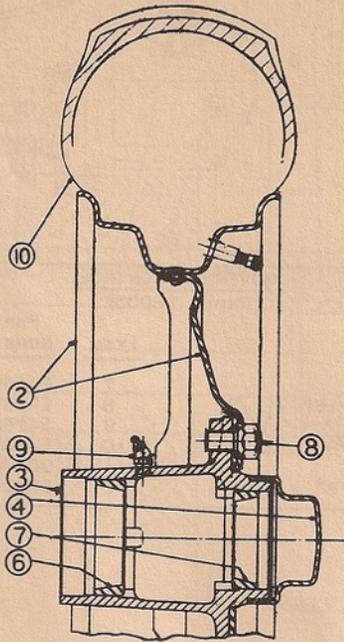
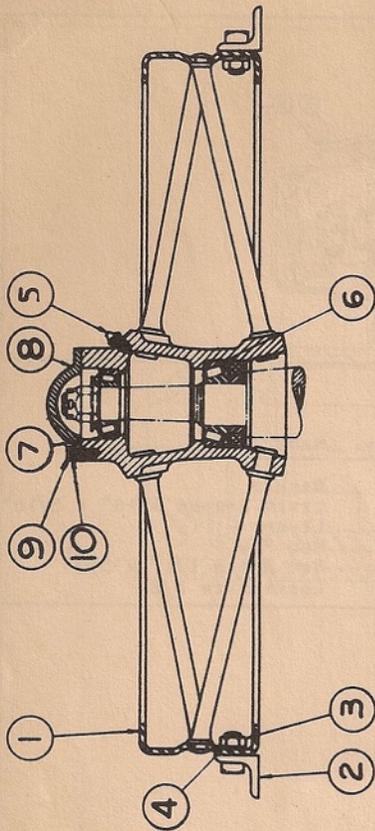
GOVERNOR CONTROL
(GROUP 280031)

ITEM	PART NUMBER	QTY.	NAME	ITEM	PART NUMBER	QTY.	NAME
1	208259	1	CONTROL ROD	7	E-1692	1	WASHER
2	900970	1	COTTER PIN 1/16" x 1/2"	8	E-1690	1	LEVER SPRING 9/16" x 5/16"
3	E-1764	1	BRACKET	9	E-1689	1	LEVER
4	900009	2	MACH. BOLT 3/8" x 2-1/2"	10	E-1333	1	ROD PIN
5	E-1765	1	FULCRUM PIN	11	903807	1	SET SCREW 1/4" x 3/8"
6	900805	2	COTTER PIN 1/8" x 3/4"	12	904206	2	LOCKWASHER 3/8"



STEERING WHEEL SHAFT AND SUPPORT
(GROUP 280025)

ITEM	PART NUMBER	QTY.	NAME	ITEM	PART NUMBER	QTY.	NAME
1	U-2260	1	HAND WHEEL	13	205286	1	STEERING SUPPORT BRACE
2	912343	1	3/8" x 2" GROOVE PIN-TYPE I	14	205287	1	STEERING BRACE CAPSCREW
3	U-2151	1	STEERING SHAFT	15	904369	1	3/4" LOCKWASHER
4	U-2152	1	UNIVERSAL JOINT	16	910186	2	3/8" x 1-3/4" STRAIGHT PIN
5	910262	1	1/8" LUBRICATOR FITTING	17	208597	1	STEERING SHAFT GUIDE (LOW)
6	208869	1	STEERING SHAFT SUPPORT ASSY.	18	910574	1	3/8" x 1" MACH. BOLT & NUT
10	910262	1	1/8" LUBRICATOR FITTING	19	904206	1	3/8" LOCKWASHER
11	900026	2	1/2" x 4" MACHINE BOLT	20	208598	1	BELT GUIDE AND STEERING SHAFT SUPPORT
12	904208	2	1/2" LOCKWASHER				



FRONT WHEEL
(GROUP 280020)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	U-2068	2	24" x 4" FRONT WHEEL
2	U-1020	4	FRONT WHEEL GUIDE RING
3	900018	16	1/2" x 1-1/4" MACHINE BOLT
4	904208	16	1/2" LOCKWASHER
5	910260	2	1/8" LUBRICATOR FITTING
6	#2720	2	TIMKEN BEARING CUP - INNER
7	#15250	2	TIMKEN BEARING CUP - OUTER
8	206085	2	FRONT WHEEL HUB CAP
9	903625	6	1/4" x 3/8" CAPSCREW
10	904204	6	1/4" LOCKWASHER

FRONT WHEEL
(GROUP 280896)

1	207493	2	FRONT WHEEL 5.50" - 16" - INCLUDES ITEMS 1 THRU 8
2	207494	2	RIM AND DISC 5.50 x 16"
3	207495	2	HUB
4	206343	2	HUB CAP
6	#2720	2	TIMKEN BEARING CUP - INNER
7	#15250	2	TIMKEN BEARING CUP - OUTER
8	207503	10	HUB BOLT
9	910261	2	1/8" LUBRICATOR FITTING

REAR WHEEL
(SEE PLATE 6)

-	204175	2	REAR WHEEL FOR 57-1/8" - 83-3/8" TREAD
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REAR WHEEL
(GROUP 280019)

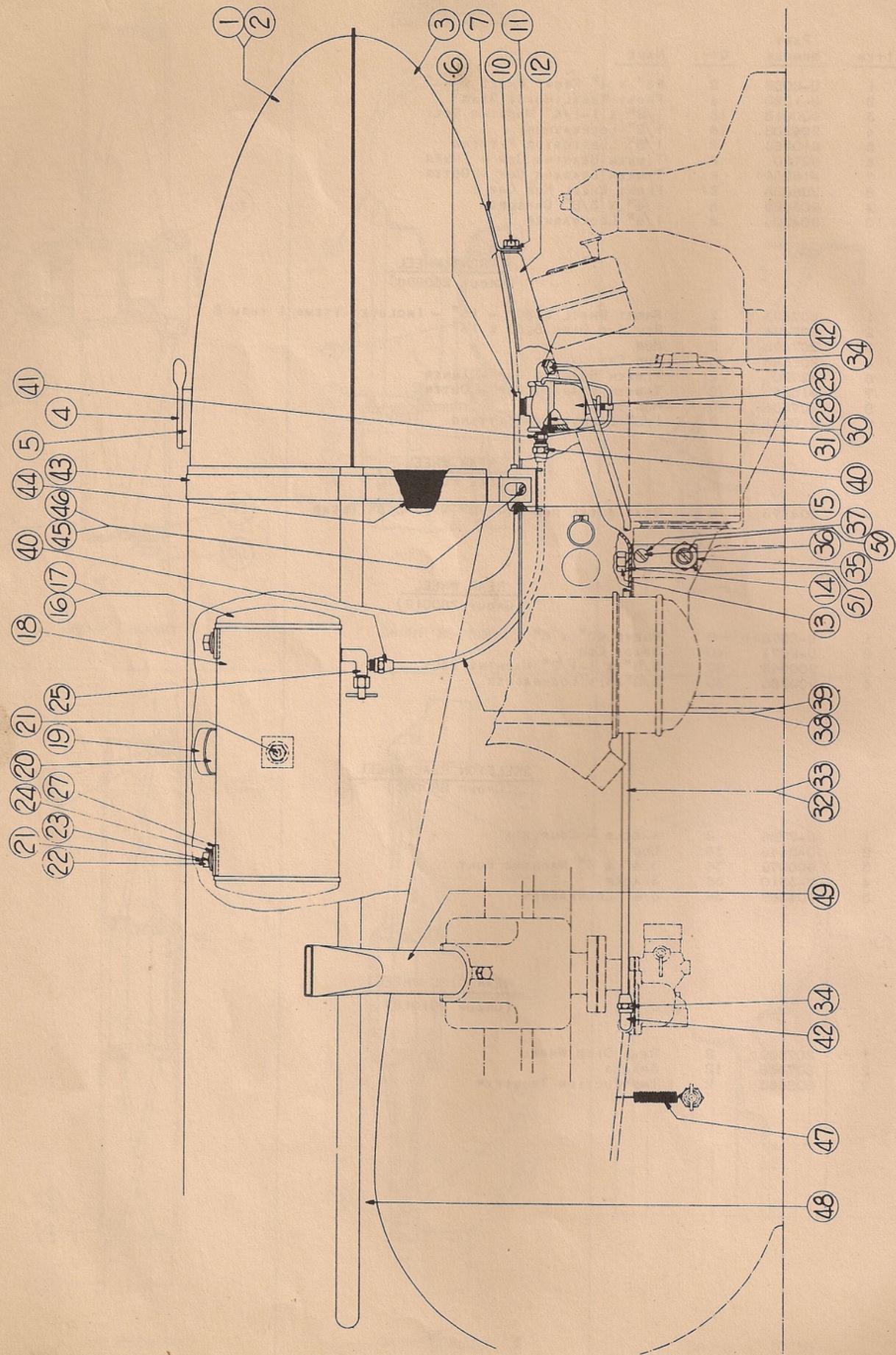
1	U-2678	2	WHEEL 40" x 6"
2	U-2071	40	SPADE LUG
3	900046	80	5/8" x 1-1/2" MACHINE BOLT
4	900980	80	5/8" RIB LOCKWASHER

SKELETON REAR WHEEL
(GROUP 280023)

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

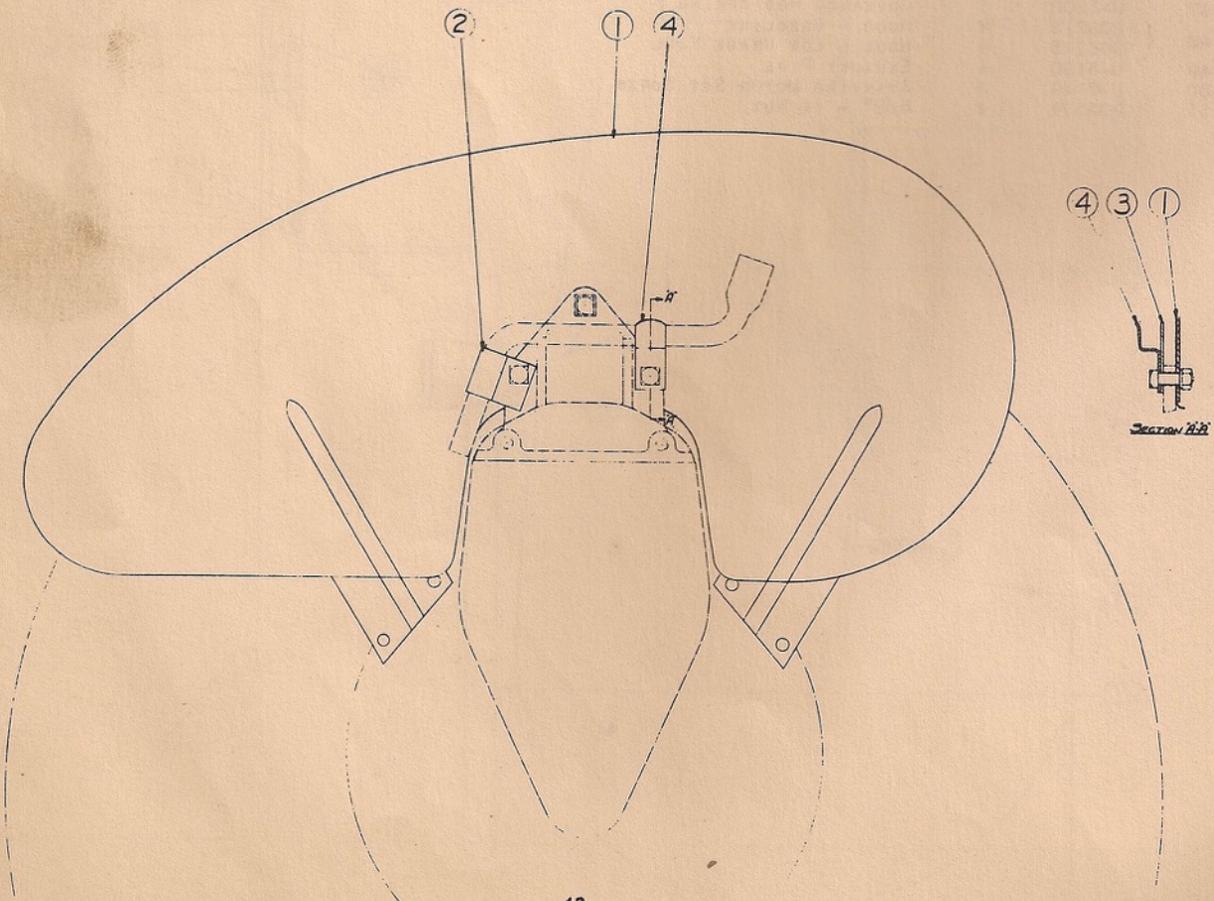
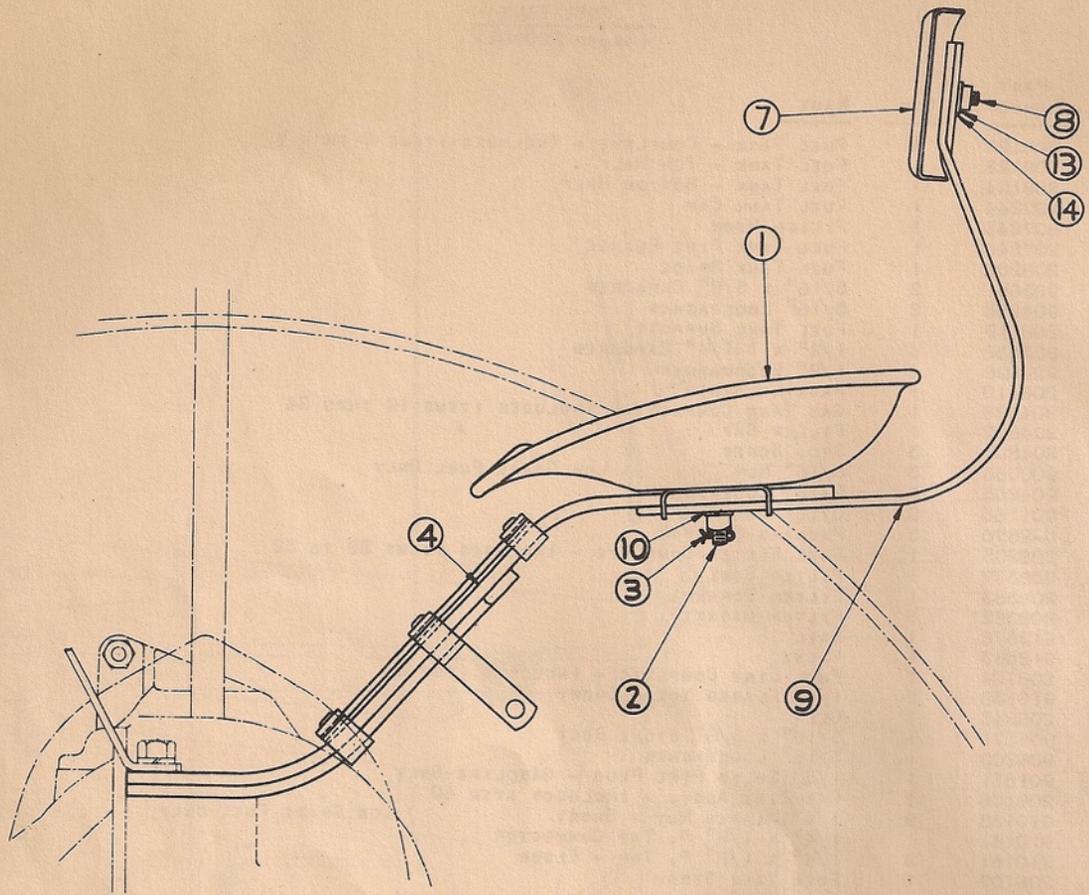
REAR DISC WHEEL
(GROUP 281018)

1	207509	2	REAR DISC WHEEL
2	207508	12	SPACER
7	208663	2	INSTRUCTION TRANSFER



FUEL TANK
(GROUP 280982)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	208122	1	FUEL TANK - COMPLETE - INCLUDES ITEMS 2 THRU 7
2	208123	1	FUEL TANK - TOP HALF
3	208124	1	FUEL TANK - BOTTOM HALF
4	207244	1	FUEL TANK CAP
5	207245	1	FILLER NECK
6	207246	1	FUEL TANK PIPE FLANGE
7	208202	1	FUEL TANK BRACE
10	905661	2	5/16" x 5/8" CAPSCREW
11	904205	2	5/16" LOCKWASHER
12	208119	1	FUEL TANK SUPPORT
13	903638	4	1/2" x 1-1/4" CAPSCREW
14	904208	4	1/2" LOCKWASHER
15	208110	1	PACKING STRIP
16	204828	1	GAS TANK COMPLETE - INCLUDES ITEMS 19 THRU 24
19	204827	1	FILLER CAP
21	204803	3	SPC. SCREW
22	900366	3	5/16" NUT
23	904205	3	5/16" LOCKWASHER
24	901165	3	5/16" CUT WASHER
27	U-2670	3	PACKING STRIP
28	208205	1	FUEL FILTER COMPLETE - INCLUDES ITEMS 28 TO 32
29	208377	1	FILTER BOWL
30	208363	1	FILTER SCREEN
31	208362	1	FILTER GASKET
-	912576	1	BAIL
-	912563	1	VALVE
32	208104	1	FUEL LINE COMPLETE - INCLUDES ITEM 34
34	910138	2	1/4" FLARED NUT - SHORT
35	208243	1	CLIP
36	906571	1	3/16" x 3/8" STOVE BOLT
37	904203	1	3/16" LOCKWASHER
38	901651	1	1/8" SOLID PIPE PLUG - GASOLINE ONLY
	208106	1	GAS LINE ASSY. - INCLUDES ITEM 40
40	910138	2	1/4" FLARED NUT - SHORT
41	910141	1	1/4" x 1/8" P. TAP CONNECTOR
42	910161	2	1/4" x 1/8" P. TAP - ELBOW
43	208109	1	FUEL TANK STRAP
44	208112	1	PACKING STRIP
45	U-2132	2	HOOD STRAP CAPSCREW
46	910335	2	5/16" PLAIN WASHER
47	U-3208	1	GOVERNOR ROD SPRING
48	208212	1	HOOD - GASOLINE
	208115	1	HOOD - LOW GRADE FUEL
49	U-3180	1	EXHAUST PIPE
50	U-2149	1	STARTING MOTOR SET SCREW
51	903574	1	5/8" - 11 NUT



DRIVER'S SEAT
(GROUP 280027)

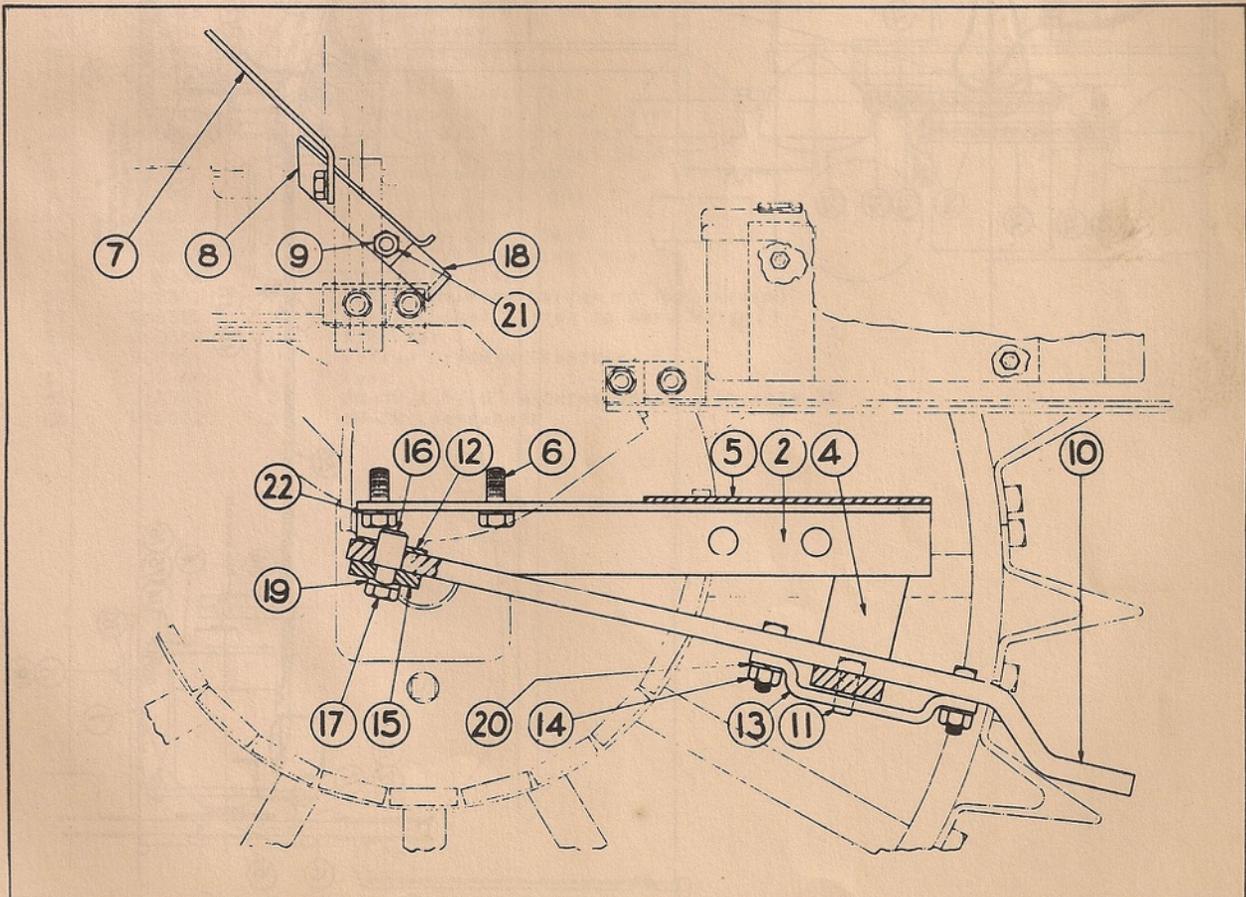
ITEM	NUMBER	QTY.	NAME	ITEM	PART NUMBER	QTY.	NAME
1	U-145	1	DRIVER'S SEAT	8	906568	1	3/8" x 1" STOVE BOLT
2	U-2755	1	SEAT BOLT	9	U-2744	1	BACK SPRING
3	900805	1	1/8" x 3/4" COTTER PIN	10	904208	1	1/2" LOCKWASHER
4	208237	1	SEAT SPRING	13	904206	1	3/8" LOCKWASHER
7	U-2743	1	SEAT BACK	14	900817	1	3/8" CUT WASHER
-	204229	1	CUSHION FOR SADDLE SEAT (STANDARD ON AIR TIRED TRACTORS ONLY)				

WHEEL GUARD
(GROUP 280983)

1	208206	1	L.H. WHEEL GUARD - COMPLETE
-	208207	1	R.H. WHEEL GUARD - COMPLETE
2	208443	1	STARTING CRANK CLIP - REAR
3	208444	1	STARTING CRANK CLIP PLATE - FRONT HALF
4	208445	1	STARTING CRANK CLIP - FRONT HALF
5	208207	1	R.H. WHEEL GUARD - COMPLETE

DRAWBAR AND PLATFORM
(GROUP 280026)

2	207860	1	PLATFORM ASSEMBLY	13	U-2278	1	DRAWBAR GUIDE
6	903644	4	5/8" x 1-1/2" CAPSCREW	14	900021	2	1/2" x 2" MACHINE BOLT
7	208186	1	L.H. FOOT PLATE	15	206863	1	DRAWBAR SUPPORT PLATE
8	U-2269	1	R.H. FOOT PLATE	16	U-2279	1	FULCRUM PIN
9	900019	1	1/2" x 1-1/2" MACHINE BOLT	17	903644	2	5/8" x 1-1/2" CAPSCREW
10	U-2272	1	DRAWBAR	18	U-2715	1	SPRING BRACKET
11	U-769	2	DRAWBAR LOCK BOLT	19	904209	2	5/8" LOCKWASHER
12	U-2888	1	DRAWBAR SPACER	20	904208	2	1/2" LOCKWASHER
				21	904208	1	1/2" LOCKWASHER
				22	904209	4	LOCKWASHER

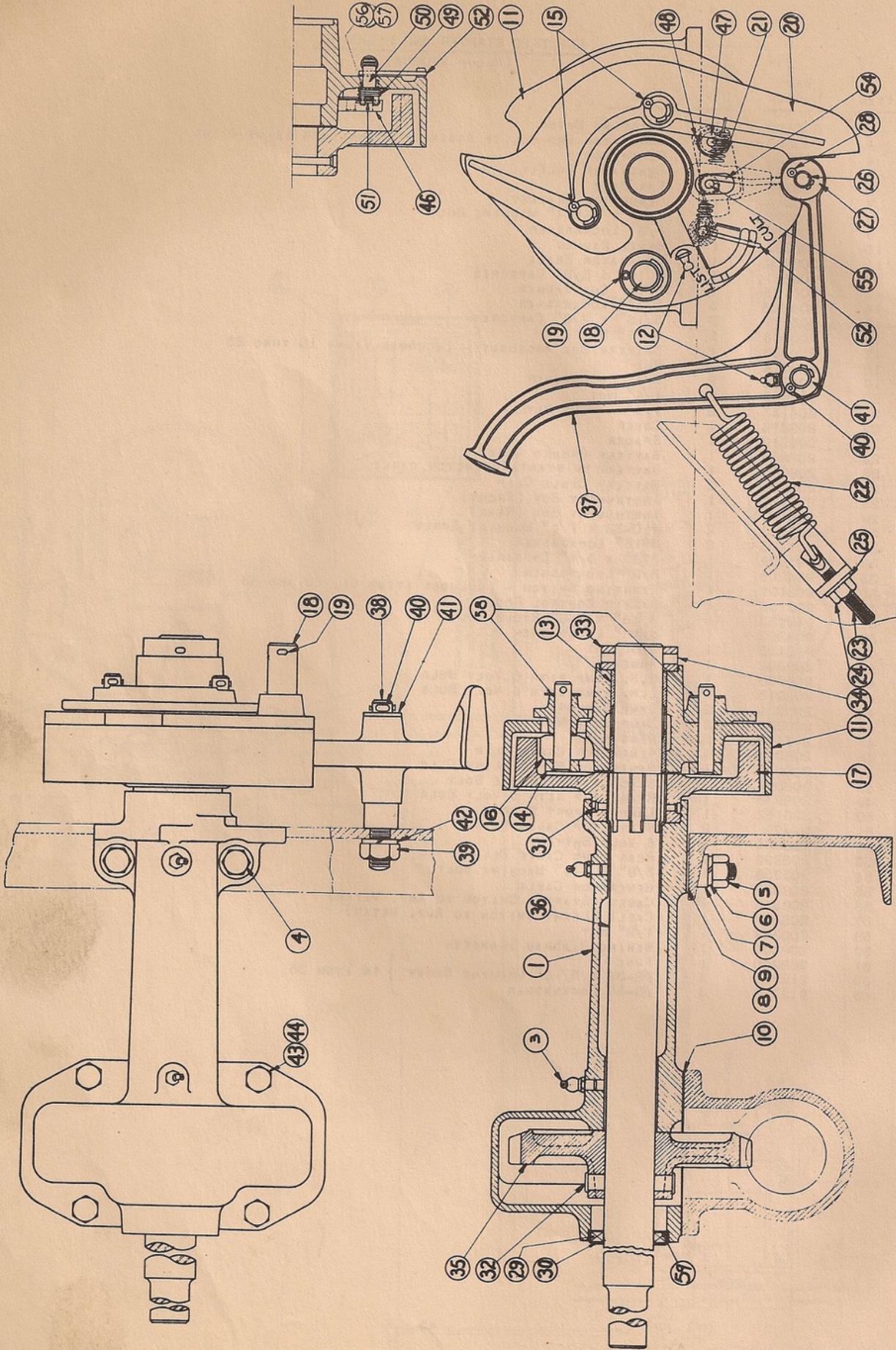


ELECTRIC STARTER AND LIGHTING

(GROUP 280984)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	208199	1	STARTING MOTOR
-	208690	1	GENERATOR AND PULLEY ASSEMBLY - INCLUDES ITEMS 4 AND 5
4	208200	1	GENERATOR
5	208261	1	GENERATOR PULLEY
6	208215	1	FAN BELT
7	208244	1	GENERATOR BRACKET
8	910575	1	3/8" x 1-1/4" MACHINE BOLT
9	904206	1	3/8" LOCKWASHER
10	208283	1	BEVEL WASHER
11	208204	1	GENERATOR BRACE
12	905661	1	5/16" x 5/8" CAPSCREW
13	901165	1	5/16" CUT WASHER
14	904205	3	5/16" LOCKWASHER
15	903771	2	5/16" x 7/8" CAPSCREW
16	900366	2	5/16" NUT
17	208285	1	BATTERY BOX ASSEMBLY - INCLUDES ITEMS 18 THRU 23
18	208214	1	Box
19	904204	2	1/4" LOCKWASHER
20	900365	2	1/4" NUT
21	904153	2	1/4" WING NUT
22	208218	1	COVER
23	208219	1	SPACER
24	208258	1	BATTERY GROUND STRAP
25	208257	1	BATTERY TO STARTING SWITCH CABLE
26	208225	2	BATTERY CABLE CLIP
28	208128	1	INSTRUMENT BOX (FRONT)
29	208129	1	INSTRUMENT BOX (REAR)
30	903753	2	#10-32 x 1/4" MACHINE SCREW
31	904203	2	3/16" LOCKWASHER
32	903629	1	3/8" x 3/4" CAPSCREW
33	904206	1	3/8" LOCKWASHER
35	208197	1	LIGHTING SWITCH - INCLUDES ITEMS 61, 62 AND 63
36	208198	1	SWITCH CONTROL ROD
37	912733	1	3/16" x 3/8" STOVE BOLT
38	904203	1	3/16" LOCKWASHER
39	910123	1	3/8" NUT
40	208302	1	AMMETER
41	208230	1	R.H. LAMP WITH 6 VOLT BULB
42	208213	1	L.H. LAMP WITH 6 VOLT BULB
43	208231	2	LAMP SUPPORT
44	208232	2	LAMP LOCK NUT
45	U-3435	2	WING NUT
46	208241	1	GENERATOR CABLE CLIP
47	208242	1	GENERATOR & FUEL LINE CLIP
48	906571	1	3/16" x 3/8" STOVE BOLT
49	208233	1	REAR LAMP WITH 6 VOLT BULB
50	208152	1	LAMP SUPPORT WASHER
51	U-479	2	REAR LAMP CABLE CLIP
52	208220	1	6 VOLT BATTERY
53	208298	1	REAR LAMP CABLE CLIP
54	903258	1	3/8" x 3/4" MACHINE BOLT
55	208332	1	GENERATOR CABLE
56	208333	1	CABLE (STARTER SWITCH TO AMP. METER)
57	208337	1	CABLE (LIGHT SWITCH TO AMP. METER)
58	900369	1	1/2" NUT
59	208401	1	WIRING DIAGRAM TRANSFER
61	208960	1	FUSE
62	912731	3	#8-32 x 5/16" MACHINE SCREW
63	912732	3	#8-32 LOCKWASHER

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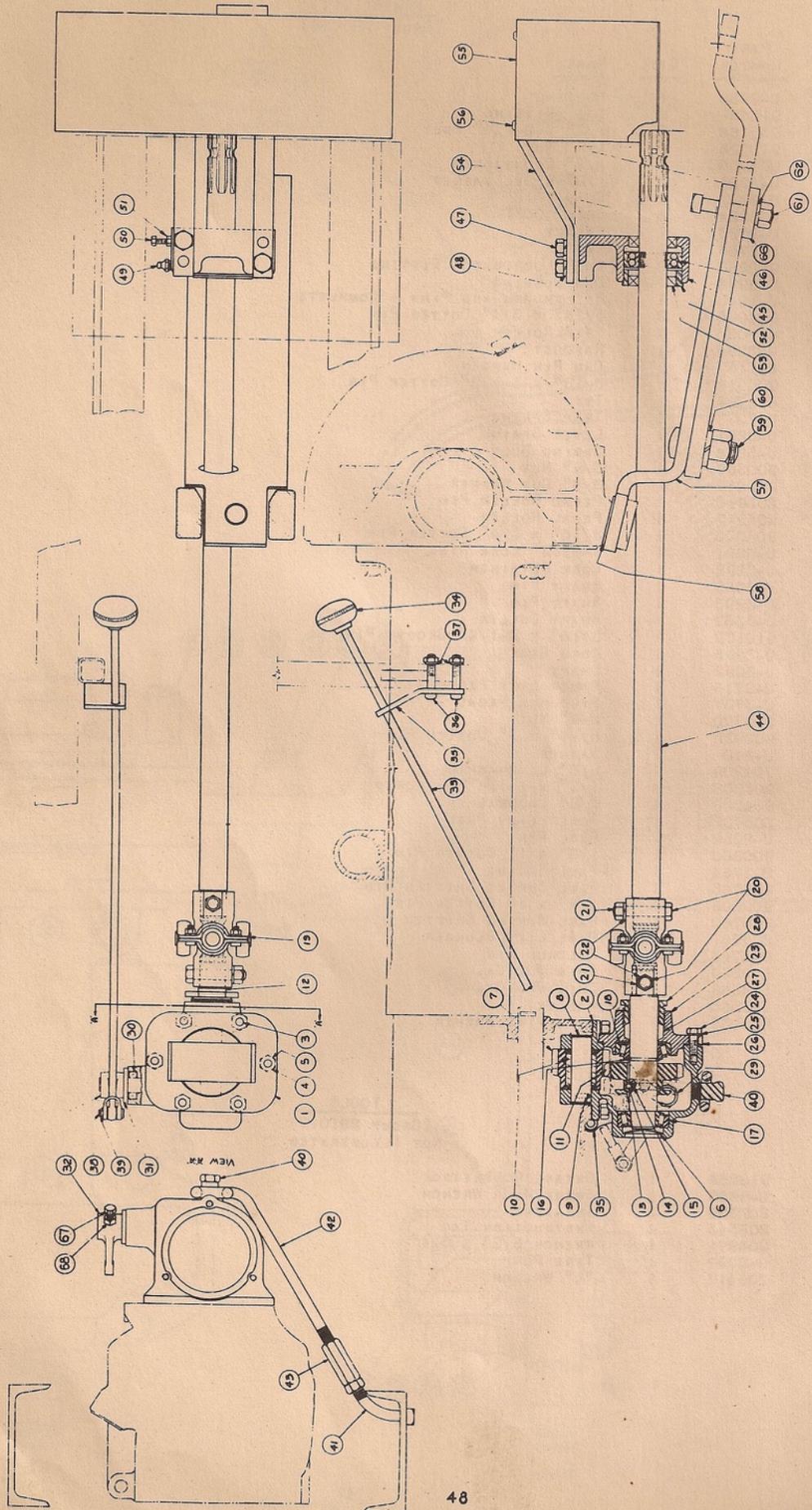


POWER LIFT
(GROUP 280058)

<u>ITEM</u>	<u>PART NUMBER</u>	<u>QTY.</u>	<u>NAME</u>
1	U-2233	1	HOUSING
3	912481	2	1/4" 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	910260	2	1/8" LUBRICATOR FITTING
13	U-3296	1	CAM BUSHING
14	U-1840	1	ROLLER ARM AND PINS - COMPLETE
15	904005	2	3/16" x 3/4" COTTER PIN
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" COTTER PIN
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" COTTER PIN
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 COLLER
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" COTTER PIN
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" COTTER PIN
49	205764	1	PAWL SPRING
50	205765	1	PAWL SPRING SHIFTER PIN
51	900806	1	1/8" x 1" COTTER PIN
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

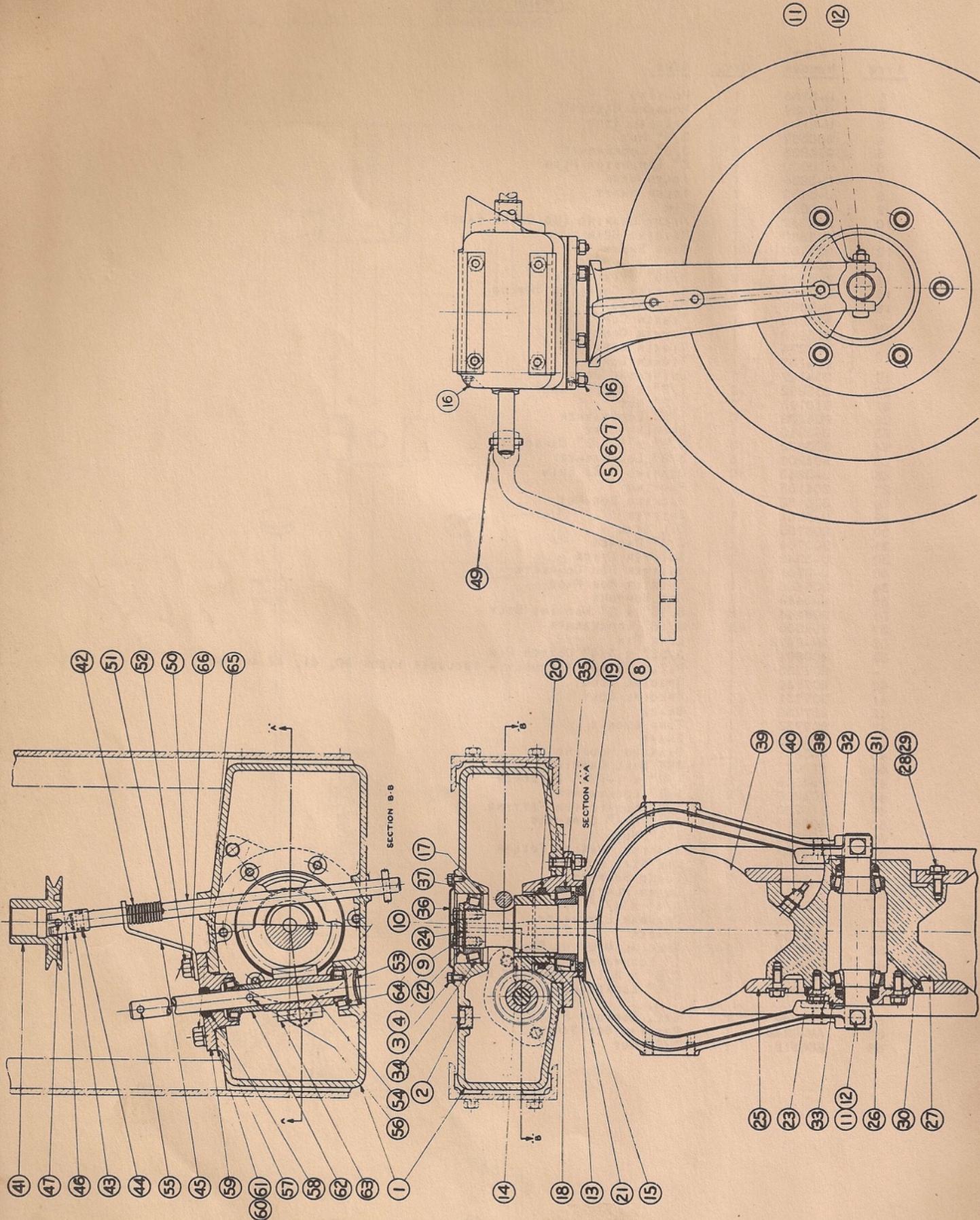
TOOLS
(GROUP 281019)
NOT ILLUSTRATED

910264	1	GREASE COMPRESSOR
U-2885	1	SPARK PLUG WRENCH
207378	2	TRANSFER
208543	1	INSTRUCTION TAG
204971	1	WRENCH 5/8" x 3/4"
U-2299	1	TIRE PUMP
206417	1	"L" WRENCH



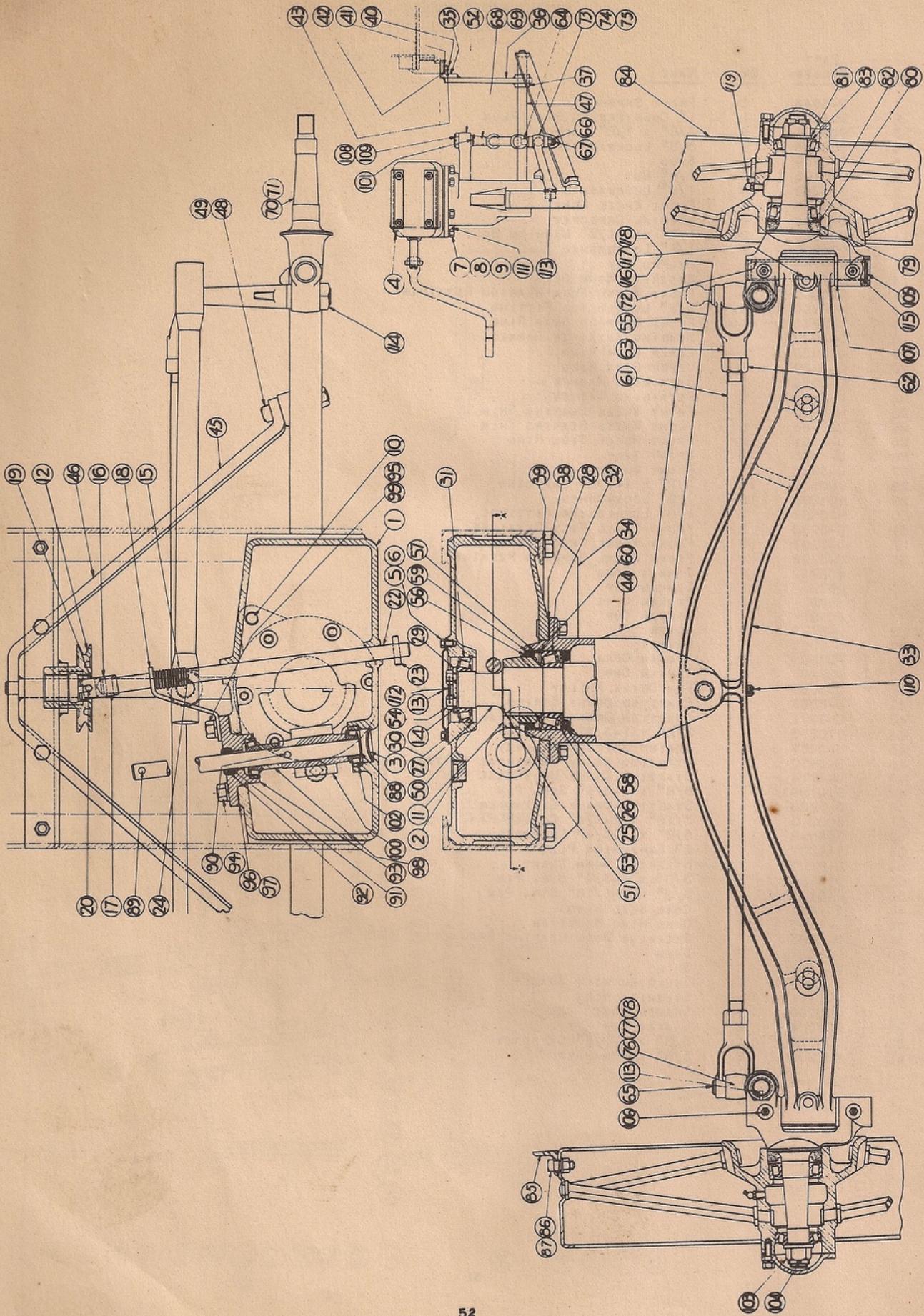
POWER TAKE-OFF
(GROUP 280059)

ITEM	PART NUMBER	QTY.	NAME
1	U-3233	1	HOUSING
2	U-3234	1	HOUSING GASKET
3	U-814	6	SPECIAL STUD
4	900367	6	3/8" 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	208943	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
20	035892	2	1/2" x 2-1/2" BOLT
21	910195	2	1/2" NUT
22	904208	2	1/2" LOCKWASHER
23	U-3240	1	BEARING CASE
24	903632	3	3/8" x 1-1/2" 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
31	900704	1	3/4" WASHER
32	U-3242	1	SHIFTER LEVER
33	U-3731	1	SHIFTER ROD COMPLETE
34	206456	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" COTTER PIN
-	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	TURN BUCKLE
44	204176	1	SHAFT
45	U-3251	1	BEARING HOUSING
46	#1207	1	SKF BALL BEARING
47	903639	2	1/2" x 1-1/2" CAPSCREW
48	904208	2	1/2" LOCKWASHER
49	910260	1	1/8" LUBRICATOR FITTING
50	905657	1	1/4" x 1" CAPSCREW
51	900365	1	1/4" NUT
52	U-3252	1	BEARING HOUSING COLLAR
53	206786	2	OIL SEAL
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" 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" CAPSCREW
4	904206	6	3/8" LOCKWASHER
5	U-3779	6	STUD
6	910195	6	1/2" 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	910260	2	1/8" LUBRICATOR 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" CAPSCREW
29	904208	16	1/2" LOCKWASHER
30	910262	1	1/8" LUBRICATOR 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
35	{ #482	1	TIMKEN CONE
	{ #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" COTTER PIN
52	903792	1	5/8" x 1-3/4" 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	SHAFTER CONE
	{ #23704	2	SHAFTER CUP
65	903644	1	5/8" x 1-1/2" CAPSCREW
66	904209	2	5/8" LOCKWASHER



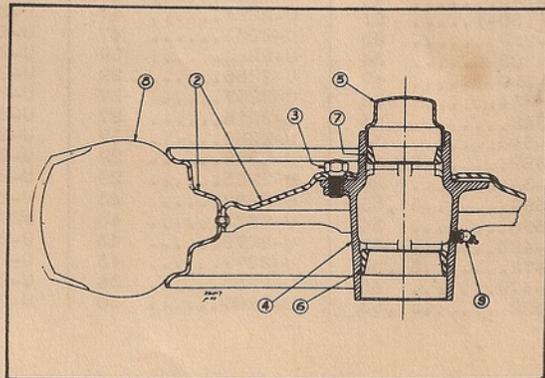
WIDE FRONT AXLE - STEEL
(GROUP 280061)

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" NUT
3	910000	1	2" EXPANSION PLUG	67	900808	1	1/8" x 1-1/2" COTTER PIN
4	910260	1	1/8" LUBRICATOR FITTING	68	204160	1	DRAG LINK BOOT
5	903627	6	3/8" x 1/2" CAPSCREW				
6	904206	6	3/8" LOCKWASHER	70	206751	2	FRONT WHEEL SPINDLE ASSY. INCLUDES ITEM 72
7	U-3779	6	SPECIAL STUD				
8	910195	6	1/2" NUT	72	U-48	4	BUSHING
9	904208	6	1/2" LOCKWASHER	73	206752	1	L.H. SPINDLE ARM ASSEMBLY INCLUDES ITEM 75
10	901653	1	3/8" SOLID PIPE PLUG				
11	U-3947	1	STEERING WORM GEAR	75	U-67	1	BUSHING
12	U-3960	1	FAN DRIVE PULLEY	76	206753	1	R.H. SPINDLE ARM ASSEMBLY INCLUDES ITEM 78
13	U-2797	1	FRONT SUPPORT COVER				
14	U-3963	6	STEERING SPINDLE SHAFT SHIM	78	U-67	1	BUSHING
15	U-3966	1	STARTING CRANK SPRING	79	U-50	2	FELT RING
16	U-3971	1	STARTING CRANK UNIVERSAL	80	205430	2	RETAINING RING
17	910253	1	3/8" x 1-3/8" STR. PIN	81	U-103	2	SPINDLE WASHER
18	U-3967	1	CRANK SPRING BRACKET	82	#342	2	TIMKEN CONE
19	U-3970	1	CRANK UNIVERSAL CENTER		#3320	2	TIMKEN CUP
20	910976	1	3/8" x 2-1/2" PIN	83	#14131	2	TIMKEN CONE
22	U-3968	1	STARTING CRANK EXTENSION		#14274	2	TIMKEN CUP
23	910186	1	3/8" x 1-3/4" STR. PIN	84	U-334	2	FRONT WHEEL
24	900810	1	3/16" x 1-1/4" COTTER PIN	85	U-53	4	FRONT WHEEL GUIDE RING
25	U-3964	1	SPINDLE SHAFT CORK WASHER	86	900018	16	1/2" x 1-1/4" MACHINE BOLT
26	U-3958	1	SPINDLE SHAFT CORK RING	87	904208	16	1/2" LOCKWASHER
27	U-3945	1	FRONT SUPPORT SNAP RING	88	U-2107	1	STEERING WORM SHAFT
28	U-3949	1	FRONT AXLE SUPPORT GASKET	89	910186	1	3/8" x 1-3/4" STR. PIN
29	U-3965	1	SPINDLE SHAFT WASHER	90	910187	1	3/8" x 2-1/16" STR. PIN
30	U-2077	1	FRONT SUPPORT COVER GASKET	91	E-1694	2	CORK SEAL RING
31	#382	1	TIMKEN CUP	92	E-1695	2	CORK RING RETAINER
	#389	1	TIMKEN CONE	93	U-1063	1	STEERING WORM BRG. BRACKET
	#472	1	TIMKEN CUP	94	903644	1	5/8" x 1-1/2" CAPSCREW
32	#482	1	TIMKEN CONE	95	904209	2	5/8" LOCKWASHER
33	204166	1	FRONT AXLE	96	U-1061	2	SHIM
34	204164	1	ENGINE SUPPORT ASSEMBLY	97	U-1062	2	SHIM
38	903638	2	1/2" x 1-1/4" CAPSCREW	98	U-2109	1	STEERING WORM SPACER
39	904208	2	1/2" LOCKWASHER	99	903792	1	5/8" x 1-3/4" CAPSCREW
40	U-3227	2	SPECIAL BOLT	100	U-1111	1	STEERING WORM
41	904208	2	1/2" LOCKWASHER	101	204728	1	STEERING BALL PIN
42	902273	2	1/2" NUT	102	#23700	2	SHAFAER CONE
43	900802	2	3/32" x 1" COTTER PIN		#23704	2	SHAFAER CUP
44	204162	1	FRONT AXLE SUPPORT	103	904325	2	1" NUT
45	204163	1	RADIUS ROD ASSEMBLY	104	900809	2	1/8" x 1-3/4" COTTER PIN
48	900052	2	5/8" x 3-1/2" MACHINE BOLT	105	910006	4	1-1/4" EXPANSION PLUG
49	904209	2	5/8" LOCKWASHER	106	910260	4	1/8" LUBRICATOR FITTING
50	204165	1	STEERING SPINDLE SHAFT ASSEMBLY	107	U-49	2	SPINDLE PIN WASHER
53	910254	1	HY-PRO KEY	108	900809	1	1/8" x 1-3/4" COTTER PIN
54	U-3944	2	SPECIAL CAPSCREW	109	E-425	1	SPECIAL NUT
55	204161	1	DRAG LINK	110	204541	1	SPECIAL SET SCREW
56	204167	1	CORK RETAINER - UPPER	111	910260	1	1/8" LUBRICATOR FITTING
57	204168	1	CORK RETAINER - LOWER				
58	204156	1	CORK RETAINER	113	905128	2	#17 WOODRUFF KEY
59	204155	1	STEERING GEAR CORK RING	114	906910	2	1" NUT
60	204159	1	SNAP RING	115	U-46	2	SPINDLE PIN
61	204158	1	TIE ROD	116	U-47	2	SPINDLE PIN LOCK STUD
62	910365	2	7/8" NUT	117	900367	2	3/8" NUT
63	208227	2	TIE ROD FORK	118	904206	2	3/8" LOCKWASHER
64	U-1881	1	TIE ROD FORK PIN	119	910261	2	1/8" LUBRICATOR FITTING

WIDE FRONT AXLE - AIR
(GROUP 280957)

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	910261	2	1/8" LUBRICATOR FITTING



NUMERICAL INDEX

PART No.	PAGE	PART No.	PAGE	PART No.	PAGE	PART No.	PAGE	PART No.	PAGE
T158-10.....	21	U-587.....	35	U-2291.....	47	U-2747.....	31	U-3041.....	15
T1510-10.....	21	U-705.....	47	U-2292.....	47	U-2748.....	31	U-3042.....	15
B2-62D.....	21	U-707.....	47	U-2299.....	47	U-2751.....	31	U-3043.....	13
B3-39C.....	21	A 729.....	29	U-2329.....	49	U-2752.....	31	U-3045.....	13
T8510-9.....	21	U-769.....	43	E-2359.....	47	U-2753.....	31	U-3050.....	13
E-13.....	16	U-814.....	49	E-2369.....	47	U-2755.....	43	U-3052.....	13
T1585-3.....	21	E-938.....	27	U-2414.....	36	U-2758.....	31	U-3053.....	18
C21-47.....	21	E-939.....	27	U-2415.....	36	U-2759.....	31	U-3054.....	18
T22S8.....	21	U-1020.....	39	U-2416.....	29	U-2760.....	31	U-3055.....	19
C23-101.....	21	U-1061..27,51,53		U-2420.....	27	U-2761.....	31	U-3056.....	15
CR27-47-1.....	21	U-1062..27,51,53		U-2422.....	29	U-2762.....	31	U-3057.....	19
CR28-22.....	21	U-1063..27,51,53		U-2529.....	29	U-2763.....	31	U-3059.....	17
CR37-1x1.....	21	U-1111..27,51,53		U-2530.....	29	U-2764.....	31	U-3061.....	19
C38-21.....	21	U-1157.....	47	U-2531.....	29	U-2766.....	39	U-3063.....	19
T41-5.....	21	#1207.....	49	U-2532.....	29	U-2770.....	31	U-3064.....	19
T41-10.....	21	#1208.....	31	U-2533.....	35	U-2771.....	31	U-3065.....	49
T45-8.....	21	B1212.....	35	U-2537.....	35	U-2772.....	31	U-3068.....	20
C46-25.....	21	E-1333.....	37	U-2557.....	31	U-2773.....	31	U-3072.....	20
U-46.....	53	U-1671..15,20,25		E-2565.....15,47		U-2775.....	31	U-3073.....	19
U-47.....	53	E-1689.....	37	U-2565.....	34	U-2776.....	31	U-3075.....	16
U-48.....	53	E-1690.....	37	U-2567.....	34	U-2777.....	31	U-3076.....	17
U-49.....	53	E-1692..17,25,37		U-2569.....	34	U-2778.....	31	U-3077.....	17
U-50.....	53	E-1694..27,51,53		U-2571.....	34	U-2783.....	31	U-3079.....	25
C52-2.....	21	E-1695..27,51,53		U-2572.....	34	U-2784.....	31	U-3080.....	25
C52-6-1.....	21	U-1762.....	47	U-2575.....	34	U-2786.....	31	U-3081.....	25
CT52-8.....	21	E-1764.....	37	U-2576.....	34	U-2787.....	31	U-3082.....	25
U-53.....	53	E-1765.....	37	U-2577.....	34	#2788.....27,51		U-3083.....	25
C55-6.....	21	U-1814.....29,34		U-2578.....	34	U-2788.....	31	U-3084.....	25
T56-20.....	21	U-1840.....	47	U-2580.....	34	U-2789.....	31	U-3086.....	25
T56-23.....	21	U-1852.....	18	U-2581.....	34	U-2791.....	31	U-3088.....	16
T56-24.....	21	U-1881.....	53	U-2582.....	34	U-2792.....	31	U-3090.....	25
T56-25.....	21	U-2059.....	47	U-2588.....	34	U-2794.....	31	U-3091.....	17
T56-60.....	21	U-2068.....	39	U-2590.....	34	U-2795.....	31	U-3092.....	17
CT57-4.....	21	U-2071.....	39	U-2591.....	34	U-2796.....	31	U-3093.....	17
CT57-9.....	21	U-2077.....	29,31,51,53	U-2592.....	34	U-2797..31,51,53		U-3094.....	25
CT62-1.....	21			U-2593.....	34	U-2833.....	17	U-3095.....	25
CT63-2.....	21	U-2078.....	31	U-2595.....	34	U-2858.....	31	U-3096.....	25
C66-26-2.....	21	U-2079.....	35	U-2597.....	34	U-2860.....	31	U-3097.....	25
U-67.....	53	U-2082.....	35	U-2600.....	34	U-2861.....	31	U-3098.....	25
U-68-A.....	53	U-2085.....27,29		U-2601.....	34	U-2862.....	31	U-3099.....	25
C71-21.....	21	U-2086.....	29	U-2602.....	34	U-2863.....	31	U-3100.....	22
T73-9.....	21	U-2089.....	29	U-2603.....	34	U-2864.....	31	U-3107.....	22
CB1-17.....	21	U-2093.....	29	U-2605.....	34	U-2865.....	31	U-3112.....	13
T81-5.....	21	U-2094.....	29	U-2606.....	34	U-2867.....	31	U-3114.....	13
C85-28.....	21	U-2098.....	27	U-2607.....	34	U-2868.....	31	U-3118.....	15
CR88-8.....	21	U-2100.....	27	U-2608.....	34	U-2869.....	31	U-3123.....	19
CT91-3.....	21	U-2101.....	27	U-2609.....	34	U-2870.....	31	U-3124.....19,25	
CT91-17.....	21	U-2102.....	27	U-2610.....	34	U-2871.....	31	U-3125.....	19
U-103.....	53	U-2103.....	27	U-2611.....	34	U-2875.....	31	U-3126.....	19
C105-38.....	21	U-2104.....	27	U-2614.....	35	U-2876.....	31	U-3127.....	19
CR106-14.....	21	U-2105.....	27	U-2615.....	35	U-2877.....	31	U-3128.....	15
#0107.....	36	U-2106.....	27	U-2617.....	34	U-2885.....	47	U-3129.....	15
#0108.....	36	U-2107..27,51,53		U-2618.....	34	U-2887.....	25	U-3130.....	15
C109-2.....	21	U-2109..27,51,53		U-2619.....	34	U-2888.....43,49		U-3131.....	17
C111-9.....	21	U-2111.....	27	U-2621.....	34	U-2890.....	17	U-3132.....	17
C111-45.....	21	U-2123.....	27	U-2624.....	34	U-2909.....	27	U-3133.....	19
C111-63.....	21	U-2128.....	29	U-2625.....	34	U-3003.....	15	U-3135.....	19
C120-4.....	21	U-2132.....	41	U-2626.....15,34		U-3004.....	15	U-3138.....	15
CR121-21.....	21	E-2147.....	20	U-2630.....	34	U-3006.....	17	U-3141.....	19
C131-4x2.....	21	U-2149.....16,41		U-2631.....	34	U-3007.....	17	U-3142.....	17
CR134-1.....	21	U-2150.....	27	U-2632.....	34	U-3008.....	17	U-3143.....	19
C138-23.....	21	U-2151.....	37	U-2633.....	35	U-3009.....	17	U-3144.....	15
C138-24.....	21	U-2152.....	37	U-2638.....	35	U-3010.....	17	U-3146.....	19
C140-2.....	21	U-2219.....	35	U-2639.....	35	U-3011.....	17	U-3147.....	19
C142-16.....	21	U-2220.....	47	U-2645.....	34	U-3014.....	17	U-3149.....	17
U-145.....	43	U-2223.....	47	U-2646.....	35	U-3017.....	16	U-3155.....	17
CT150-1.....	21	U-2224.....	47	U-2647.....	35	U-3018.....	16	U-3156.....	19
U-219.....	25	U-2233.....	47	U-2648.....	35	U-3020.....	15	U-3157.....	15
B-305-N.....	34	U-2253.....	29	U-2649.....	35	U-3021.....	15	U-3158.....	15
U-310.....	47	U-2256.....	29	U-2670.....	41	U-3024.....	15	U-3159.....	27
U-334.....	53	U-2257.....	27	U-2671.....	36	U-3025.....	15	U-3160.....	20
#342.....	53	U-2258.....	27	U-2672.....	36	U-3027.....	16	U-3161.....	20
E-343.....	34	U-2260.....	37	U-2673.....	36	U-3028.....	16	U-3162.....	20
#382.....51,53		U-2262.....	29	U-2678.....	39	U-3030.....	15	U-3163.....	20
E-384.....	29	U-2265.....	29	U-2715.....	43	U-3031.....	16	U-3164.....	17
#389.....51,53		U-2269.....	43	U-2716.....	47	U-3033.....15,16		U-3165.....	27
#395.....	34	U-2272.....	43	#2720..27,39,51		U-3034.....	15	U-3166.....	17
E-425.....	53	U-2278.....	43	U-2743.....	43	U-3035.....	17	U-3167.....	17
#472.....51,53		U-2279.....	43	U-2744.....	43	U-3036.....	15	U-3168.....	22
U-479.....	45	U-2283.....	36	U-2745.....	31	U-3038.....	18	U-3169.....	22
#482.....51,53		U-2289.....	36	U-2746.....	31	U-3040.....	18	U-3170.....	22
								U-3171.....	22

NUMERICAL INDEX

PART No.	PAGE	PART No.	PAGE	PART No.	PAGE	PART No.	PAGE	PART No.	PAGE
U-3172.....	22	U-3809.....	13	204163.....	53	207508.....	39	208241.....	45
U-3173.....	22	U-3810.....	20	204164.....	53	207509.....	39	208242.....	45
U-3174.....	22	U-3861.....	47	204165.....	53	207550.....	25	208243.....	41
U-3175.....	22	U-3868.....	15	204166.....	53	207551.....	25	208244.....	45
U-3176.....	22	U-3869.....	15	204167.....	53	207552.....	25	208246.....	34
U-3178.....	20	U-3874.....	47	204168.....	53	207708.....	34	208247.....	34
U-3179.....	20	U-3898.....	23	204175.....	39	207721.....	25	208249.....	35
U-3180.....	41	U-3899.....	23	204176.....	49	207722.....	25	208250.....	35
U-3181.....	22	U-3901.....	23	204229.....	43	207723.....	25	208251.....	35
U-3182.....	22	U-3902.....	17	204339.....	35	207730.....	49	208252.....	35
U-3183.....	15	U-3903.....	23	204462.....	13	207731.....	49	208254.....	35
U-3184.....	19	U-3904.....	15	204541.....	53	207732.....	49	208255.....	35
U-3136.....	22	U-3908.....	15	204720.....	13, 15	207733.....	49	208256.....	20, 35
U-3187.....	20	#3920.....	35	204721.....	15	207735.....	49	208257.....	45
U-3188.....	13	#3920-A.....	34	204722.....	15	207834.....	23	208258.....	45
U-3192.....	25	U-3943.....	51	204728.....	53	207859.....	51	208259.....	37
U-3193.....	25	U-3944.....	51, 53	204801.....	17	207860.....	43	208260.....	34
U-3136.....	17	U-3945.....	51, 53	204803.....	41	207864.....	31	208261.....	45
U-3198.....	17	U-3946.....	51, 53	204827.....	41	207958.....	27	208283.....	25, 45
U-3201.....	15	U-3947.....	51, 53	204828.....	41	207959.....	27	208285.....	45
U-3203.....	25	U-3949.....	51, 53	204838.....	29	207975.....	53	208286.....	29
U-3204.....	20	U-3958.....	51, 53	204863.....	23	207976.....	53	208288.....	29
U-3205.....	20	U-3959.....	51	204882.....	31	207977.....	53	208289.....	29
U-3208.....	41	U-3960.....	51, 53	204912.....	23	208032.....	47	208290.....	29
U-3210.....	13	U-3961.....	51	204925.....	15, 16	208046.....	17	208291.....	29
U-3226.....	27, 47	U-3962.....	51	204926.....	13, 15	208070.....	34	208292.....	29
U-3227.....	27, 53	U-3963.....	51, 53	204971.....	47	208073.....	34	208293.....	29
U-3233.....	49	U-3964.....	51, 53	205215.....	17	208074.....	34	208294.....	29
U-3234.....	49	U-3965.....	51, 53	205260.....	15	208085.....	29	208295.....	29
U-3236.....	49	U-3966.....	51, 53	205286.....	37	208094.....	34	208296.....	29
U-3240.....	49	U-3967.....	51, 53	205287.....	37	208095.....	35	208297.....	29
U-3241.....	49	U-3968.....	51, 53	205430.....	53	208098.....	34	208298.....	45
U-3242.....	49	U-3970.....	51, 53	205506.....	35	208101.....	23	208302.....	45
U-3245.....	49	U-3971.....	51, 53	205760.....	47	208104.....	41	208332.....	45
U-3249.....	49	U-3972.....	27	205761.....	47	208106.....	41	208333.....	45
U-3250.....	49	U-3974.....	51	205762.....	47	208109.....	41	208337.....	45
U-3251.....	49	U-3975.....	51	205763.....	47	208110.....	41	208354.....	13
U-3252.....	49	#3982.....	35	205764.....	47	208112.....	41	208362.....	41
U-3269.....	34	U-3985.....	16	205765.....	47	208114.....	23	208363.....	41
U-3270.....	34	U-3989.....	13	205766.....	47	208115.....	41	208364.....	27
U-3271.....	34	U-3990.....	51	205788.....	34	208119.....	41	208370.....	34
U-3272.....	34	U-3991.....	51	205800.....	25	208122.....	41	208372.....	34
U-3292.....	47	U-3992.....	51	205807.....	13	208123.....	41	208373.....	34
U-3293.....	47	U-3994.....	51	205826.....	17	208124.....	41	208377.....	41
U-3294.....	47	U-4000.....	13	205834.....	25	208125.....	29	208391.....	27
U-3295.....	47	U-4013.....	17	205916.....	47	208126.....	35	208392.....	27
U-3296.....	47	U-4014.....	15	205917.....	47	208127.....	35	208393.....	27
U-3310.....	39	#7309.....	34	205932.....	27	208128.....	45	208401.....	45
#3320.....	53	8505.....	29	205933.....	27	208129.....	45	208443.....	43
U-3352.....	36	AM-9248.....	49	206049.....	31	208131.....	16	208444.....	43
U-3353.....	36	AM-9472.....	49	206085.....	39	208132.....	16	208445.....	43
U-3357.....	47	#14131.....	53	206289.....	15	208152.....	45	208446.....	36
U-3358.....	47	14137.....	49	206343.....	39	208186.....	43	208448.....	29
U-3435.....	29, 45	14274.....	49, 53	206417.....	47	208187.....	25	208504.....	29
U-3441.....	20	15118.....	27, 49	206456.....	35, 49	208195.....	16	208505.....	29
U-3446.....	39	#15250.....	27, 39, 49	206751.....	53	208197.....	45	208543.....	47
U-3449.....	49	23700.....	27, 51, 53	206752.....	53	208198.....	45	208564.....	18
U-3461.....	15	23704.....	27, 51, 53	206753.....	53	208199.....	45	208566.....	18
U-3462.....	27	#26820.....	35	206785.....	49	208200.....	45	208597.....	37
U-3463.....	27	#26882.....	35	206786.....	49	208201.....	20	208598.....	37
U-3464.....	27	33453.....	27	206861.....	17	208202.....	41	208625.....	34
U-3465.....	31	33454.....	27	206863.....	43	208204.....	45	208653.....	34
U-3496.....	29	035068.....	47	207122.....	19	208205.....	41	208654.....	34
U-3498.....	29	035892.....	49	207123.....	19	208206.....	43	208662.....	18
U-3526.....	25	#44156.....	34	207132.....	15	208207.....	43	208663.....	39
U-3527.....	25	#44348.....	34	207151.....	15	208208.....	29	208684.....	25
U-3532.....	31	#47510.....	31	207152.....	15	208211.....	25	208690.....	45
U-3621.....	25	#94520.....	31	207174.....	35	208212.....	41	208709.....	36
U-3623.....	29	#94532.....	49	207175.....	35	208213.....	45	208710.....	36
U-3644.....	15	#94632.....	31	207187.....	34	208214.....	45	208711.....	36
U-3653.....	25	204061.....	15, 16	207244.....	25, 41	208215.....	19, 45	208776.....	31
U-3660.....	49	204144.....	25	207245.....	41	208218.....	45	208817.....	18
U-3661.....	35, 49	204147.....	49	207246.....	41	208219.....	45	208824.....	31
U-3673.....	29	204150.....	49	207378.....	47	208220.....	45	208825.....	31
U-3730.....	49	204152.....	49	207455.....	13, 15	208221.....	29	208826.....	31
U-3731.....	49	204153.....	49	207436.....	13, 15	208222.....	23	208830.....	18
U-3737.....	47	204155.....	53	207469.....	31	208225.....	45	208869.....	37
U-3739.....	49	204156.....	53	207481.....	15	208227.....	53	208901.....	25
U-3768.....	49	204158.....	53	207493.....	39	208230.....	45	208943.....	49
U-3769.....	49	204159.....	53	207494.....	39, 53	208231.....	45	208960.....	45
U-3779.....	51, 53	204160.....	53	207495.....	39	208232.....	45	209021.....	35
U-3808.....	29	204161.....	53	207501.....	25	208233.....	45	280006.....	13
		204162.....	53	207503.....	39, 53	208237.....	43		

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