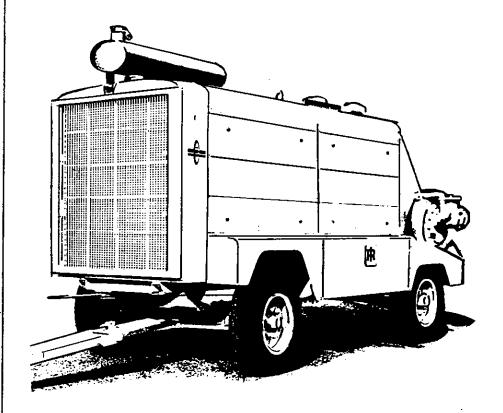


GYRO-FLO DR 600

DIESEL ENGINE PORTABLE AIR COMPRESSOR



Doosan purchased Bobcat Company from Ingersoll-Rand Company in 2007. Any reference to Ingersoll-Rand Company or use of trademarks, service marks, logos, or other proprietary identifying marks belonging to Ingersoll-Rand Company in this manual is historical or nominative in nature, and is not meant to suggest a current affiliation between Ingersoll-Rand Company and Doosan Company or the products of either.

Revised (10-12)

INSTRUCTIONS & PARTS LIST

TP12040

INSTRUCTIONS & PARTS LIST

GYRO-FLO

FOREWORD

In preparing this publication, every effort has been made to provide sufficient information to permit an operator to perform his duties so as to receive maximum performance and trouble free service from the compressor. All classes of equipment, regardless of how well built, require a certain amount of attention. The purpose of this publication is to acquaint an operator with the functions, operation and servicing of the various components, which were built with the very best of materials and workmanship, to obtain maximum life from the compressor.

Before starting the compressor, the instructions should be carefully read to obtain a thorough knowledge of the duties to be performed. Take pride in the compressor, keep it clean, and in good mechanical condition. For major servicing, not covered in this publication, consult your nearest Ingersoll-Rand Company Branch Office, or the distributor from whom the compressor was purchased. Correspondence with a branch office, or distributor, must always specify the serial number of the compressor as well as the model.

INDEX BY SECTION INSTRUCTION SECTION INDEX

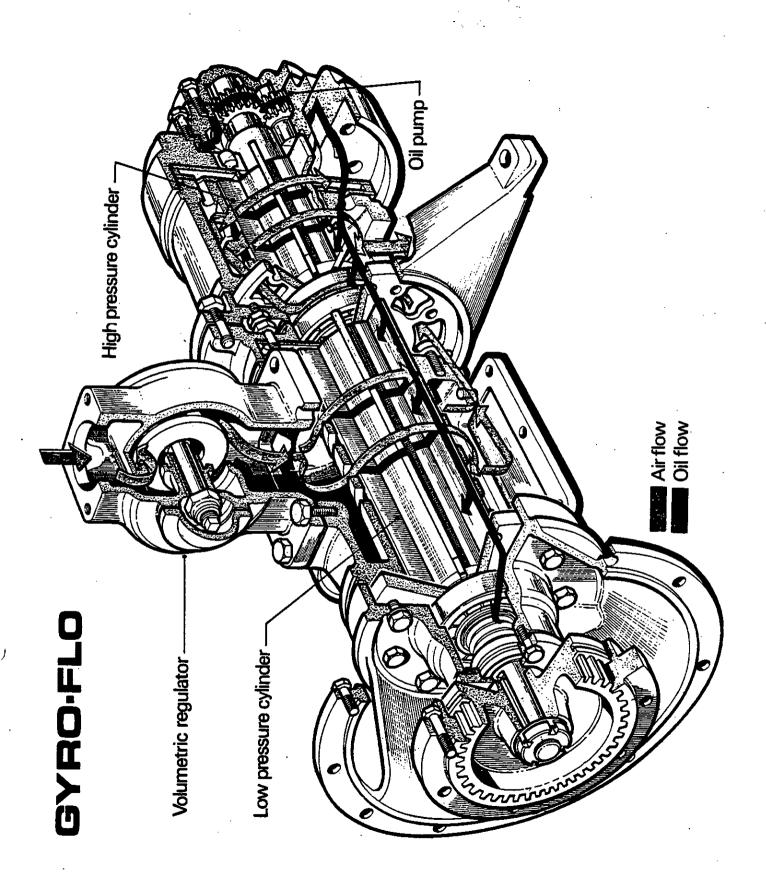
Section	1.	Instructions	Section	5.	Flexible Tubing
Section	2.	Drivers	Section	6.	Auxiliary Parts
Section	3.	Air End	Section	7.	Spares
Section	4.	Running Gear, Frame Housing	Section	8.	Optional Equipment

DESCRIPTION	Pages 1, 2, 3 & 4
OPERATION	Page 4
MAINTENANCE	Page 5
LUBRICATION	Pages 5 & 6
REGULATION	Page 7
WIRING	Pages 8, 9 & 10
TROUBLE SHOOTING	Pages 11, 12, 13 & 14
DADEC LICE	Dagga 15 % 16

DRIVERS - Section 2		AUXILIARY PARTS - Section 6	, , , , , , , , , , , , , , , , , , ,
Cummins Engine Rolls Royce Engine G. M. Engine AIR END - Section 3	Page 1 Page 2 Page 3	Fuel Tank UL88 Regulator Cummins UL88 Regulator Rolls-Royce UL88 Regulator G. M. UL88 Regulator Linkage Cummins	Page 1 Page 2 - 3 Page 4 - 5 Page 6 - 7 Page 8
UL-89 Volumetric Regulator L. P. Cylinder H. P. Cylinder Cummins & Rolls-Royce H. P. Cylinder G. M. Lubricating Oil Pump Parts Not Illustrated	Page 1 Page 2 & 3 Page 4 & 5 Page 6 & 7 Page 8 & 9 Page 10	UL88 Regulator Linkage Rolls-Royce UL88 Regulator Linkage G. M Oil Separator Oil Filter Compressor Air Filter Radiator & Oil Cooler Cummins. Radiator & Oil Cooler	Page 9 Page 10 - 11 Page 12 - 15 Page 16 Page 17 Page 18 - 19
RUNNING GEAR, FRAME HOUSING Lifting Bail Running Gear Housing Cummins. Housing Rolls Royce Housing G. M. Brake Assembly Parts Not Illustrated	- Section 4 Page 1 Page 2 - 5 Page 6 - 7 Page 8 - 9 Page 10 - 11 Page 12 Page 13	Rolls-Royce. Radiator & Oil Cooler G. M. Engine Air Filter Cummins & GM Engine Air Filter Rolls-Royce(RR) Oil Pump Relief Valve Oil Temp. By-Pass Valve Instrument Panel Cummins Instrument Panel Rolls-Royce Instrument Panel G. M. Parts Not Illustrated	Page 20 - 21 Page 22 - 23 Page 24 - 25 Page 26 - 27 Page 28 Page 29 Page 30 - 31 Page 32 - 33 Page 34 Page 35 - 38
FLEXIBLE TUBING - Section 5 Flexible Tubing Nylon Tubing Cummins Nylon Tubing G. M. Nylon Tubing Rolls-Royce Parts Not Illustrated	Page 1 Page 2 - 3 Page 4 - 5 Page 6 - 7 Page 8	SPARES - Section 7 Spare Parts Boxes Cummins Spare Parts Boxes Rolls-Royce . Spare Parts Boxes G. M OPTIONAL EQUIPMENT - Section 8 Optional Equipment Cummins	Page 1 - 2 Page 3 - 4 Page 5 - 6

INSTRUCTIONS & PARTS LIST

GYRO-FLO



COMPRESSOR

Model	DR600-
Delivery	17.0 M ³ /Min (600 c.f.m.)
Rated Operating Pressure	7.03 kg/sq.cm. (100 psi)
Type	Rotary Vane
Number of Stages	Two
Type of Cooling	Oil
Oil Capacity Compressor	114 litres (25 Imp. Galls)
Air Filter Compressor	Air Maze / J700 AA
Air Filter Oil Capacity	0.85 litres (1.5 Imp. Pints)
Oil Filter Compressor	Air Maze 03FK30

DIMENSIONS

Length, Drawbar Extended	580 cms. (19 -0")
Length, Drawbar Parked	450 cms. (14' - 9'')
Width (overall)	178 cms (5' - 10")
Height	252 cms (8' - 3'')
Tyre Pressures	4.71 kg/sq.cm (67 psi)

GENERAL

The Gyro-Flo series air compressor is a two-stage, rotary air compressor, directly connected to and driven by a compressor-matched, heavy-duty, industrial engine to provide optimum performance and fuel economy. The compressor and engine are mounted on a sturdy channel-section welded steel frame and the entire assembly is completely enclosed in a sheet steel housing. The unit is equipped with rubber tyres, semi-elliptical spring mountings, and automotive type steering to facilitate towing. Less running gear units are furnished on temporary wooden shipping skids.

Standard equipment includes engine and compressor inlet air cleaners, inlet unloader. engine speed regulator, full instrumentation and controls, and an air receiver - oil -eparator system. The compressor lubricating oil system includes an oil cooler, oil cooler by-pass valve, oil filter, oil pump and a combination air receiver, lubricating oil storage reservoir, and lubricating separator, called a receiver - separator. The engine is provided with an electrical starting system, large capacity fuel tanks and a coolant radiator. On Cummins and Rolls-Royce units cold weather starting aid are supplied as optional equipment. engine operator's and parts manual is provided with each unit shipped from the factory. Refer to this manual for specific information concerning the engine in your

The compressor is of the sliding vane, rotary type, with the air compressed in two stages. The first stage, or low pressure, rotor chamber has the same cylinder bore diameter as the second stage, pressure, rotor chamber; however, the low pressure chamber, and its rotor, considerably longer than the high pressure chamber and its rotor. The rotors are each slotted to receive sliding vanes, which are sealed by the copious amount of lubricating and cooling oil fed to the cylinder bores. The rotor vanes are held against the cylinder bore walls by centrifugal force when the compressor is operating. In an area where the low pressure rotor vanes are well out of their rotor slots, the intake air introduced to the compressor fills the spaces between the vanes. As rotation proceeds, the vanes are forced inwardly in their slots due to the low pressure cylinder bore being eccentric to the

low pressure rotor. This causes the space between the vanes to decrease, thus the volume of air trapped in this space is compressed. As this space volume approaches zero, the compressed air in the low pressure rotor chamber is directed to the high pressure rotor chamber. In a like manner, the compression cycle in the high pressure rotor chamber is repeated, thus the air pressure is raised from the interstage pressure to its final discharge pressure. AIR FLOW

Air flow through the compressor system can be regulated from full capacity to zero capacity dependent upon the air demand placed upon the unit. Output can be reduced to approximately 60% by the speed and pressure regulator which slows the engine. Further reduction to zero capacity is accomplished by the inlet unloader. The unloader, mounted on the compressor intake port, controls the capacity of the compressor through a throttling effect.

INSTRUMENTATION

The instruments on a Rolls Royce and Cummins engine unit are located on one panel, the GM engined units having two panels. Instruments include discharge air pressure gauge, interstage pressure gauge, engine water temperature indicator, engine oil pressure gauge, hour counter, ammeter, starting switch or push button and decompression handle.

OUT OF LEVEL OPERATION

Standard Engine Standard Oil Pan			
Type	Lengthwise	Sidewise	
DRGM-600 DRC-600 DRR-600	30° 24° 24°	30° 30° 30°	

*The engine, and not the compressor is the limiting factor in all cases. When the unit is to be operated out of level, it is more important to keep engine crankcase oil level near the high mark than when operating on level ground. The out-of-level degrees are given on the assumption that the engine crankcase is filled to the high level mark (with the unit level) and the compressor oil gauge shows nearly full. Do not over-fill either the compressor lubricating system or the engine crankcase.

These figures are based on oil at full level in both engine and compressor when the unit is standing on level ground Do not overfill.

Maximum Towing Speed

The maximum towing speed of a DR-600 is 20 m.p.h.

OPERATION

CAUTION

Do not connect the air discharge on this unit into a common header with any other unit of any description, or any other source of compressed air, without first making sure a check valve is used between the header and the unit. It is extremely important that any backflow of discharge line pressure be prevented to insure against possible contamination of the compressor lubricating and cooling oil and to prevent the formation of scale in the receiver-separator.

OPERATING INSTRUCTIONS

BEFORE STARTING

- 1. Set the portable compressor on level ground and in as clean a located as possible.
- 2. Open manual blowdown valve to relieve any pressure in system. Close valve after relieving pressure in system.
- 3. Check compressor and engine lube oil levels. Check radiator coolant level. Check battery electrolyte level. Check fuel level in fuel tank. Check restriction indicator on air cleaners.
- 4. Close all service valves. Caution: All service valves and manual blowdown valve must be closed before starting to build up full air pressure.

STARTING

1. The unit is equipped with a manual control lever. Latch the lever in the fixed starting position.

- 2a On Rolls-Royce and Cummins switch on protection circuit toggle switch, depress safety control switch and hold down with one hand, while operating starter button with other hand. Hold Safety Control Switch until engine oil pressure reaches normal then release.
- 2b On G. M. units press starter button until engine fires. Release immediately engine starts.
- 3. When fully warmed up, unlatch lever from the fixed start position. This allows the UL-88 Speed and Pressure Regulator to take over. Connect air load to the compressor and open the service valve allowing air demand to regulate output as required.

STOPPING

- 1. Close all service valves. Allow unit to run unloaded for a few minutes to reduce engine temperature.
- 2a On Rolls-Royce and Cummins shut down by lifting toggle switch to stop the engine.
- 2b On G.M. shut down by pulling the decompression handle.
- 3. As soon as engine stops automatic blowdown valve should immediately relieve all pressure from receiver-separator. Caution: Never allow unit to stand idle with pressure in receiver-separator system.

FEBRUARY'73

PREVENTIVE MAINTENANCE

- 1. Drain condensate from receiverseparator daily.
- 2. Check compressor oil level daily. Add oil only if on "low" mark when not running.
- 3. Fill fuel tanks at end of working day to prevent condensate. Drain condensate and sediment every six months.
- 4. Service air cleaners weekly, or more often if operating in very dusty conditions.
- 5. Checktyre pressures weekly. Maintain correct pressure.
- 6. Check battery electrolyte level and specific gravity weekly. Keep terminals clean and lightly greased.
- 7. Lubricate regulator linkages weekly.
- 8. Keep exterior of radiator and oil cooler clean of accumulated oil, dirt and grease.
- 9. Change compressor lube oil every 500 hours or more frequently if operating under adverse conditions.

10. Service compressor oil filter at every oil change. Drain and clean sump of accumulated sludge. Inspect sump and element for evidence of lacquer formation.

NOTE: On new or overhauled units, clean element after first 50 and 150 hours, thereafter at each oil change.

CAUTION: Evidence of lacquer formation is a warning the lube oil has improper characteristics and should be changed immediately.

- 11. Check operation of safety shutdown switches every three months. Remove switches and check settings every year.
- 12. Remove and clean oil line screen and orifice in scavenger line every 1000 hours.
- 13. Apply grease to running gear lube fittings and to slip end of springs every six months.
- 14. Clean, inspect and repack wheel bearings every twelve months.
- 15. Maintain engine per engine operator's manual.

LUBRICATION

LUBRICATING OIL RECOMMENDATIONS

Normal Operation between 125°F (51.7°C) and -10°F (-23.3°C) Ambient.

Use an oil conforming to Specification MIL-L-2104B SAE 10W.

- 2. Normal Operation Between 10 ° F (-23.3°C) and -40°F (-40°C) Ambient.

 Use DEXRON* automatic transmission fluid.
- 3. Heavy Duty Operation Between 125°F (51.7°C) and -40°F(-40°C) Ambient.

Use DEXRON *automatic transmission fluid.

Drain and refill with new oil every 500 operating hours or every six months, whichever comes first.

Clean the oil filter element at each oil change.

CAUTION

Shorter oil change intervals may be necessary if unit is operated under adverse conditions.

Consult manufacturer for oil recommendation for ambient temperatures below -40°F (-40°C).

FEBRUARY'73

*Reg. T. M. of G.M. Corp.

GENERAL

Both compressor lubrication and cooling are accomplished by the compressor lubricating oil. The oil is forced from the oil storage reservoir, under system pressure, through an oil cooler and an oil filter directly to the compressor oil pump.

The cooler is located at the radiator end of the unit in such a manner the engine fan serves to cool both the engine jacket coolant and the compressor lubricating oil.

When the compressor is operating at low capacity, some of the oil may by - pass the cooler through a thermostatically controlled by-pass valve. This valve by-passes varying amounts of oil, depending upon the temperature, until the oil being circulated reaches a temperature of 185°F (85°C) thus maintaining a higher average oil temperature thereby reducing the possibility of water vapour condensation in the oil.

Relatively oool lubricating oil is admitted under oil pump pressure to the compressor bearings and is also injected in metered amounts, directly to the rotor chamber. All of the oil thus introduced mixes with, and passes on with the air being compressed, thus removing the heat of compression to a large degree.

On its way to the final discharge connection the air passes through piping to the receiver-separator where the oil is removed from the air to collect in the oil storage reservoir. Primary separation of the oil takes place through a change in velocity and direction as the compressed air enters the receiver-separator, dropping out most of the oil from the air.

Secondary separation takes place in the oil separator, which is located entirely within the receiver - separator. The oil separator consists of a series of chambers packed with an oil diverting medium.

Any oil accumulation in this secondary oil separator is continuously drained off by means of a scavenger pump, which returns the accumulated oil to the receiver-separator tank.

COMPRESSOR LUBRICATING AND COOLING OIL

Normally these units are furnished with an initial supply of oil sufficient to allow operation of the unit for approximately 500 hours; however, if a unit has been completely drained of all oil, the oil storage reservoir in the primary oil separator must be refilled with new oil before operating the unit.

If the unit has been operated for 500 hours (or when the oil level gauge indicates low when the unit is shut down and is standing approximately level) it should be completely drained of oil. If the unit has been operated under adverse conditions, or under long shutdown periods, an earlier change may be necessary as oil deteriorates with time as well as by operating conditions. Complete replacement of the old oil with clean new oil every 300 to 500 hours, depending upon operating conditions, is not only desirable, but is good insurance against the accumulation of dirt, sludge, or oxidized oil products.

Completely drain the receiver-separator and the piping. After the unit has been completely drained of all old oil, replace the drain plugs, making sure they are tight. If the oil is drained immediately after the unit has been run for some time, most of the sediment will be in suspension and, therefore, will drain more readily.

WARNING

Do not, under any circumstances, remove any drain plugs, or the oil filler plug from the compressor lubricating and cooling oil system without first making sure the air receiver system has been completely relieved of all air pressure.

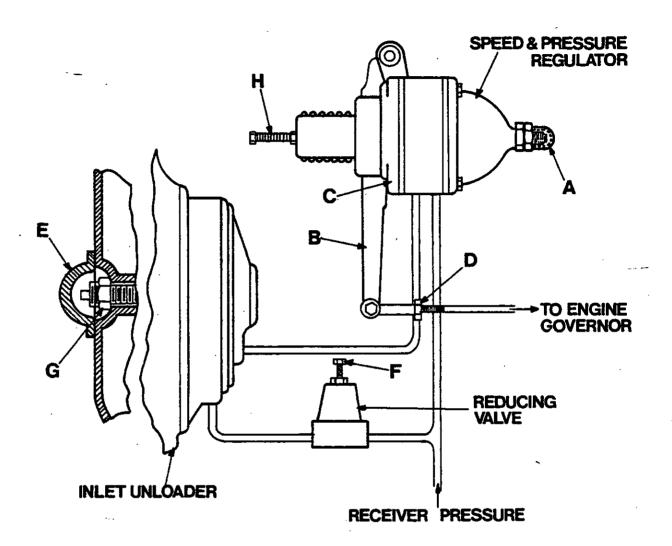
CAUTION

Some oil mixtures are incompatible, and result in the formation of varnishes, shellacs, or lacquers which may be insoluble. Such deposits can cause serious troubles including clogging of the filter. Where possible, try to avoid mixing oils of the same type but different brands. A brand change is best made at the time of a complete oil change.

ENGINE LUBRICATING OIL

Refer to engine operator's manual.

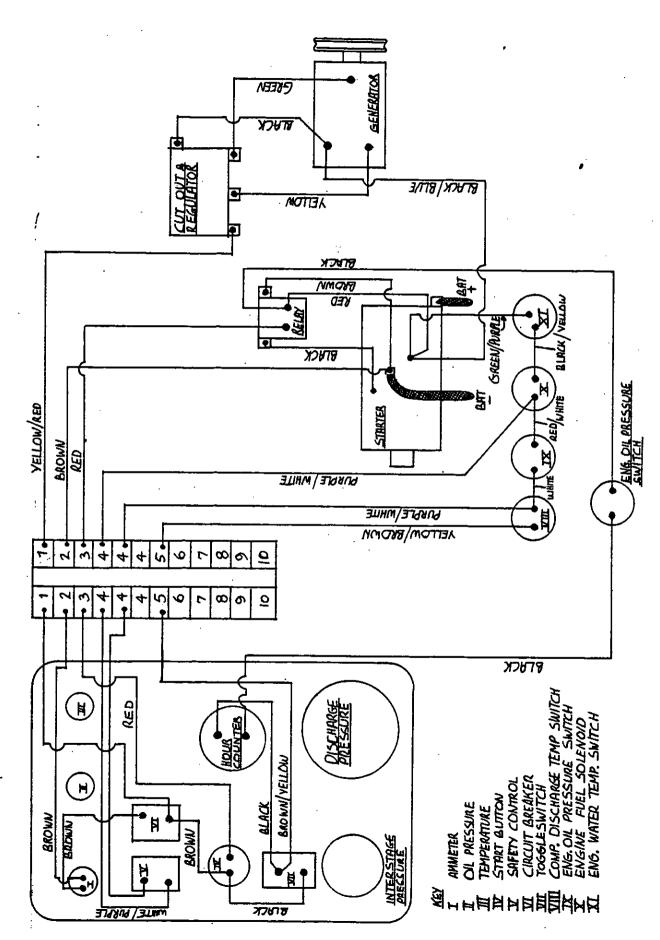
SPEED & PRESSURE REGULATOR ADJUSTING INSTRUCTIONS



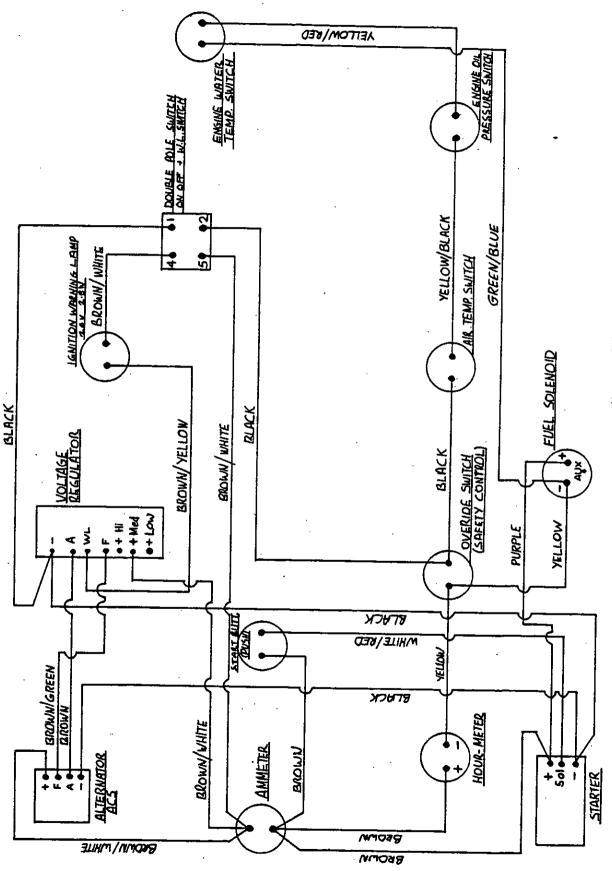
Normally regulation requires no adjusting, but if proper adjustment is lost, proceed as follows:

- With discharge pressure held at 100 psig adjust screw (a) so that lever (b) remains firmly against full speed stop (c).
- 2. Adjust length of governor link rod at (d) to hold engine speed of 1800 rpm with discharge pressure held at 100 psig.
- 3. With discharge pressure still held at 100 psig, back out adjusting screw (a) until engine speed just starts to fall off and lever (b) just begins to move away from stop (c). Lock adjustment (a).
- 4. With inlet unloader nut cover (e) removed, slowly close service valve until engine speed falls off to approximately 1350 rpm. Adjust pressure regulator adjusting screw (f) until unloader valve lock nut (g) seats in unloader body. Check engine speed is still 1350 rpm. Back out adjusting screw (f) until unloader valve lock nut (g) just unseats. Lock adjusting screw (f).
- 5. Close service valve completely and adjust low speed stop screw (h) to hold idle speed of 1000 rpm (make sure low speed screw on engine governor is not holding idle speed above 1000 rpm). Lock adjustment of stop screw (h).

FEBRUARY'73



Wiring Diagram DR-600 Cumming Powered Units.



Wiring Diagram DR-600 General Motors Powered Units.

GENERAL

This section contains a trouble shooting chart, which will aid and guide the operating personnel by indicating possible troubles that may occur in the operation of your unit. Trouble shooting for the engine is not given in this instruction book. Refer to your engine Operator's Manual covering trouble shooting.

The trouble shooting chart lists the probable causes of the troubles that may occur and the necessary remedies for correcting the troubles, and are listed in the chart in the order in which they are most apt to occur.

The necessary remedies include servicing, adjusting or repair, and replacement of the components causing trouble.

NOTE:

Please refer to the following pages for chart.

Trouble	Probable Cause	Remedy	Trouble	Probable Cause	Remedy
1. Overheating or "Tripping" of compressor high discharge temperature shutdown switch. NOTE: For "Tripping" of engine water temperature or engine oil pressure shutdown switches, see Trouble Shooting section of engine operator's manual.	1. Radiator and/or oil cooler external surfaces covered with oil, grease, dirt, etc. 2. Radiator and/or oil cooler systems low on coolant levels. 3. Fan belt(s) loose. 4. Fan shroud not properly adjusted (models with adjustable shrouds only).	1. Clean with solvent and compressed air. 2. Refill to proper levels. 3. Tighten to correct tension. 4. Adjust shroud.		13. Low discharge air pressure due to faulty minimum pressure valve. Low discharge pressure causes oil pump to lose suction thereby starving compressor of lubricating and cooling oil. This generally results in high operating temperatures which, under normal conditions, will cause the discharge air temperature switch to function.	Ì
manuat.	5. Using antifreeze in high ambient conditions.	5. Drain and refill with clean water.		14. Failure to "trip" or shutdown on overheating.	14. Check for faulty discharge air temperature switch.
	6. Recirculation of cooling air due to proximity of other units or wind conditions,	6. Relocate machines allowing more space between units. Note ambient temperature one foot in front of		15. Faulty discharge air temperature switch. 16. Thermostat controlled bypass valve not closing properly.	15. Refer to trouble number 8 and its probable causes and remedies. 16. Drain lubricatig and cooling oil system. Remove
	7. Operating at pressure in excess of maximum stated on General Data Plate.	oil cooler. 7. Reduce discharge pressure to specified maximum.			oil temperature valve from bypass valve. Test valve operation in hot oil bath with thermometer, and replace if necessary.
·	8. Regulation system improperly adjusted.	Adjust regulation according to instructions on Speed and Pressure Regulator Adjusting Instruction Plate.	2. Clogged compressor lubricating cooling oil system.	 Receiver-separator clogged with debris. 	Drain lubricating and cooling oil system. Clean and flush receiver—separator. Replace secondary separator element if excessively de-
	Wrong type or grade of com- pressor lubricating and cool- ing oil.	Check specification requirements for lubricating and cooling oil. Use proper grade for ambient temperature.		Oil cooler clogged with eludge and lacquer de- posits.	teriorated, 2. Drain lubricating and cooling oil system, Remove, clean and flush interior of oil
	10. Clogged compressor oil fil- ter.	10. Remove oil filter; clean sump and replace element.	·		cooler. Refill oil sys- tem with new oil to cor- rect specifications.
	11. Clogged compressor oil cooler.	Check oil cooler for flow resistance. Clean and flush lubricating and cooling oil system.			
	12. Clogged lubricating and cooling oil aystem.	12. If the unit is automatically shutting down, and the oil to the oil cooler is hot and the return oil line is cool, check and clean the oil cooler and the oil filter. Also clean the thermostatic bypass valve. See also trouble \$2.		·	,

Trouble	Probable Cause	Remedy	Trouble	Probable Cause	Remedy
3. Excessive com- pressor lubrica- ting and cooling oil consumption. (Passing too much	Clogged screen in scavenger line. Discharge pressure too low.	Remove, inspect and clean screen. Do not operate below 70	6. Failure of dis- charge air tem- perature switch.	Improper connections or defective wiring.	Check for loose connections and faulty wiring causing an open or short circuit.
oil out with the dis-	Plugged orifice in scavenger line (if fitted). Deteriorated secondary asparator element.	3. Remove, inspect and clean orifice. 4. Remove secondary separator. Replace	•	2. Defective switch.	Remove and test switch operation by placing bulb end in bath of oil heated to approximately 230°F (110°C). Tap switch tightly during
4. Unable to obtain correct engine speeds. Unit will	Engine in poor operating condition.	element if excessive settling or deterior- ation is indicated. 1. Refer to engine Operator's Manual for trouble shooting of the			checking operation. Re- place switch if defective. DO NOT OPERATE UNIT WITH DEFECTIVE SWITCH OR BY SHORT- ING OUT SWITCH.
not unload. Pres- sure keeps rising until safety valve blows off.	2. Speed and pressure regulator out of adjustment.	engine. 2. Readjust speed and pressure regulator according to plate on unit.	7. Failure of oil level gauge.	Oil level gauge float (s oil logged.	Drain lubricating and ocolling oil from system. Remove and inspect gauge float. Replace gauge if float leaks or
·	plugged.	Check air passages and orifice; clean if plugged. Readjust discnarge pressure within limits stated.		Magnetic end of flat shaft clogged with attracted par- ticles.	has collapsed. 2. Drain lubricating and cooling oil from system. Remove and clean under
·	•	on plate on unit. 5. Inspect disphragms for deterioration; replace if necessary.			arms of magnet. Thor- oughly clean and flush receiver-separator. Re- fill oil system with new oil.
	sure regulator metering pin and lever disphragms.	6. Inspect disphragms for deterioration; replace if necessary. 7. Inspect metering pin	8. Short air cleaner element life or frequent servicing of oil-bath-type air cleaners (if	Exhaust soot from other machines running close by or from own exhaust due to wind conditions.	Space machinus farther apart. Add exhaust stack extensions to get exhaust soot above level of air intakes of adjacent
	and pressure regulator metering pin.	and metering pin seat for improper seating due to scale or rust. Clean pin and seat; re- place if necessary.	fitted).		machines,
 Defective engine speed and pressure regulator. 	I. Worn or deteriorsted dia- phragms.	Remove and disassemble regulator; replace both metering pin seat and regulator lever dia- phragms.			
	 Metering pin not seating properly. 	t. Remove and dissessemble regulator; clean meter- ing pin and seat of any scale or rust; replace if necessary.			
					ŀ

SECTION NOTES

The Model DR-600 Gyro-Flo Compressor is manufactured with the finest quality material. Years of research and experience have been combined with quality workmanship and careful inspection to provide many years of dependable trouble-free operation.

The section, which contains an illustrated parts breakdown, has been carefully prepared as an aid in locating those parts which may be required in the maintenance of the unit. All of the compressor parts, listed in the parts breakdown, are manufactured with the same precision as the original equipment. For the greatest protection, always insist on Ingersoll-Rand Company parts for your compressor.

Ingersoll-Rand Company service facilities and genuine parts are available world-wide. There are Ingersoll-Rand Company Branch Offices. and authorized distributors. conveniently located in the principal cities of the United States and throughout the free world. Each branch office, or authorized distributor, is thoroughly equipped with a full and adequate supply of genuine Ingersoll-Rand Company parts. For faster and better service, your parts requirements should be ordered from your nearest Ingersoll-Rand Company Branch Office or authorised distributor. A list of branch offices will be found in the rear of this publication. Each branch office is ably equipped to provide technical assistance with prompt, intelligent, and courteous service, either correspondence or personal contact.

All parts orders pertaining to the diesel engine should be referred to your nearest Engine Company, authorised distributor. Correspondence concerning the diesel engine should always include the engine serial and model number as well as the type number of the components being ordered.

One complete set of instruction books and parts lists covering both the compressor and engine is shipped with each compressor. Additional copies of the compressor literature may be obtained from your nearest Ingersoll - Rand Company Branch Office or authorized distributor. For additional copies of the engine literature, consult your nearest Engine Company, authorised distributor.

INTRODUCTION

The illustrated parts breakdown illustrates, lists and describes the various assemblies, sub-assemblies and detail parts

which make up the Model DR-600 Air Compressor. Each group of parts is accompanied by an illustration which shows each individual parts as clearly as possible and in its correct location relative to the other parts in the illustration. Reference numbers only are used on each illustration. These numbers correspond to those in the illustration number column in the list of parts which follows each illustration.

Each illustration is followed immediately by a listing of the component parts. These component parts are listed in numerical order according to the number shown in the illustration.

A special feature of this parts listing is a system of identifying those parts which are included with an assembly or with other parts. The included part, or parts, is denoted by being indented from the previous item. When a part is ordered that has an indented item, or items, following the parts, the indented items are always included with that part. Indented items may also be ordered individually.

There are a number of items in the parts listing that are located on the rear or front of the unit, or that are identified as being either right hand or left hand parts. These parts are modified with the necessary descriptive information to properly identify them. In referring to the rear, the front or to either side of the unit, always consider the receiver - separator as the rear of the unit. Standing at the rear of the unit facing the receiver-separator, will determine the right and left sides.

The right hand columns show both the part number, and the quantity of each item. The quantity given is the total quantity required per assembly or per group of parts.

HOW TO ORDER

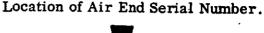
The satisfactory ordering of parts by a purchaser is greatly dependent upon the proper use of all available information. By supplying your nearest Ingersoll - Rand Company Branch Office, or authorized distributor, with complete information, you will enable them to fill your order correctly and avoid any unnecessary delays. In order that all avoidable errors may be eliminated, the following instructions are offered as a guide to the purchaser when ordering replacement parts.

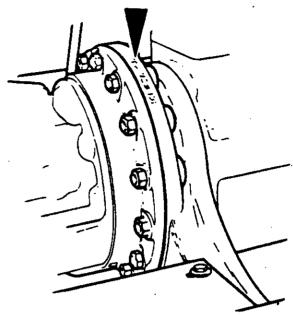
- a. Always specify the model number of the unit as shown on the model plate attached to the housing.
- b. Always specify the serial number of the unit. (This is very important). The serial number of the unit will be found stamped on the instruction plate attached to the housing. The serial number of the unit will also be found stamped in the top edge of the truck frame.
- c. Always specify the form number of this publication
- d. Always specify the description of the part, or parts, as well as the part number exactly as it is given in the parts listing. Do not order a part, or parts, using the illustration number.
- e. Never use such terms as "Assembly", "Complete", or "Sets" unless these terms appear specifically in the parts listing.
- f. Always specify the quantity of parts required.

In the event parts are being returned to your nearest Ingersoll-Rand Company Branch Office, or authorized distributor, for inspection or repair, it is extremely important to include the serial number of the unit from which the parts were removed. This is necessary if the branch or distributor is to take care of your order promptly.

Engine parts must be ordered from your nearest Engine Company, authorized distributor.

SPARE PARTS (not illustrated)





SPARE PARTS

Special selections of spare parts have been prepared as insurance against prolonged shut - down periods. These selected parts. called spare parts boxes, are shown itemized in the rear of this section. The contents of each spare parts box are carefully selected so as to provide maximum protection for the unit with a minimum number of parts. Three sizes of spare parts boxes, ranging from small to extra large, are available. small spare parts box is suitable minimum domestic use while the large is suitable for average domestic use or for minimum export use. The extra large spare box is suitable to maintain up to five units. domestically; or up to two units in foreign countries. or in remote locations, where transportation facilities may be slow.

Section 7 will give you the correct part numbers and the contents of each box in the event they were not obtained at the time the compressor was purchased.

Part No.	Name of Part
R600P150	Air End Complete(Includes: Low Pressure Cylinder Assembly, Part Number R600P185; High Pressure Cylinder Assembly, Part Number TR600P175 and Lubricating Oil Pump Assembly, Part Number TR600P225.
T2R600P750	Complete Set of Gaskets and "O" Rings.

AND ASSOCIATED PARTS

SECTION 2. INDEX

INDEX

Cummins Engine	Page 1
Rolls-Royce Engine	Page 2
G. M. Engine	Page 3

TABULATED DATA

Cummins NH-220-B1-6 Cyl. Diesel Eng. Oil Capacity Engine Crankcase	$6\frac{1}{2}$ gall. (27.2 litres)
Unit Weight with above Engine Weight Dry - Pounds Weight with Fuel, Oil, Water - pounds	8584(3900) kg. 9324 (4236) kg

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
*	Set Screw	$5/8$ "UNC x $3\frac{1}{2}$ "	2
*	Set Screw	5/8"UNC x 2½"	4
*	Self Locking Nut	5/8" UNC	6
*	Taper Washer	5/8"	6
*	Engine Exhaust Silencer 4" incl. Raincap	T2-D9/7917	1
*	Engine Exhaust Pipe Assembly	T2-T3400	1
*	Engine Exhaust Bracket (Rear)	T2V4781	1
*	Engine Exhaust Bracket (Front)	T2V4780	1
*	Set Screw Washers & Nuts - Exhaust Bracket	$3/8"$ UNC x $\frac{3}{4}"$	6

TABULATED DATA

Rolls-Royce 6 Cyl. Diesel Eng. C6NFL Oil Capacity Engine Crankcase Galls Water Capacity Engine Cooling System Galls	T2V5493 $6\frac{1}{2}$ (29.55) litres 9 (40.91)litres
Unit Weights with above Engine	
Weight Dry - Pounds	8980 (4094 kg)
Weight with Fuel, Oil, Water - pounds	9996 (4534 kg)

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
****	Engine Rear Support Set Screw (Support to Engine) Support Shim as required Set Screw Self Locking Nut Taper Washer Exhaust Silencer incl. Rain Cap 4" Exhaust Pipe Exhaust Flange Gasket Set Screw) Exhaust Pipe to Hex. Nut) Manifold Brass Silencer Bracket Silencer Bracket Rear Set Screw Hex. Nut Lockwasher	T2T3678 5/8"UNF x 1½" T2V5840-2 5/8"UNC x 2½" 5/8"UNC 5/8" D9/7917 T2T3999 T2V6272 3/8"UNF x 2" 3/8"UNF T2V4780 T2V4781 3/8"UNC x ¾" 3/8"UNC x ¾" 3/8"UNC 3/8"	2 8 12 12 8 1 1 6 6 1 1 6 6

TABULATED DATA

General Motors Model 6045-C	*2W48877
Oil Capacity Engine Crankcase	$6\frac{1}{2}$ gals. (29.55 litres) 11 gals (50 litres)
UNIT WEIGHT WITH ABOVE ENGINE	
Weight Dry - Pounds	8980 (4094 kg)
Weight with Fuel, Oil, Water - Pounds	9996 (4534 kg)

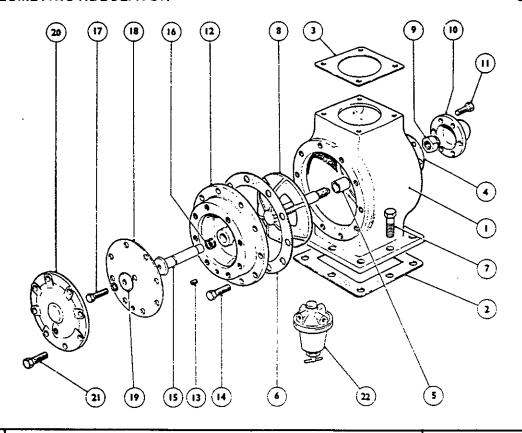
Item	NAME OF PART		
No.	Parts indented after an item are included with an item.	PART NO.	QTY.
1	Engine Rear Support Bracket	2H11153	2
2	Set Screw $\frac{1}{2}$ " UNC x $1\frac{1}{2}$ " (Engine to Bracket)	92272442	8
3	Lockwasher ½"	92006154	: 8
4	Set Screw 5/8" UNC x 2" (Bracket to Frame)	92402643	. 4
5	Self Locking Nut 5/8" UNC	92012269	4
6	Set Screw $\frac{1}{2}$ " UNC x $2\frac{1}{2}$ " (Engine Front Support)	92270503	2
7	Self Locking Nut ½" UNC	92271634	2
8	Engine Rear Support Shim	X1407T1	as req
9	Exhaust Silencer 4" (Burgess) inc. Raincap	T2D9/7917	1
10	Silencer Bracket	T2V4780	1
11	Silencer Bracket Rear	T2V4781	1
12	Set Screw 3/8" UNC x 3"	92272319	ŝ
13	Nut 3/8" UNC	92271568	6
14	Lockwasher 3/8"	92022565	6
15	Exhaust Pipe Complete	2W57830TP	. 1
16	Exhaust Flange	2W57831TP	. 1
17	Exhaust Pipe Gasket	2W578311F	1
18	Stud - Exhaust Manifold	X1264T411	4
19	Nut - Bronze ½" UNC	92256361	
_20	Silencer Clamp (BUrgess 'C' Type) 4.1/8"	92253095	. 4 . 1

AIR END

ASSOCIATED PARTS

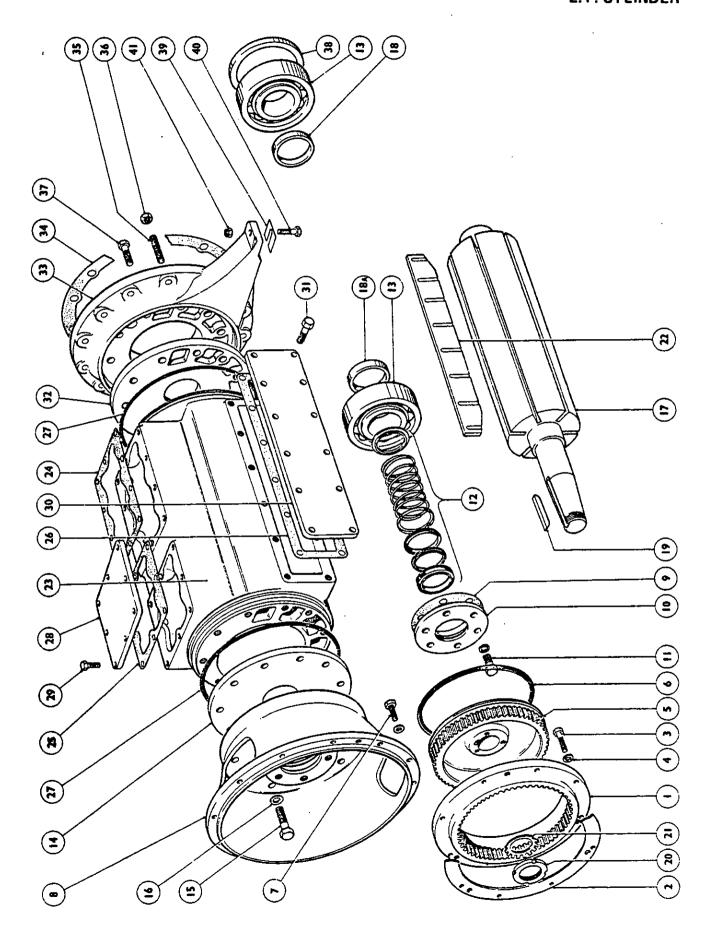
INDEX

UL89 Volumetric Regulator	Page 1
L.P. Cylinder	Page 2 & 3
H.P. Cylinder Cummins & Rolls-Royce	Page 4 & 5
H.P. Cylinder G.M	Page 6 & 7
Lubricating Oil Pump	Page 8 & 9
Dowle Not Illustrated	Page 10



Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
*	HI OO MOI HISTORIA DECLE AND CONTRACT		
1	UL89 VOLUMETRIC REGULATOR COMPLETE	TUL89R600B	1
	UL89 Volumetric Regulator Body	T2F8652TP	1
2	UL89 Volumetric Body Gasket	2H11261	1
3	Compressor Air Inlet Elbow Gasket	2G6462	1
4	UL89 Volumetric Regulator Valve Nut Cover Gskt.		1
5	UL89 Volumetric Regulator Valve Bushing.	2W35026	2
6	UL89 Volumetric Regulator Diaphragm Body Gskt.		1
7	UL89 Volumetric Regulator Body Set Screw	$5/8'' - 11 \times 1\frac{1}{2}''$	10
8	UL89 Volumetric Regulator Valve	2H11252	1
9	UL89 Volumetric Regulator Valve Lock Nut.	1'' - 8	1
10	UL89 Volumetric Regulator Valve Nut Cover	2W30327	1
4	UL89 Volumetric Regulator Valve Nut Cover Gskt.		1
11	Valve Nut Cover Set Screw	3/8''- 16 x 1''	6
12	UL89 Volumetric Regulator Diaphragm Body	T2H11583	1
6	UL89 Volumetric Regulator Diaphragm Body Gskt.	2W32670	1
13	Diaphragm Body Orifice Plug	X1080T38	1
14	Diaphragm Body Set Screw	$\frac{1}{2}$ " - 13 x $1\frac{1}{4}$ "	10
15	UL89 Volumetric Regulator Diaphragm Piston	2W32648	1
16	UL89 Volumetric Regulator Diaphragm Piston Ring		2
17	UL89 Retaining Plate Set Screw & L.W	$\frac{1}{2}$ " - 13 x 1"	1
18	UL89 Volumetric Regulator Diaphragm	2W32669	1
19	UL89 Regulator Retaining Plate	2W32613	1
20	UL89 Volumetric Regulator Diaphragm Cover	T2R18029TP	1
21	Diaphragm Cover Set Screw	$\frac{1}{2}$ " - 13 x $1\frac{1}{2}$ "	8
22	UL89 Volumetric Regulator Reducing and Relief Valve	T2W41121	1

^{*} Not Illustrated. Always give the serial number of your compressor.

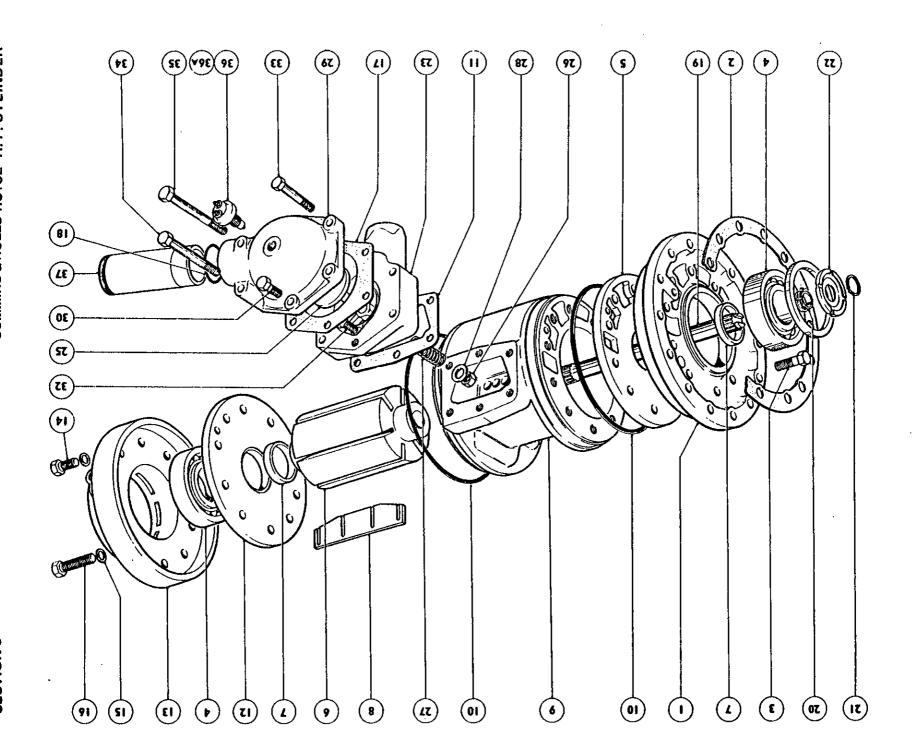


1	2414D CD DADD		
Illus.	NAME OF PART	PART NO.	QTY.
No.	Parts indented after an item are included with the item.	PART NO.	
1	Compressor Coupling Drive Gear	2H11192	1
2	Compressor Coupling Drive Gear Gasket	2W30236	i
3	Drive Gear and Flywheel Set Screw	$3/8'' - 16 \times 1\frac{1}{4}''$	8
4	Set Screw Lockwasher	3/8"	8
5	Compressor Coupling Driven Gear	002H11193	1
6	Compressor Coupling Driven Gear "O" Ring	00X1514T449C	1
7	Compressor to Engine Set Screw	003/8" x 16 x 1"	
*	L.P. CYLINDER COMPLETE	00R600P185	1
8	L. P. Outer Bearing Housing - Front	00T2H11205TP	1
9	Rotary Shaft Cover Gasket	0012111120311 002W30333	1
10	Rotary Shaft Seal Cover	002W30280	1
9	Rotary Shaft Seal Cover Gasket	002W30333	1
11	Rotary Shaft Seal Cover Screw	$00\frac{1}{2}$ " - 13 x $1\frac{1}{4}$ "	6
12	Rotary Shaft Seal	$00\frac{1}{2}$ 13 X $1\frac{1}{4}$ 002W21790	1
*	L. P. Front Bearing Retaining Washer	002W21790 002W30354	1
13	Pollor Donming	002W30334 002W41015	$\frac{1}{2}$
14	Roller BearingL. L. P. Cylinder Outer Plate - Engine End	002W41013	1
15	Bearing Housing to L.P. Cylinder Set Screw	002R20380 $005/8"-11 \times 2\frac{1}{2}$	_
16	L. P. Outer Bearing Housing Washer	005/8"- 11 x 2 ₄	10
		1	
17	L. P. ROTOR	00T2H11535TP	1
18	L. P. Rotor Bearing Spacer (Bronze)	002W32595	1
18A	L. P. Rotor Bearing Spacer (Steel)	002W48933	1
19	Compressor Coupling Drive Gear Key	00X1495T4	1
20	Compressor Coupling Lock Nut	002W26552	1
21	Compressor Coupling Lockwasher	002 W26J54	1
22	L. P. Rotor Vane (Set consists of 8)	00R600P110	1
23	L.P. CYLINDER	00T2F9126TP	1
25	L.P. Cylinder Top Cover Gasket	002W40747	1
26	L.P. Cylinder Side Cover Gasket	002R16490	. 1
27	Bearing Housing to Cylinder "O" Ring	00X1514T453C	2
28	L. P. Cylinder Top Cover	002W40746	1
25	L.P. Cylinder Top Cover Gasket	002W40747	1
29	L.P. Cylinder Top Cover Set Screw	$005/8" - 11 \times 1\frac{1}{4}$	1
30	L.P. Cylinder Side Cover	002R16489	1
26	L.P. Cylinder Side Cover Gasket	002R16490	1
31	L.P. Cylinder Side Cover Set Screw	$00\frac{1}{2}$ " - 13 x $1\frac{1}{4}$ "	12
32	L. P. Cylinder Inner Plate	002R16415	1
33	L.P. Inner Bearing Housing	002H11541	1
34	L.P. Inner Bearing Housing Gasket	002H11217	1
35	L.P. Inner Bearing Housing Stud	00T2V4586-4	14
36	L.P. Inner Bearing Housing Stud Nut	005/8" - 11	14
37	Housing to L.P. Cylinder Set Screw	$005/8'' - 11 \times 2\frac{1}{4}'$	
38	Inner Bearing Spacer - Outer Ring	002W30345	1
39	L.P. Inner Bearing Housing Shim - Set	00X1406T18	1
40	Compressor to Frame Set Screw	$5/8''$ UNC x $2\frac{1}{2}''$	2
41	Compressor to Frame Set Screw Lock Nut	5/8" UNC	2
*	Taper Washer	D. Type	2

^{*}Not illustrated.

Always give the serial number of your compressor.

Do not order by illustration number - order by part number.

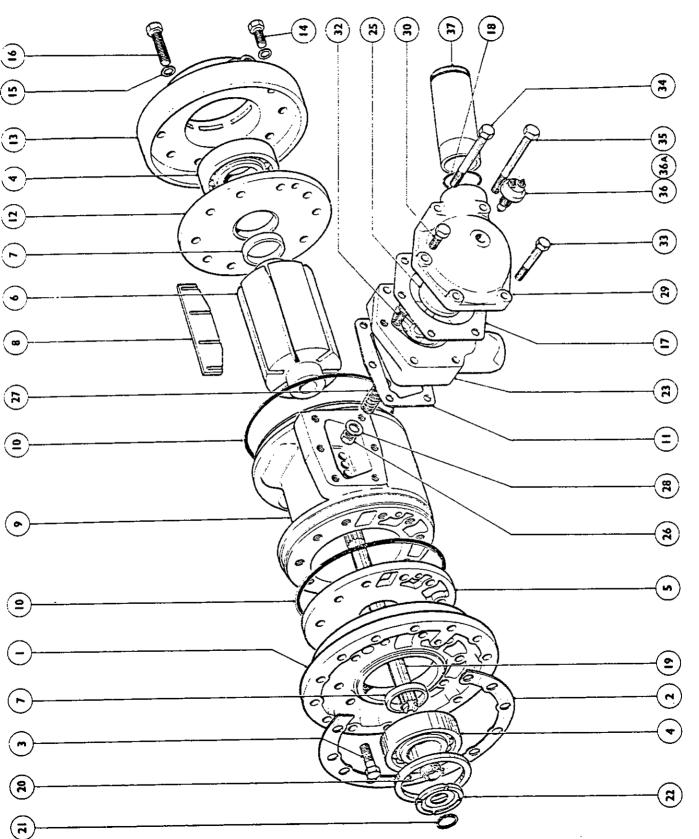


Illus.	NAME OF PART	DADO NO	OTY
No.	Parts indented after an item are included with the item.	PART NO.	QTY.
*	H.P. CYLINDER COMPLETE	2H11556	1
1	H. P. Inner Bearing Housing	002H11542	1
2	Inner Bearing Housing Gasket	002H11217	1
3	Bearing Housing to H.P. Cylinder Set Screw	$005/8''-11 \times 2\frac{1}{4}''$	10
4	Roller Bearing	002W41015	2
5	H. P. Cylinder Inner Plate	002R16415	1
6	H.P. Rotor	002H11534TP	1
7	H. P. Rotor Bearing Spacer	002W32595	2
8	H. P. Rotor Vanes (Set consists of 8)	00R600P115	1
9	H.P. Cylinder	00T2F7017TP	1
10	Bearing Housing to H. P. Cylinder "O" Ring.	00X1514T453-C	2
11	Check Valve Gasket	2W26605	1
12	H. P. Cylinder Outer Plate	002R16416	1
13	H. P. Outer Bearing Housing	002R16427TP	1
14	Housing to H. P. Cylinder Set Screw	005/8''-11 x 2½''	8
15	Bearing Housing Steel Washer	00X1016T47	10
16	Bearing Housing to H.P. Cylinder Set Screw	$005/8''-11 \times 3\frac{1}{2}''$	2
17	H. P. Discharge Elbow Cover Gasket	2W30386	1
18	H. P. Discharge Pipe "O" Ring	00X1514T336-C	2
19	H. P. Rotor Drive Shaft	002H11536	1
20	H. P. Inner Bearing Spacer Support	002W57549	1
21	Inner Bearing Spacer Snap Ring - Centre	002W30393	1
22	H. P. Inner Bearing Spacer - Inner Ring	002W57550	1
*	H. P. Outer Bearing Snap Ring - Rear	002W30356	1
*	CHECK VALVE COMPLETE	T2H11293	1
23	H. P. Discharge Check Valve Body	T2H11273TP	1
11	Check Valve Gasket	2W26605	1
25	H.P. Discharge Check Valve	2W37859	1
26	H.P. Discharge Check Valve Philidas Nut	$\frac{1}{2}$ " - 20	1
27	H.P. Discharge Check Valve Spring	PP760	1
28	H.P. Discharge Check Valve Spring Washer	2W37123	1
29	H.P. Check Valve Elbow	2F6588	1
30	H P. Discharge Elbow Cover Set Screw	$\frac{1}{2}$ " - 13 x 2"	2
32	Check Valve Body to H. P. Cylinder Set Screw(Allen Head)	$\frac{1}{2}$ " - 13 x $1\frac{1}{4}$ "	2
33	H. P. Discharge Elbow to HP Cylinder Set Screw	$\frac{1}{2}$ " - 13 x $3\frac{3}{4}$ "	2
34	H. P. Discharge Elbow to H. P. Cylinder Set Screw	$\frac{1}{2}$ " - 13 x 5 $\frac{1}{2}$ "	1
35	H.P. Discharge Elbow to H.P. Cylinder Set Screw	00T2V8262	1
36	H. P. Check Valve Temperature Switch	35511971	1
37	H. P. Discharge Pipe	T2W30404TP	1

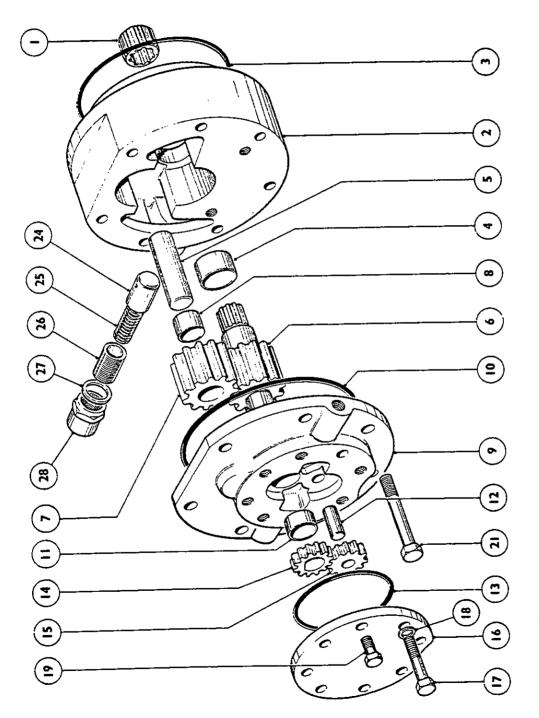
^{*}Not illustrated.

Always give the serial number of your compressor.

Do not order by illustration number - order by part number.



Illus.	NAME OF PART		
No.	Parts indented after an item are included with the item.	PART NO.	QTY.
*	H.P. CYLINDER COMPLETE	2H11556	1
1	H.P. Inner Bearing Housing	002H11542	1 1
2	Inner Bearing Housing Gasket	002H11217	1
3	Bearing Housing to H. P. Cylinder Set Screw	$005/8'' - 11 \times 2\frac{1}{4}$	
4	Roller Bearing.	002W41015	2
5	H. P. Cylinder Inner Plate	002R16415	1
6	H.P. Rotor.	002H104IS	1
7	H. P. Rotor Bearing Spacer	002W32595	2
8	H. P. Rotor Vanes (Set consists of 8)	00R600P115	1
9	H.P. Cylinder	00T2F7017	1
10	Bearing Housing to H. P. Cylinder "O" Ring.	00X1514T453-C	i
11	Check Valve Gasket	2W26605	1
12	H. P. Cylinder Outer Plate	002R16416	1
13	H.P. Outer Bearing Housing	002R16427	1
14	Housing to H.P. Cylinder Set Screw	$005/8'' - 11 \times 2\frac{1}{4}'$	
15	Bearing Housing Steel Washer	00X1016T47	10
16	Bearing Housing to H.P. Cylinder Set Screw	$005/8'' - 11 \times 3\frac{1}{2}''$	2
17	H. P. Discharge Elbow Cover Gasket	2W30386	1
18	H. P. Discharge Pipe "O" Ring	00X1514T336-C	2
19	H.P. Rotor Drive Shaft	002H11536	1
20	H. P. Inner Bearing Spacer Support	002W57549	1
21	Inner Bearing Spacer Snap Ring - Centre	002W30393	1
22	H. P. Inner Bearing Spacer - Inner Ring	002W57550	1
*	H. P. Outer Bearing Snap Ring - Rear	002W30356	1
*	CHECK VALVE COMPLETE	T2H11293	1
23	H. P. Discharge Check Valve Body	T2H11273TP	1
11	Check Valve Gasket	2W26605	1
25	H. P. Discharge Check Valve	2W37859	1
26	H. P. Discharge Check Valve Philidas Nut	$\frac{1}{2}$ " - 20	1
27	H. P. Discharge Check Valve Spring	PP760	1, 1
28	H. P. Discharge Check Valve Spring Washer	2W37123	1
29	H. P. Check Valve Elbow	2F6588	1
30	H. P. Discharge Elbow Cover Set Screw	$\frac{1}{2}$ " - 13 x 2"	2
32	Check Valve Body to HP Cylinder Set Screw(Allen Head)	$\frac{1}{2}$ " - 13 x $1\frac{1}{4}$ "	2
33	H. P. Discharge Elbow to HP Cylinder Set Screw	$\frac{1}{2}$ " - 13 x 3 $\frac{3}{4}$ "	2
34	H.P. Discharge Elbow to HP Cylinder Set Screw	$\frac{1}{2}$ " - 13 x 5 $\frac{1}{2}$ "	1
35	H.P. Discharge Elbow to HP Cylinder Set Screw	00T2V8262	1
36	H.P. Check Valve Temperature Switch	35511997	1
37	H.P. Discharge Pipe	T2W30404TP	1
		·	



Lubricating Oil Pump

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
*	LUBRICATING AND SCAVENGING OIL PUMP COMP.	002H11271	1
1	Lubricating Oil Pump Drive Coupling	002H11265	1
2	Lubricating Oil Pump Body	00T2H11219P1	1
3	Oil Pump Body to Housing "O" Ring	00X1514T259-C	1
4	Lubricating Oil Pump Gear Bushing - Inner	002W30365	1
5	Lubricating Oil Pump Driven Gear Shaft	002W30363	1
6	Lubricating Oil Pump Drive Gear	002H11268	1
7	Lubricating Oil Pump Driven Gear	002W30352	1
8	Oil Pump Driven Gear Bushing	002W26166	2
9	Scavenging Oil Pump Body	00T2H11220	1
10	Scavenging to Lubricating Oil Pump "O" Ring.	00X1514T260-C	1
11	Oil Pump Drive Gear Bushing - Outer	002W30371	1
12	Scavenging Oil Pump Driven Shaft	002W30364	1
13	Scavenging Oil Pump Cover "O" Ring	00X1514T239-C	1
14	Scavenging Oil Pump Drive Gear	002W24686	1
15	Scavenging Oil Pump Driven Gear	002W20175	1
16	Scavenging Oil Pump Cover	002W30301	1
13	Scavenging Oil Pump Cover "O" Ring	00X1514T239-C	
17	Scavenging Oil Pump Cover Set Screw	$003/8'' - 16 \times 2\frac{1}{4}''$	2
18	Scavenging Oil Pump Cover Steel Washer	00X1016T90	2
19	Scavenging Oil Pump Cover Set Screw	003/8"-16 x 1"	6
21	Oil Pump to H. P. Cylinder Set Screw	$00\frac{1}{2}$ " - 13 x $3\frac{3}{4}$ "	7
*	Lubricating Oil Pump By-Pass Valve Complete	2W32599T	1
24	Lubricating Oil Pump By-Pass Valve - Bare	2W32599	1
25	Lubricating Oil Pump By-Pass Valve Spring	PP761	1
26	By-Pass Valve Spring Adjuster	2W32601	1
27	By-Pass Valve Gasket	X1014T52	1
28	By-Pass Valve Spring Adjuster Lock Nut	2W32602	1

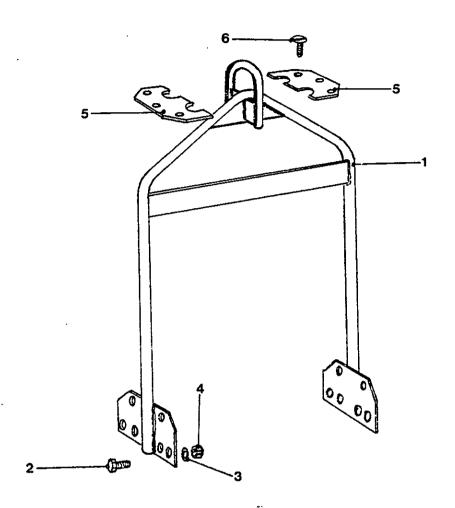
^{*}Not illustrated.

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
1 2 3 4 5 6 7 8	Cylinder End Plate Discharge Hole Plug Pipe Plug (UL 89 Body) Pipe Plug - LP Cylinder Pipe Plug - LP Cylinder Pipe Plug - LP Outer Bearing Housing Pipe Plug - HP Cylinder	2W57579 ½" BSPT 1/8" BSPT ¾ BPST ½" BSPT 1/8" PSPT 1" BSPT 3/8" BSPT	4 2 3 2 1 1 2 2

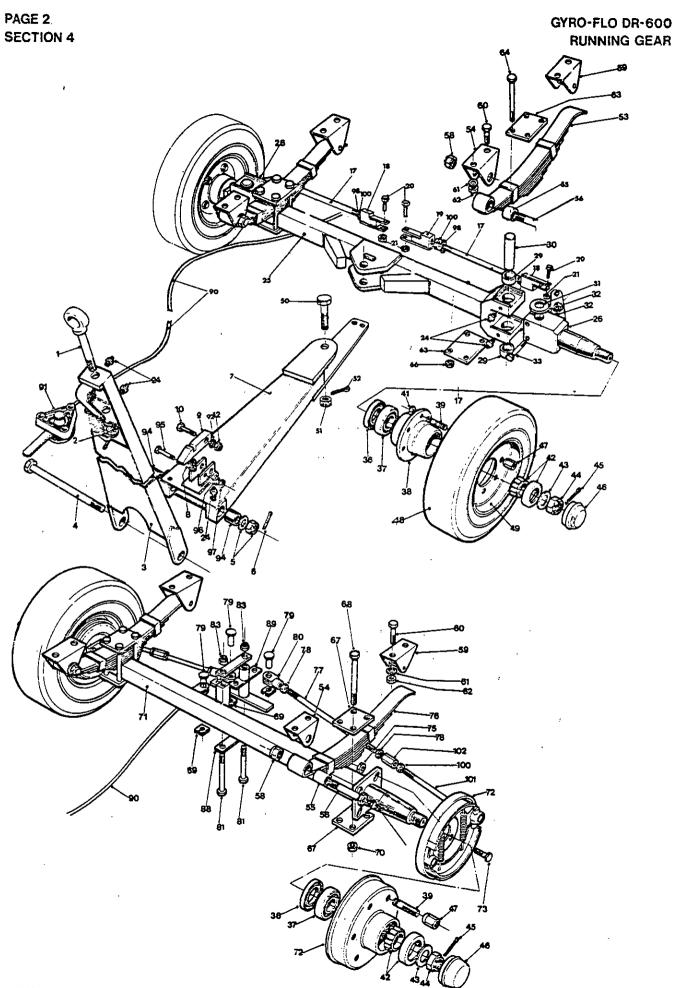
FRAME HOUSING AND ASSOCIATED PARTS

INDEX

Lifting Bail	Page 1
Running Gear	Page 2 - 5
Housing Cummins	Page 6 - 7
Housing Rolls-Royce	Page 8 - 9
Housing G.M.	Page 10 & 11
Brake Assembly	Page 12
Parts Not Illustrated	Page 13

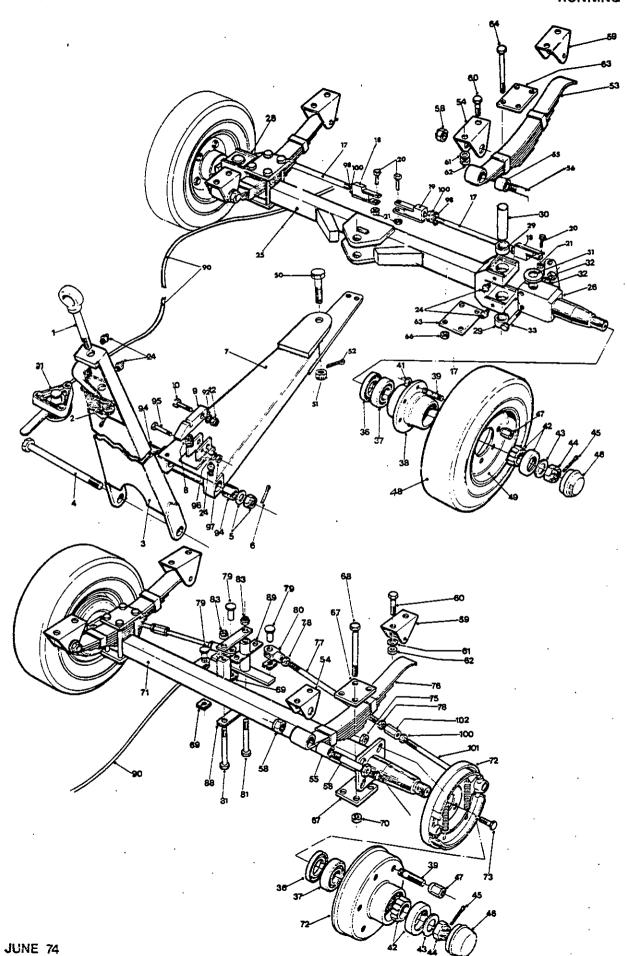


Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
1	Lifting Bail Set Screw Lockwasher Hex. Nut	T2R2390	1
2		5/8"UNC x 1½"	12
3		5/8"	12
4		5/8" UNC	12
5	Lifting Bail Hole Cover	T2V4812	1
6		No.14 x ½''	6



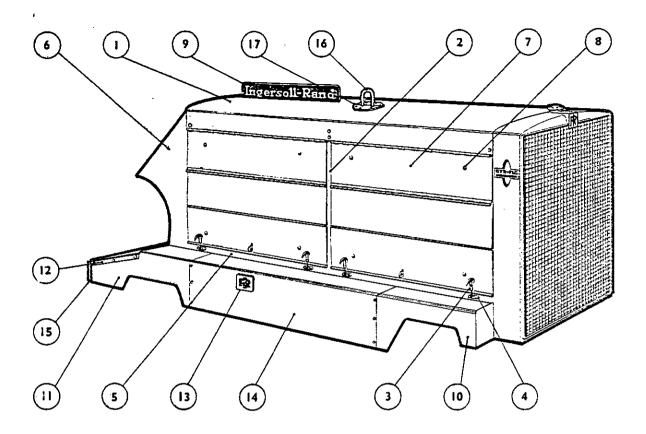
	MAME OF DAM		
Illus.	NAME OF PART	PART NO.	QTY.
No.	Parts indented after an item are included with the item.	PART NO.	QII.
*	Truck Frame		
	RUNNING GEAR COMPLETE	T2N1985	1
1		92327634	1
2	Towing Eye	T2T5338/1	1
3	Towing Eye Nut & Washer & Pin	T2T5338/2	1
4	Draw Bar	T2T5338/3	1
5	Draw Bar Bolt	T2T5338/4	1
6	Slotted Nut & Washer Draw Bar Pin Split Pin	T2T5338/5	1
7		T2T5338/6	1
8		92326685	1
9	Latch Spring Latch	T2T5338/8	1
10	Set Screw	T2T5338/9	1
12	Nut	T2T5338/10	1
17	Track Road	T2T5338/11	1
18	Track Rod Clevis R. H.	92326867	2
19	Track Rod Clevis L.H.	92326875	2
20	Bolt 5/8" UNF	92326883	2
21	Nut 5/8" UNF	92327204	4
24	Grease Nipple	92327212	4
25	Front Axle	T2T5338/19 92326891	8
26	Stub Pivot	92326891	1 2
29	King Pin Bushing	T2T5338/23	
30	King Pin	T2T5338/24	4 2
31	Thrust Washer	T2T5338/25	2 4
32	Cotter Nuts & Washers	T2T5338/26	4
33	Cotter Bolt	T2T5338/27	4
36	Oil Seal	7 73 38/28	4
37	Bearing Inner	Tz 15555./29	4
38	Hub	T2T5338/30	4
39	Stud - Front	T2T5338/31	12
*	Stud - Rear	T2T5338/32	12
41	Hex Locknut	T2T5338/33	24
42	Bearing - Outer	T2T5338/34	4
43	wasner	T2T5338/35	4
44	Axle End Nut	T2T5338/36	$\overline{4}$
45	Spilt Pin	T2T5338/37	4
46	Hub Cap	T2T5338/38	$\frac{1}{4}$
47	Wheel Nut	T2T5338/39	$\overline{4}$
48	Tyre 7.50 x 16 x 10 Ply	T2T5338/40	4
49	Wheel 60QG x 16 STUD x 6	92323666	4
50	(Axle to Pintel) Pivot Bolt	92323020	1
51	Nut Slotted	92327501	1
*	Set Screw $\frac{1}{2}$ " UNC x $1\frac{3}{4}$ ").	92022854	12
*	Hex Nut ½" UNC) Shackle to	92022771	12
*	Taper $\frac{1}{2}$ ") Frame	92265768	12
*	Lock Wasner 2")	92006154	12
*	Taper $\frac{1}{2}$) Frame Lock Washer $\frac{1}{2}$!) Set Screw $\frac{1}{2}$! UNC x1 $\frac{1}{2}$!) Front Shækle Lock Washer $\frac{1}{6}$!) to Frame	92272442	4
*	- to Fiame	92006154	4
	"Terry'Cable Clips	92253053	8

^{*}Not illustrated.



	· ·		-
Illus.	NAME OF PART		
No.	Parts indented after an item are included with the item.	PART NO.	QTY.
52	Split Pin	T2T5338/45	1
52 53	Front Spring	T2T5338/46	2
54	Fixed End Shackle	T2T5338/47	4
5 4 55	Shackle Bush	T2T5338/48	4
56	Fixed End Shackle Bolt	T2T5338/49	4
58	Hex Nut Slotted	T2T5338/50	4
50 59	Moving End Shackle	T2T5338/51	4
60	Set Screw	T2T5338/52	16
61	Washer	T2T5338/53	16
62	Hex Nut	T2T5338/54	16
	Front Spring Bolt Plate	T2T5338/55	4
63	Bolt	T2T5338/56	8
64	Hex Nut.	T2T5338/57	8
66 67	Rear Spring Bolt Plate	T2T5338/58	2
67 68	Bolt	T2T5338/59	8
	Spring Clip	T2T5338/60	
69 -	Nut	T2T5338/61	8
70 71	Rear Axle	T2T5338/62	1
	Brake Drum	T2T5338/63	2
72	Set Screw	T2T5338/64	8
73	Washer	T2T5338/65	8
74	Hex Nut	T2T5338/66	8
75 76	Rear Spring	T2T5338/67	1 2
77	Brake Rod	T2T5338/68	2
	Brake Rod Lock Nut	T2T5338/69	4
78	, — "	T2T5338/70	3
79	Swivel Pin	T2T5338/71	2
80	Yoke Set Screw	T2T5338/72	2
81		T2T5338/73	4
82	Washer	T2T5338/74	2
83	Link Plate	T2T5338/75	2
88		T2T5338/76	1 1
89	_ , _ ,	T2T5338/77	1
90		92327519	1
91	Handle Lockwasher	T2T5338/79	1
92		T2T5338/80	1
93	Set Screw	T2T5338/81	2
94	Bush	T2T5338/82	1 1
95	Set Screw	T2T5338/83	1
96	Washer Square Spring	T2T5338/84	1
97	Nut	T2T5338/85	4
98	Spring Washer Star	T2T5338/87	4
100	Nut		2
101	Brake Rod Extension	T2T5338/88 T2T5338/89	2
102	Adjusting Nut	1215330/09	4

^{*}Not illustrated.

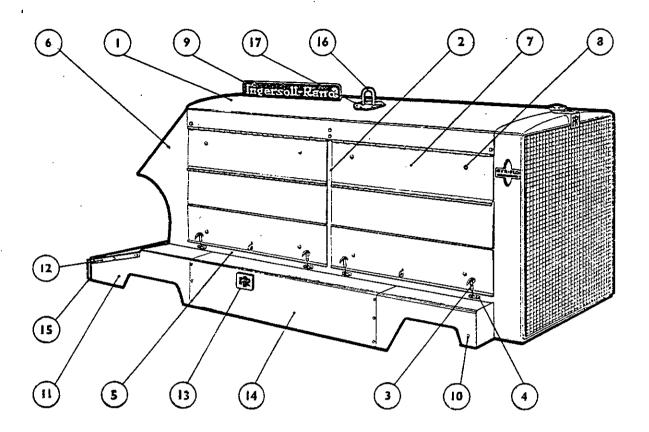


Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
* [* * * * * * * * * * * * * * * * * *	Truck Frame Complete. Top Cover Set Screws, Nuts and Washers (Cover to Support) Top Cover Reinforcing Angle. Set Screws, Nuts & Washers (Cover to Reinforcing Angle Top Cover Centre Angle Shim Housing Rear Support Assembly Set Screws, Nuts and Washers (Support to Frame). Top Cover Rear Support Set Screws, Nuts and Washers (Support to Rear Support) Rear End Filler Strip R. H. Rear End Filler Strip L. H. Set Screws, Nuts and Washers (Strip to Support) Set Screw, Nut and Washer Bumper Spacer Shim Parking Brake Bracket Set Screw (Bracket to). Hex. Nut(Philidas)(Frame) Set Screw (Lever to).	T2N984 92304260 ½" - 13 x 1" 2R17437 3/8" - 16 x 1" W30479 92327469 ½" - 13 x 1½" T2H11308 3/8" - 16 x 7/8" T2R17429TP T2R17430 3/8" - 16 x 7/8" 3/16" x ¾" 2W34627 2TV4905 5/8" UNC x 1½" 5/8" UNC 3/8"UNC x 1¼"	1 16 1 4 2 1 4 1 1 8 4 as req. 2 2
*	Hex. Nut (Philidas) (Bracket)	3/8" UNC \frac{1}{4}"UNC x 1"	2 2

^{*}Not illustrated.

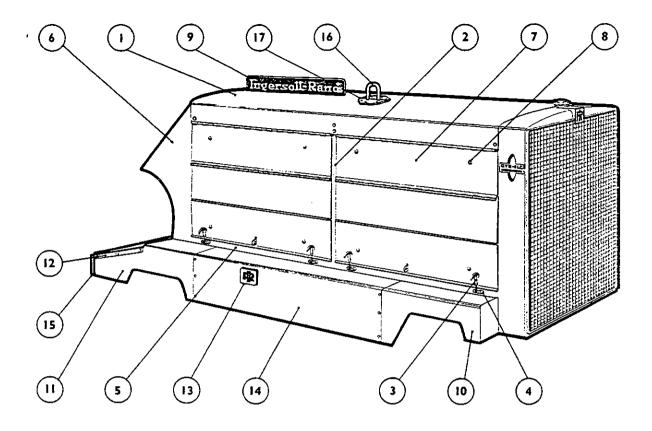
Illus.	NAME OF PART		
No.	Parts indented after an item are included with the item.	PART NO.	QTY.
2	Side Cover Centre Support	2W30476	2
*	Set Screws, Nuts and Washers	3/8" - 16 x 1"	4
*	Side Cover Support Arm	2W43948	8
*	Cupped Spring Washers	2030033	8
*	Nyloc Set Screws	2W44137	2
*	Set Screws & Lock Nuts	3/8"-16 x 1"	6
3	Bonnet Fasteners	T27/1157	8
*	Bonnet Fastener Distance Piece	V4769	8
$\frac{7}{4}$	Set Screws, Nuts & Lockwasers (Bonnet Fasteners)	3/16"-24 x 1"	16
5	Housing Side Angle R.H.	T2R22050TP	1
*	Housing Side Angle L.H.	T2R22051TP	1
*	Set Screws, Nuts and Washers	3/8" - 16 x 1"	16
6	Rear End Housing Assembly	T2F7051	1
*	Set Screws, Nuts and Washers (Housing to Filler Strip)	$3/8'' - 16 \frac{3}{4}''$	8
*	Set Screws, Nuts and Washers (Housing to Angle).	3/8"-16 x 7/8"	4
7.	Side Cover Assembly	T2H11337TP	4
*	Set Screws, Nuts and Washers (Side to Top Cover).	$\frac{1}{4}$ " - 20 x $\frac{1}{2}$ "	22
8	Rubber Bumpers	2W13762	. 16
9	Nameplate	22A16X3	1
*	Set Screws, Nuts and Washers (Plate to Cover)	5/16" x 5/8"	4
*	Fender Support Bracket (R.H. Front and L.H. Rear)	2H11351	2
*	Fender Support Bracket (L.H. Front and R.H. Rear)	2H11352	2
*	Set Screws, Nuts and Washers (Bracke to Frame).	$\frac{1}{2}$ " - 13 x $1\frac{1}{4}$ "	8
*	Set Screw (Front & Rear)	3/8"UNC x 1"	4
*	Hex. Nut (Fender to)	3/8" UNC	4
*	Lockwasher (Bracket)	3/8"	4
*	Flat Washer	3/8"	8
*	Set Screw (Fender to)	$3/8"$ UNC x $\frac{3}{4}"$. 4
*	Lockwasher (Cooler)	3/8''	4
10	Front Fender R. H.	92313147	1
*	Front Fender L. H.	T2R2355	1
*	Set Screws, Nuts and Washers (Fender to Frame).	3/8"-16 x 1"	8
*	Rear Fender L.H.	T2H11546TP	1
11	Rear Fender R. H.	T2H11545TP 3/8"-16 x 1"	1 8
*	Set Screws, Nuts and Washers (Fender to Frame).	T2R2359	1
12	Rear Fender Cover R. H.	T2R2357	1 1
*	Rear Fender Cover L.H.	3/8"-16 x 1"	10
	Set Screws, Nuts and Washers (Cover to Fender). Fuel Tank Cover Nameplate	T2V6078	2
13	Set Screws, Nuts and Washers	No. 10 UNC $x^{\frac{1}{2}}$	
	Fuel Tank Cover	T2H16034TP	2
14	Set Screws, Nuts and Washers (Cover to Bracket).	3/8"-16 x 1"	20
15	Frame Rear Bumper	T2H11132TP	1
19	Nuts and Washers (Bumper to Frame)	$\begin{bmatrix} \frac{1}{2} \end{bmatrix}$	6
*	Triangle Support Bracket	T2T5229	2
*	Set Screw and Washer (Bracket to Bumper)	$3/8''-16 \times \frac{3}{4}''$	4
*	Red. Reflective Triangle	R39/1	2
	Ittu. Itticotive IIIangie		

^{*}Not illustrated.



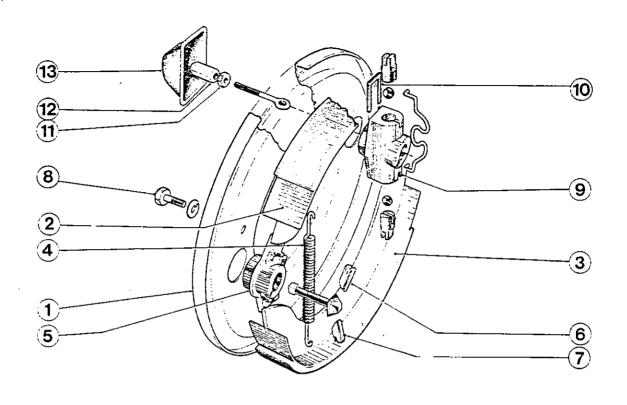
Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
No. * 1 * * * * * * * * * * * * * * * * *	Truck Frame Top Cover Set Screws, Nuts & Washers(Cover to Support) Top Cover Reinforcing Angle Top Cover Centre Angle Shim Set Screws, Nuts & Washers(Cover to Reinforcing Angle Housing Rear Support Assembly Set Screws, Nuts & Washers & Taper Washer (Support to Frame) Top Cover Rear Support Set Screws, Nuts & Washers(Support to Rear Support) Rear End Filler Strip RH Rear End Filler Strip LH Set Screws, Nuts & Washers(Strip to Support) Side Cover Centre Support Set Screws, Nuts and Washers Side Cover Support Arm Cupped Spring Washers Nyloc Set Screws Parking Brake Bracket	T2N1132 T2K3273 ½" = 13 x 1" 2R17437 2W30479 3/8" = 16 x 1" 2H16400 ½" - 13 x 1½" T2H11308 3/8" - 16 x 7/8" T2R17429 T2R17430 3/8" - 16 x 7/8" 2W30476 3/8" - 16 x 1" 2W43948 2W30033 2W44137 T2V4905	1 16 1 2 4 1 4 1 8 2 4 8 8 2 1
* * *	Set Screws (Bracket to) Hex. Nut Philidas (Frame) Set Screw Hex. Nut Philidas	5/8"UNC x $1\frac{1}{2}$ " 5/8" 3/8"UNC x $1\frac{1}{4}$ " 3/8"	2 2

		T	
Illus.	NAME OF PART	PART NO.	QTY.
No.	Parts indented after an item are included with the item.	PART NO.	4
*	Set Screws & Philidas Nut	3/8"- 16 x 1"	6
3	Bonnet Fasteners	T27/1157	8
*	Bonnet Fastener Distance Piece	T2V4769	8
4	Set Screws, Nuts & Lockwashers (Bonnet Fasteners)	3/16"- 24 x 1"	16
5	Housing Side Angle RH	T2R22050	1
*	Housing Side Angle LH	T2R22051	1
*	Set Screws, Lockwashers.	3/8"- 16 x 1"	16
*	Hex. Nut & Washers	3/8" UNC	12
6	Rear End Housing Assembly	T2F7051TP	1
*	Set Screws, Nuts & Washers (Housing to Filler Strip)	$3/8'' - 16 \times \frac{3}{4}''$	8
*	Set Screws, Nuts & Washers (Housing to Angle)	3/8"- 16 x 7/8"	4
7	Side Cover Assembly	T2H11337TP	4
•	Set Screws, Nuts & Washers (Side to Top Cover)	$\frac{1}{4}$ " - 20 x $\frac{1}{2}$ "	24
8	Rubber Bumpers	2W13762	16
9	Nameplate	22A16X3	1
*	Set Screws, Nuts & Washers (Plate to Cover)	5/16" x 5/8"	4
*	Fender Support Bracket (RH Front & LH Rear)	2H11351	2
*	Fender Support Bracket(LH Front & RH Rear)	2H11352	2
*	Set Screws, Nuts & Washers (Bracket to Frame)	$\frac{1}{2}$ " - 13 x $1\frac{1}{4}$ "	8
10	Front Fender RH	T2R2354	1
*	Front Fender LH	T2R2355	1
*	Set Screws, Nut & Washers (Fender to Frame)	3/8"- 16 x 1"	8
*	Rear Fender LH	T2H11546TP	1
11	Rear Fender RH	T2H11545TP	1
*	Set Screws, Nuts & Washers (Fender to Frame)	3/8"- 16 x 1"	8
*	Set Screw.)(Fender to Cooler)	$3/8''$ UNC x $\frac{3}{4}''$	4
*	Lockwasner)	3/8"	4
*	Setscrew	3/8"UNC x 1"	2
*	Hex. Nut Fender to Bracket	3/8" UNC	2
*	Lockwasher	3/8"	2
*	Flat Washer	3/8"	4
*	Set Screw	3/8"UNC x 1"	2
*	Hex. Nut	3/8" UNC	2
*	Lockwasher	3/8"	2
*	Flat Washer	3/8"	4
12	Rear Fender Cover RH	T2R2359	1
*	Rear Fender Cover LH	T2R2357	1
*	Set Screws, Nuts & Washers (Cover to Fender)	3/8"- 16 x 1"	10
13	Fuel Tank Cover Nameplate	T2V6078 No.10 x ½''	2 8
*	Machine Screws, Nuts & Lockwasher		2
14	Fuel Tank Cover	T2H16034TP 3/8"- 16 x 7/8"	20
*	Set Screws, Nuts & Washers (Cover to Bracket)	1 *	1
15	Frame Rear Bumper	T2H11132 TP 2W34627	as rec
*	Bumper Spacer Shim	2W34627	as rec
1	Nuts and Washers (Bumper to Frame)	T2T5229	2
*	Triangle Bracket	3/8"UNC x ¾"	4
*	Set Screw - Lockwasher	T2R39/1	2
*	Red Reflective Triangle	$3/16$ "BSW x $\frac{3}{4}$ "	4
*	Set Screws Rd. Hd. (Cad. Plated)	3/16" BSW X 4"	4
*	Hex. Nut	3/16" BSW	4
*	Lockwasher	0/10	+ *



Illus.	NAME OF PART	PART NO.	QTY.
No.	Parts indented after an item are included with the item.	TART NO.	
*	Truck	T2T1279	1
1	Top Cover	T2K3668	1
*	Set Screws, Nuts and Washers (Cover to Support)	$\frac{1}{2}$ " - 13 x 1"	16
*	Top Cover Reinforcing Angle	2R17437	1
*	Set Screws, Nuts and Washers (Coverto Reinforcing Angle	3/8" - 16 x 1"	4
*	Top Cover Centre Angle Shim	2W30479	2
*	Housing Rear Support Assembly	2H16400	1
*	Set Screws, Nuts and Washers (Support to Frame)	$\frac{1}{2}$ " - 13 x $1\frac{1}{2}$ "	4
*	Top Cover Rear Support	T2H11308	1
*	Set Screws, Nuts & Washers & Taper Washer		
	(Support to Rear Support)	$3/8'' - 16 \times 7/8'$	4
*	Rear End Filler Strip R. H	T2R17429TP	1
*	Rear End Filler Strip L.H.	T2R17430	1
*	Set Screws, Nuts and Washers (Strip to Support)	3/8'' - 16 x 7/8''	8
*	Triangle Bracket	T2T5229	2
*	Set Screws - Lockwasher	$3/8''$ UNC x $\frac{3}{4}''$	4
	Bracket to Rear Bumper	, -	
*	Red. Reflective Triangle	2R39/1	2
•	Set Screw Rd. Hd. (Cad. Plated)	$3/16"BSW \times \frac{3}{4}"$	4
	Hex. Nut	3/16" BSW	4
1	Lockwasher	3/16"	4
:*	Parking Brake Bracket	T2V4905	1
*	Set Screw (Bracket to)	$5/8"$ UNC x $1\frac{1}{2}"$	2
*	Hex. Nut - Philidas(Frame)	_	
*	Set Screw (Lever to)	$3/8"$ UNC x $1\frac{1}{4}"$	2
*	Hex. Nut Philidas (Bracket)	3/8" UNC	2

Illus.	NAME OF PART		1
No.	Parts indented after an item are included with the item.	PART NO.	QTY.
2	Side Cover Contro Support	0777004770	
∠ *	Side Cover Centre Support	2W30476 3/8'' - 16 x 1''	2
*	Sido Cover Support Arm	2W43948	4
*	Side Cover Support Arm		8
*	Cupped Spring Washers	2W30033 2W44137	2
*	Nyloc Set Screws	3/8" - 16 x 1"	6
3		T27/1157	8
*	Bonnet Fasteners	T2V4769	8
4	Set Screws, Nuts and Lockwasher (Bonnet Fasteners)	3/16"- 24 x 1"	16
5	Housing Side Angle R. H	T2R22050TP	1 16
*	Housing Side Angle L.H.	T2R22051TP	1
*	Set Screws, Nuts and Washers	3/8"-16 x 1"	16
6	Rear End Housing Assembly	T2F7051TP	10
*	Set Screws, Nuts and Washers (Housing to Filler Strip)	$3/8'' - 16 \times \frac{3}{4}''$	8
*	Set Screws, Nuts and Washers (Housing to Angle)	$3/8'' - 16 \times \frac{\pi}{4}''$	0
7	Side Cover Assembly	T2H11337TP	4
*	Set Screws, Nuts and Washers (Side to Top Cover)	$\frac{1}{4}$ " - 20 x $\frac{1}{2}$ "	24
8	Rubber Bumpers	2W13762	16
9	Nameplate	T2F17453	1.
*	Set Screws, Nuts and Washers (Plate to Cover)	5/16" x 5/8"	5
*	Fender Support Bracket (RH Front and LH Rear)	2H11351	2
*	Fender Support Bracket (LH Front and RH Rear)	2H11352	2
*	Set Screws, Nuts and Washers (Bracket to Frame).	$\frac{1}{2}$ " - 13 x $1\frac{1}{4}$ "	8
10	Front Fender RH	T2R2^54	ı
*	Front Fender LH	T2R2355	i
*	Set Screws, Nuts and Washers (Fender to Frame).	3/8" - 16 x 1"	8
*	Rear Fender LH	T2H11546 TP	l i
11	Rear Fender RH	T2H11545 TP	1
*	Set Screws, Nuts and Washers (Fender to Frame)	3/8" - 16 x 1"	8
*	Set Screw (Fender to)	$3/8''$ UNC $\times \frac{3}{4}''$	4
*	Lockwasher (Cooler)	3/8"	4
*	Set Screw	3/8"UNC x 1"	2
*	Hex. Nut	3/8" UNC	2
*	Hex. Nut Lockwasher Fender to Bracket	3/8"	2
*	Flat Washer J.	3/8"	4
*	Set Screw	3/8" UNC x 1"	2
*	Hex. Nut.	3/8" UNC	2
*	Lockwasher	3/8"	2 .
*	Flatwasher	3/8"	2
12	Rear Fender Cover RH	T2R2359	1
*	Rear Fender Cover LH	T2R2357	1
*	Set Screws, Nuts and Washers (Cover to Fender)	3/8"-16 x 1"	10
13	Fuel Tank Cover Nameplate	T2V6078	2
*	Set Screws, Nuts and Washers	No.10 UNC $x^{\frac{1}{2}}$	8
14	Fuel Tank Cover RH	T2H16034TP	2
*	Set Screws, Nuts & Washers(Cover to Bracket)	3/8" - 16 x 1"	20
15	Frame Rear Bumper	T2H11132 TP	1
*	Nuts and Washers (Bumper to Frame)	½" UNC	6
	Spacer Shim	12 0110	, ,



Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
1	Brake Assembly L.H	92308576	1
2	Brake Assembly R. H.	92308584	1
3	Back Plate	92308618	2
4	Lined Brake Shoe	92308626	2
5	Line Brake Shoe	92308634	2
6	Spring (Adjuster End)	92309070	2
7	Adjuster Assembly	92309087	2
8	Adjuster Piston	92309095	2
9	Adjuster Piston	92309103	2
10	Adjuster Retaining Bolts	92309111	4
11	Spring (Expander End)	92309129	2
12	Expander Housing	92309137	2
13	Expander Retaining Spring Plate	92309145	2
14	Expander Locking Plate	92309152	2
15	Lock Nut	92309160	2
16	Barrel Nut	92309178	2
17	Dust Cover	92309186	2
18	Steady Post	92309194	2
19	Steady Post Nut	92309202	4

* Not illustrated.
Always give the serial number of your compressor.
Do not order by illustration number - order by part number.

GYRO - FLO: DR-600 PARTS NOT ILLUSTRATED

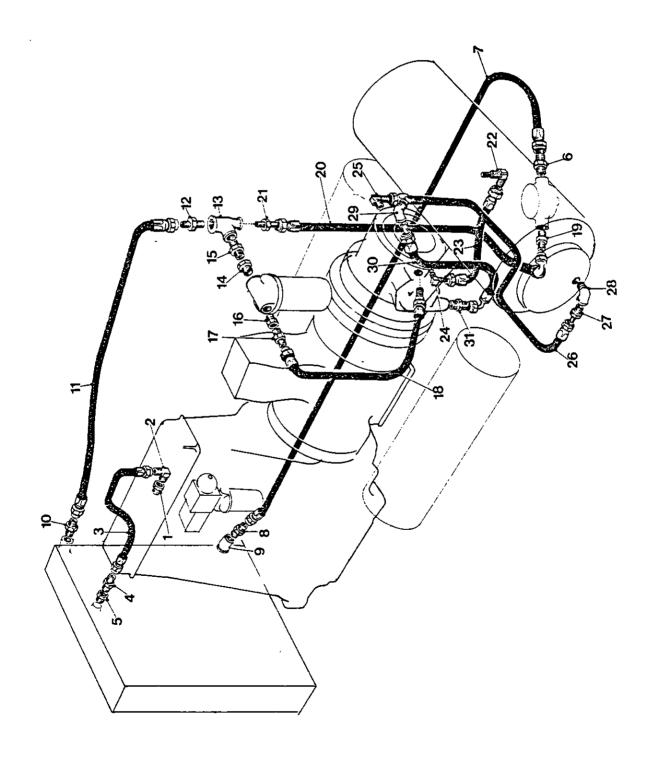
FLEXIBLE TUBING

INDEX SECTION 5.

GYRO - FLO DR-600 FLEXIBLE TUBING

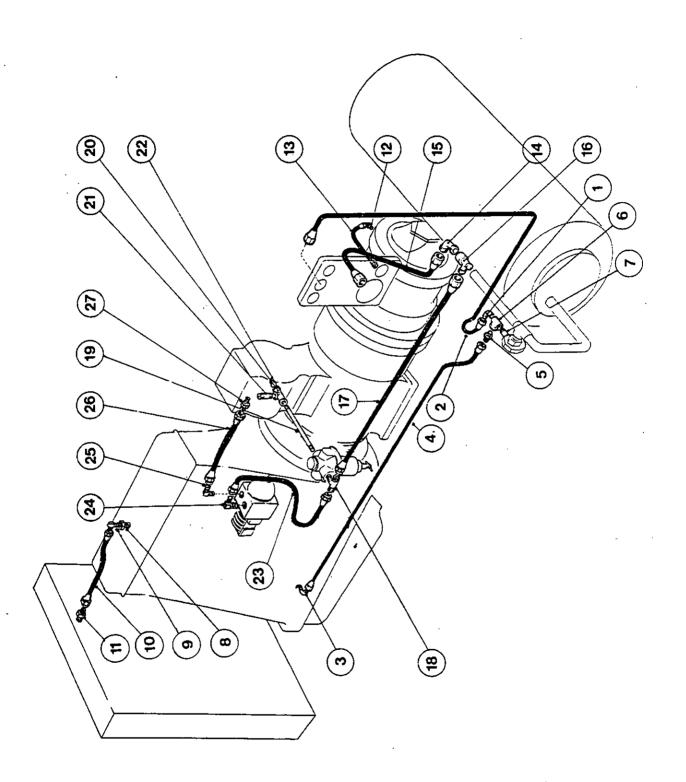
INDEX

Flexable Tubing	Page 1	Nylon Tubing Rolls-Royce	Page 6 - 7
Nylon Tubing Cummins	Page 2 - 3	Parts Not Illustrated	Page 8
Nylon Tuhing G M	Page 4 - 5		



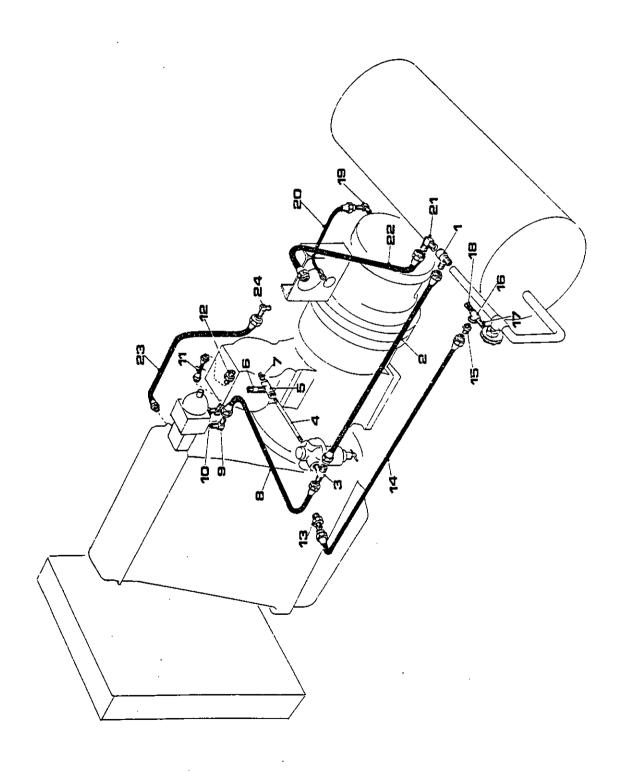
Illus.	NAME OF PART	7.70	OWY
No.	Parts indented after an item are included with the item.	PART NO.	QTY.
	WATER PUMP TO RADIATOR		
1	Reducing Bush	옷'' x ½'' BSPT	1
2	Male Elbow Connector - 608F	3"BSPTx5/8"od	1
3	Pump to Radiator Flex Pipe	T2T4998-2	1
4	Male Connector605F	12"BSPTx5/8" of	1 1
5	Reducing Bush	3" x ½" BSPT	1
"	OIL SEPARATOR (BPV) TO OIL COOLER	-	
6		AQ544-20	1
7	Adaptor Separator to Cooler Flex Pipe Assembly	T2T4984-1	1
i s		HD1320-20-20	1
9	Adaptor	1 ¹ / ₄ " BSPT	1
*	Pipe Clip	HD1300-11	4
*	Set Screw	3/8"UNC x 1"	4
*	Hex. Nut	3/8" UNC	4
*	Lockwasher	3/8"	4
*	Flat Washer	3/8"	4
1	OIL COOLER TO OIL FILTER TEE		
*		111" BSPT	1
1	Socket	HD1320-20-20	1
10	Adaptor Cooler to Filter Flex Pipe Assembly	T2T5213-1	î
11		HD1320-20-20	ī
12	Adaptor	1½" x ½" x 1½'bsp	1 -
13	Reducing Tee	1½" x 1½"BSPT	ī
14	Reducing Bush	14" BSPT	ī
15	Hex. Nipple	HD1300-11	4
*	Pipe Clip	3/8"UNC x 1"	4
*	Set Screw	3/8"	i
*	Lockwasher	3/8"	ī
*		3/8"BSF x 3/"	2
*	Set Screw - (Filter)	3/8"	2
*	Lockwasher - (to)	3/8"	2
Ţ	· · · · · · · · · · · · · · · · · · ·	0,0	_
1.0	OIL FILTER TO OIL PUMP Reducing Bush	1½" x 1½"BSPT	1
16	Reducing busa	HD1320-20-20	lī
17	Adaptor Filter to Pump Flex Pipe Assembly	T2T4984-3	ī
18		10110010	_
	BY-PASS VALVE TO OIL FILTER TEE	HD1320-8-10	1
19	Adaptor B. P. V. to Filter Flex Pipe Assembly	T2T4984-4	i
20		HD1320-8-10	1
21	Adaptor	1101020-0-10	•
1	OIL SEPARATOR TO SCAVENGE PUMP	T0770044	1
22	Oil Line Screen Assembly	T2V8044	1 1
23	Separator to Scavenge Pump Pipe Assembly	T2T4984-5 3/8"BSPT x 3/8"	_
24	Male Elbow Connector - 608F	3/9DSL I X 3/9	, u 1
	SCAVENGE PUMP TO OIL SEPARATOR	a human = a h	
25	Male Elbow Connector # 608F"	3/8"BSPT x 3/8"	
26	Scavenge Pump to Separator Pipe Assembly	T2T4984-6	1
27	Adaptor	HD1320-6-6	1
28	Male Female Elbow	3/8"BSPT	1
	OIL SEPARATOR TO DISCHARGE CHECK VALVE		
29	Male & Female Elbow 90°F	₹" BSPT	1
30	Separator to Discharge Check Valve Pipe Assembly	T2T4984-8	1
31	Adaptor	HD1320-12-12	1
			! - · ·

^{*}Not illustrated.



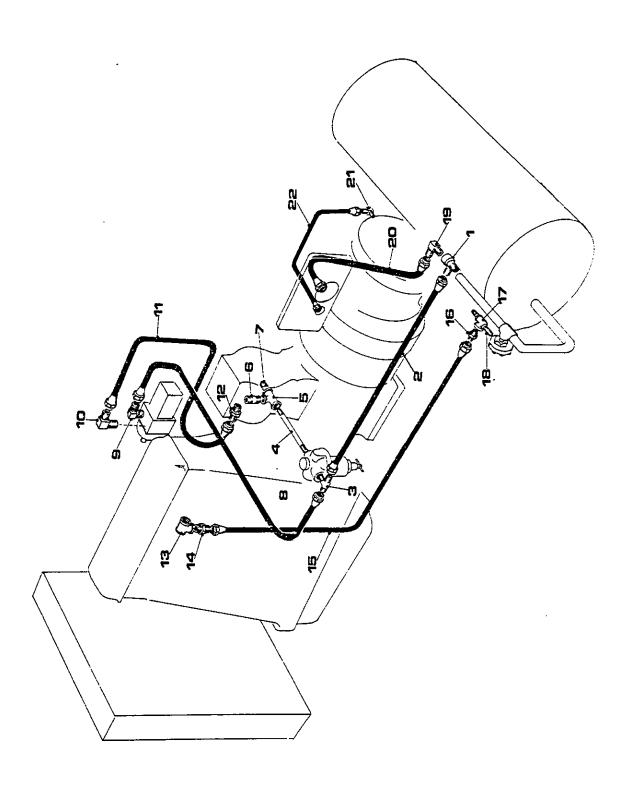
717	NAME OF PART		
Illus. No.	Parts indented after an item are included with the item.	PART NO.	QTY.
1 2	ATMOSPHERIC RELIEF VALVE TO OIL PRESSURE GAUGE Male Elbow Connector 608F Valve to Gauge Flex Tube Assembly	1/8"NPT x 3/16" T2T4984-14	od 1 1
3 4 5 6 7	ENGINE TO ATMOSPHERIC RELIEF VALVE Male Elbow Connector 608F Engine to Valve Flex Tube Assembly Male Connector 605F Female Tee Space Nipple	1/8"NPT x 5/16"oo T2T4984-15 1/8"NPT x 5/16"oo 1/8" NPT 1/8"NPT x 1"	1
8 9 10 *	ENGINE TO RADIATOR Reducing Bush Male Elbow Connector - 608F Engine to Radiator Flex Tube Assembly Female Connector - 607F Hex. Nipple	3/8"BSPT x 3/8"BSPT 3/8"BSPT x 3/8"0 T2T4998-1 3/8"BSPT x 3/8"00 3/8" BSPT	1
12 13	ALR END TO INTERSTAGE GAUGE Male Elbow Connector - 608F Air End to Gauge Flex Pipe Assembly	1/8''BSPT x 3/16''c T2T4984-12	d 1 1
14 15	SEPARATOR TO DISCHARGE GAUGE Male Elbow Connector - 608F	1/8"BSPT x 3/16" T2T4984-13	od 1 1
16 17 18	OIL SEPARATOR TO REDUCING VALVE Tee-612F- $\frac{1}{4}$ " BSPT Male x 1/8"BSPT Female Separator to Reducing Valve Flex Tube Assembly Tee 610F 5/16" od x 5/16" od x $\frac{1}{4}$ " BSPT	X5/16" OD T2T4 84-9	1 1 1
19 20 21 22	Space Nipple - (Reducing Valve) Female Tee - (to) Space Nipple - (Unloader) Pipe Plug - (Valve)	4'BSPT x 4½'' 4' BSPT 4'BSPT x 1½'' 4'' BSPT	1 1 1
23 24	REDUCING VALVE TO UL88 REGULATOR Reduce Valve to UL88 Flex Tube Assembly Male Elbow	T2T4984-10 #"BSPTx5/16"od	1
25 26 27	UL88 REGULATOR TO UL89 UNLOADER Male Elbow - 608F UL88 to UL99 Flex Tube Assembly Male Connector - 605F	4'BSPT T2T4984-10 1/8''BSPT x 5/16''	1 1 d 1
*	Double Tube Clamp Back Plate	5/16''	3
* *	Set Screw Hex. Nut Lockwasher	No. 10 UNC x $\frac{3}{4}$ ' No. 10 UNC No. 10	3 3 3

^{*}Not illustrated.



Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
1 2 3 4 5 6 7	OIL SEPARATOR TO REDUCING VALVE Tee $\frac{1}{4}$ " BSPT Male x 1/8" BSPT Female x 5/16" od Separator to Red Valve Flex Tube Assembly Tee - 5/16" od x 5/16" od x $\frac{1}{4}$ " BSPT Space Nipple - (Reducing Valve) Female Tee - (to) Space Nipple - (Unloader) Pipe Plug - (Valve)	612F T2T4984-9 610F ½"BSPT x 4½" ½" BSPT ½"BSPT x 1½" ¼" BSPT	1 1 1 1 1 1
8 9	REDUCING VALVE TO UL88 REGULATOR Reducing Valve to UL88 Flex Tube Assembly Male Elbow	T2T4938-11 ½''BSPT x 5/16''c	1 d 1
10 11 12	UL88 REGULATOR TO UL89 UNLOADER Male Elbow	½"BSPT x 5/16"c 92306208 605 F	d 1 1 1
* * * *	Double Tube Clamp Back Plate Set Screw Hex. Nut Lockwasher	5/16" No.10UNC x ³ / ₄ " No.10 UNC No. 10	3 3 3 3
13 14 15 16 17 18	ENGINE TO ATMOSPHERIC RELIEF VALVE Male Connector - 1/8"NPT x 5/16" OD Engine to Valve Flex Tube Assembly Male Connector - 1/8"NPT x 5/16" OD Female Tee Space Nipple Pipe Plug	605F T2T4984-15 605F 1/8" NPT 1/8"NPT x 1" 1/8" NPT	1 1 1 1 1
19 20	AIR END TO INTERSTAGE PRESSURE GAUGE Male Elbow Connector - 608F Air End to Gauge Flex Tube Assembly	1/8"BSPTx 3/16" T2T4984-12	od 1 1
21 22	SEPARATOR TO DISCHARGE GAUGE Male Elbow Connector - 608F Separator to Gauge Flex Tube Assembly	1/8"BSPT x 3/16" T2T4984-13	od 1 1
23 24	FUEL RAIL TO FUEL TANK DRAIN Fuel Rail to Tank Flex Tube Assembly Male Elbow Connector - 608F	92306190 1/4"BSPT x 5/16"c	1 d 1

^{*}Not illustrated.



Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QТY.
1 2 3	OIL SEPARATOR TO REDUCING VALVE Tee - $\frac{1}{4}$ "BSPT Male x 1/8"BSPT Female 5/16"od Separator to Reduce Valve Flex Tube Assembly Tee - 5/16"od x 5/16" od x $\frac{1}{4}$ " BSPT	612F T2T4984-9 610F	1 1 1
4 5 6 7	Space Nipple - (Reducing Valve)	$\frac{1}{4}$ "BSPT x $4\frac{1}{2}$ " $\frac{1}{4}$ " BSPT $\frac{1}{4}$ "BSPT x $1\frac{1}{4}$ " $\frac{1}{4}$ " BSPT	1 1 1
8 9	REDUCING VALVE TO UL88 REGULATOR Reducing Valve to UL88 Flex Tube Assembly Male Elbow $-\frac{1}{4}$ " BSPT x 5/16" od	92306174 608F	1
10 11 12 * * * *	UL88 REGULATOR TO UL89 REGULATOR Male Elbow - ½" BSPT x 5/16" od UL88 to UL89 Flex Tube Assembly Male Connector - 1/8" BSPT x 5/16" od Double Tube Clamp Back Plate Set Screw Hex. Nut Lockwasher ATMOSPHERIC RELIEF VALVE TO OIL PRESSURE GAUGE Male Elbow Connector - 608F Valve to Gauge Flex Tube Assembly	608F 92306182 605 F 5/16" No. 10 UNC x 3'' No. 10 UNC No. 10 1/8"NPT x 3/16" of T2T4984-14	1 1 3 3 3 3 3
* 13 14 15 16 17 18	ENGINE TO ATMOSPHERIC RELIEF VALVE Close Nipple Female Tee Male Connector - 605F Engine to Valve Assembly Male Connector - 605F Female Tee Close Nipple	14" BSPT 14" BSPT 14" BSPT x 5/16" o 9230615 8 1/8" NPT x 5/16" o 1/8" NPT 1/8" NPT	1 d 1 1
19 20	SEPARATOR TO DISCHARGE GAUGE Male Elbow Connector - 608F Separator to Gauge Flex Tube Assembly	1/8"BSPT x 3/16" T2T4984-13	od 1 1
21 22	AIR END TO INTERSTAGE PRESSURE GAUGE Male Elbow Connector - 608F	1/8''BSPT x 3/16' T2T4984-12	od 1 1

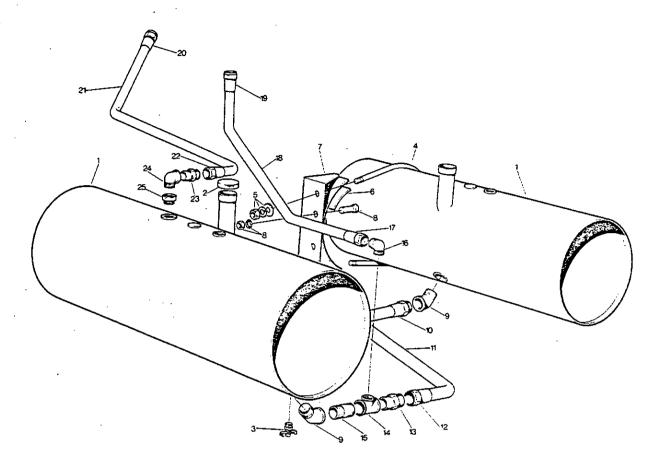
^{*}Not illustrated.

PAGE 8. SECTION 5. GYRO - FLO DR-600 PARTS NOT ILLUSTRATED

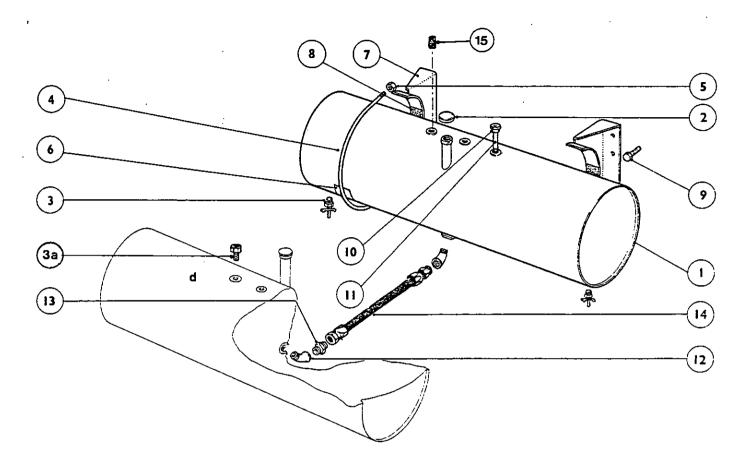
AUXILIARY PARTS

INDEX SECTION 6.

INDEX	
Fuel Tank	Page 1
UL88 Regulator Cummins	Page 2 - 3
UL88 Regulator Rolls-Royce	Page 4 - 5
UL88 Regulator G. M	Page 6 - 7
UL88 Regulator Linkage Cummins	Page 8
UL88 Regulator Linkage Rolls-Royce	Page 9
UL88 Regulator Linkage G.M.	Page 10 - 11
Oil Separator	Page 12 - 15
Oil Filter	Page 16
Compressor Air Filter	Page 17
Radiator & Oil Cooler Cummins	Page 18 - 19
Radiator & Oil Cooler Rolls-Royce	Page 20 - 21
Radiator & Oil Cooler G. M	Page 22 - 23
Engine Air Filter Cummins & G.M	Page 24 - 25
Engine Air Filter Rolls-Royce (RR)	Page 26 - 27
Oil Pump Relief Valve	Page 28
Oil Temp. By-Pass Valve	Page 29
Instrument Panel Cummins.	Page 30 - 31
Instrument Panel Rolls-Royce	Page 32 - 33
Instrument Panel G.M	Page 34
Parts Not Illustrated	Page 35 - 38



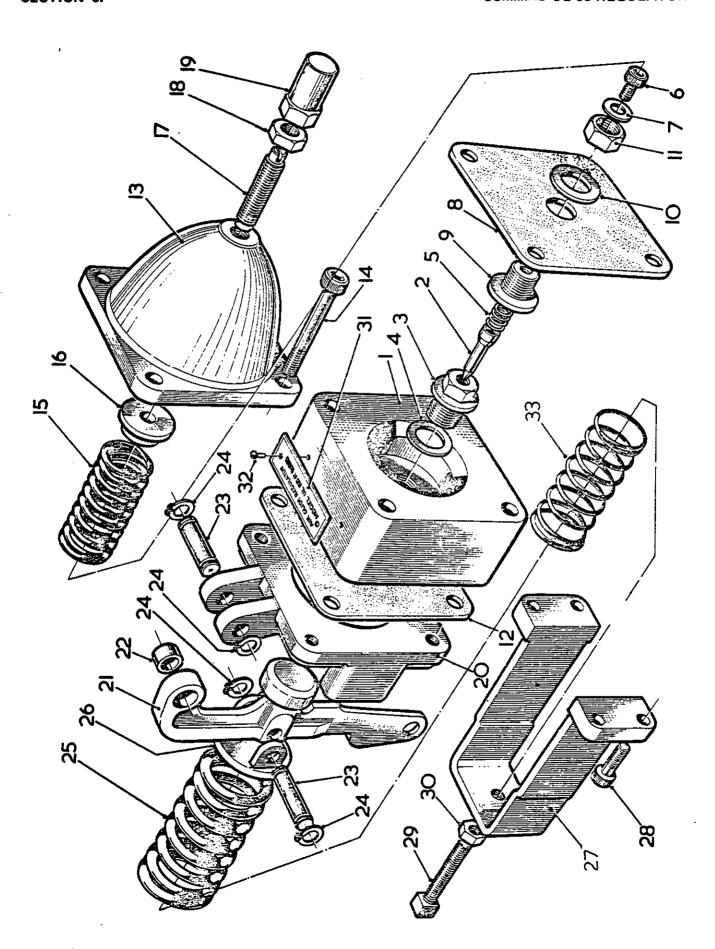
Illus	DESCRIPTION	PART NO	QTY
ЙO	Parts indented after an item are included with the item		
1	FUEL TANK	T2H16031TP	2
2	Fuel Tank Cap	EOA 9030	2
3	Fuel Tank Drain Cock	⅓" B.S. P. T.	4
4	Fuel Tank Strap	2R16181TP	4
5	Fuel Tank Strap Nut, Lockwasher and Taper Washer .	$\frac{1}{2}$ "-13	8
6	Fuel Tank Cushion	2W56939	12
7	Fuel Tank Bracket	2H17871TP	4
8	Fuel Tank Bracket Set Screw, Nut and Lockwasher	$\frac{1}{2}$ "-13 x 1"	8
•	FUEL TANK CONNECTING PIPE	_	l
9	Male and Female Elbow 45°	1" B.S.P.T.	2
	Flexible Pipe Assembly	92287613	1
10	Male Fitting E218-16	92254531	1
11	Flexible Hose 1503-16 x 34"	92255165	1
12	Female Fitting E202-16	92254440	1
13	Adaptor	HD1320-16-16	
14	Reducing Tee B.S. P. T.	$1'' \times 1'' \times \frac{1}{2}$	1
_	FUEL TANK TO FUEL FILTER		1
15	Close Nipple	1" B.S.P.T.	
16	Male Elbow 2" B.S. P. T. x 5/8" O.D. 605F	92253475	1
	Flexible Tube Assembly	92324326	1
17	Female Fitting 401-10	92271196	1
18	Flexible Hose 1503-10 x 37"	92344571	• 1
19	Female Fitting E202-10	92254424	1
	FUEL RETURN TO FUEL TANK		1
	Flexible Tube Assembly	92324334	1
20	Female Fitting 401-8	92323526	1
21	Flexible Hose 1503-8 x 46"	92344589	1
22	Female Fitting E202-8	92323542	1
23	Adaptor	HD1320-8-8	1
24	Male and Female Elbow 1" B.S.P.T	92354513	1
25	Reducing Bush $\frac{3}{4}$ " x $\frac{1}{2}$ " B.S. P.T	92252741	1



Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PARI NO.	QTY.
1 2 3 3a 4 5 6 7 8 9 10 11 12 13 14 *	FUEL TANK Fuel Tank Cap Fuel Tank Drain Cock B.S. P. T. Reducing Bush B.S. P. T. Fuel Tank Strap Fuel Tank Strap Nut, Lockwasher & Taper Washer Fuel Tank Cushion Fuel Tank Bracket Fuel Tank Cushions Fuel Tank Cushions Fuel Tank Bracket Set Screw, Nut & Lockwasher Fuel Tank Outlet Adaptor Fuel Tank Outlet Adaptor Fuel Tank Connecting Elbow Fuel Tank Connecting Elbow Fuel Hose (Fuel Feed) Complete Fuel Hose (Fuel Feed) Complete Fuel Hose (Pump Drain) Complete Fuel Hose (Pump Drain) Complete Pipe Plug Breather (GM units only) 3/8" BSPT	T2-H16031TP EOA9030 ½" ¾" x 3/8" 2R16181TP ½" - 13 2W56939 2H17871TP 2W56939 ½" - 13 x 1" T2V4686-2 ½" x 15" 1" x 45° HD1320-16-16 T2T4984-7 No.10 x 35" No. 8 x 64" No.6 x 64" ¼" BSPT 68982	2 2 4 1 4 8 8 4 4 8 1 1 1 1 1 1 1 2 2 2

^{*}Not illustrated.

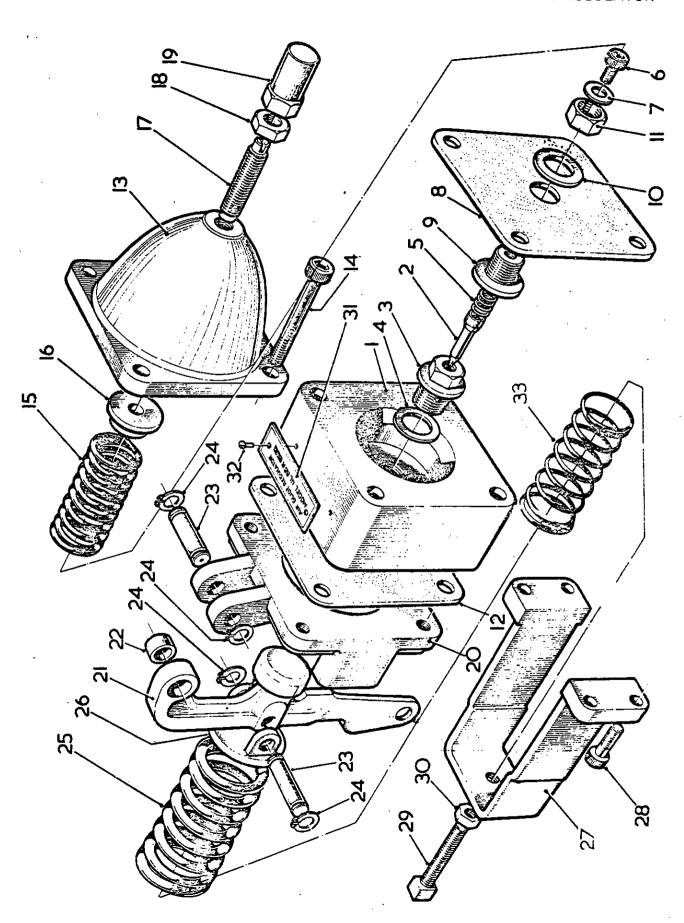
PAGE 2. SECTION 6.



Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
*	UL88 Speed & Pressure Regulator Complete	T2V4765	1
1	UL88 Regulator Body	2R15427P2	Î
*	UL88 Regulator Repair Kit	UL88-R85	ī
2	UL88 Regulator Metering Pin	2W32936	1
3	UL88 Regulator Metering Pin Seat	2W31748P2	$\bar{1}$
4	UL88 Regulator Metering Pin Seat Gasket .	T2V4912	1
5	UL88 Regulator Metering Pin Spring	PP607	ī
6	UL88 Regulator Socket Head Set Screw	$5/16'' - 24 \times 3/8''$	1
7	UL88 Regulator Set Screw Gasket	X1108T20	1
8	UL88 Regulator Top Cover Diaphragm	2W37087	1
9	UL88 Regulator Top Cover Bolt	2W32937	1
10	Top Cover Diaphragm Washer	2W1619P1	1
11	Top Cover Diaphragm Bolt Nut	2W32938	1
12	UL88 Regulator Bottom Cover Diaphragm .	2W34874	1
13	UL88 Regulator Top Cover	2R15430	1
14	UL88 Regulator Top Cover Set Screw Socket Hd.	7/16''- 14 x 2 ³ ''	4
15	UL88 Regulator Pilot Valve Spring	PP412	1
16	UL88 Regulator Pilot Valve Spring Seat	2W90675	1
17	UL88 Regulator Pilot Valve Adjusting Screw	2W26388	1
18	Pilot Valve Adjusting Screw Locknut	2W46062	1
19	UL88 Regulator Pilot Valve Adjusting Screw Nut.	2W12826P1	1
20	UL88 Regulator Bottom Cover	2R17467P1	1
21	UL88 Regulator Lever	2R18872	1
22	UL88 Regulator Lever Bushing	2W37528	1
23	UL88 Regulator Shaft	2W26387	2
24	UL88 Regulator Retaining Ring	X1318T9	4
25	UL88 Regulator Range Spring - Outside	PP604	1
26	UL88 Regulator Range Spring Seat	2W32830	1
27	UL88 Regulator Range Spring Support	2W34629	1
28	UL88 Support Socket Head Set Screw	$\frac{1}{4}$ " - 20 x $\frac{3}{4}$ "	4
29	UL88 Regulator Minimum Speed Screw	5/16''- 18 x 2 ³ ''	1
30	Minimum Speed Screw Locknut	5/16" - 18	1
31	UL88 Regulator Name Plate	7A16 x 172	1
32	UL88 Regulator Name Plate Drive Screw	No. $2 \times \frac{1}{4}$ "	2
33	UL88 Regulator Range Spring - Inside	T2V4677	1

^{*}Not illustrated.

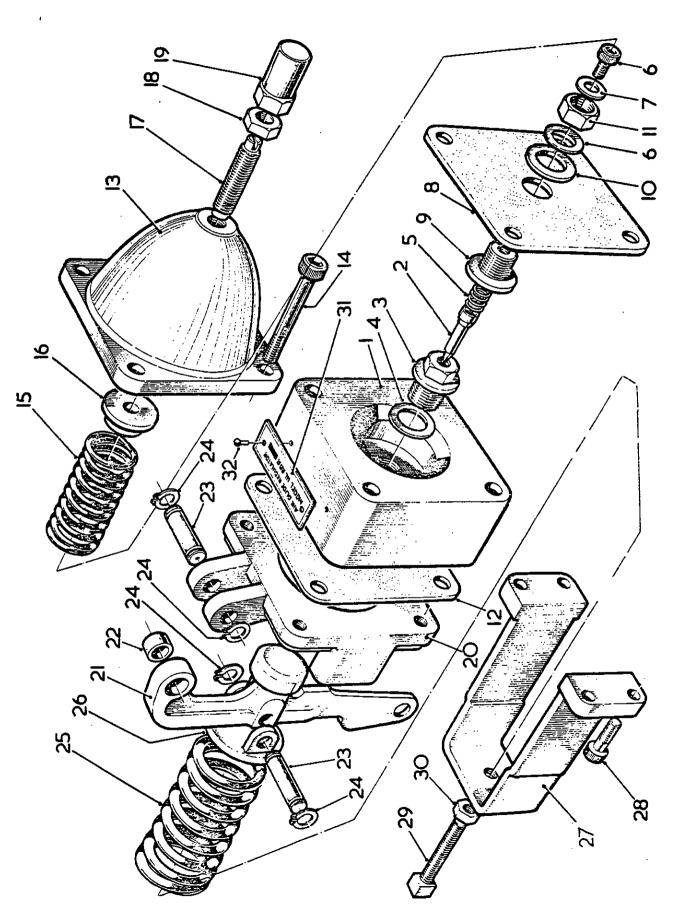
GYRO-FLO DR-600 ROLLS ROYCE UL88 REGULATOR



Illus.	NAME OF PART		
No.	Parts indented after an item are included with the item.	PART NO.	QTY.
*	UL88 Speed & Pressure Regulator Complete	TP2388	1
1	UL88 Regulator Body	2R15427P1	ī
*	UL88 Regulator Repair Kit	UL88-R85	1
2	UL88 Regulator Metering Pin	2W32936	1
3	UL88 Regulator Metering Pin Seat	2W31748P2	1
4	UL88 Regulator Metering Pin Seat Gasket	T2V4912	1
5	UL88 Regulator Metering Pin Spring	PP607	1
6	UL88 Regulator Socket Head Set Screw	5/16"'-24 x 3/8"	1
7	UL88 Regulator Set Screw Gasket	X1108T20	1
8	UL88 Regulator Top Cover Diaphragm	2W37087	1
9	UL88 Regulator Top Cover Diaphragm Bolt	2W32937	1
10	Top Cover Diaphragm Washer	2W1619P1	1
11	Top Cover Diaphragm Bolt Nut	2W32938	1
12	UL88 Regulator Bottom Cover Diaphragm	2W34874	1
18	UL88 Regulator Top Cover	2R15430	1
14	UL88 Regulator Top Cover Setscrew Socket Head	7/16'' - 14 x 2을''	4
15	UL88 Regulator Pilot Valve Spring	PP412	1
16	UL88 Regulator Pilot Valve Spring Seat	2W90675	1
17	UL88 Regulator Pilot Valve Adjusting Screw	2W26388	1
18	Pilot Valve Adjusting Screw Locknut	2W46062	1
19	UL88 Regulator Pilot Valve Adjusting Screw Nut	2W1°326P1	1
20	UL88 Regulator Bottom Cover	2R17467P1	1
21	UL88 Regulator Lever	2R35135P2	1
22	UL88 Regulator Lever Bushing	2W37528	1
23	UL88 Regulator Shaft	2W26387	2
24	UL88 Regulator Retaining	X1318T9	4
25	UL88 Regulator Range Spring - Outside	PP604	1
26	UL88 Regulator Range Spring Seat	2W32830	1
27	UL88 Regulator Rangle Spring Support	2W34629	1
28	UL88 Support Socket Head Set Screw	$\frac{1}{4}$ " - 20 x $\frac{3}{4}$ "	4
29	UL88 Regulator Minimum Speed Screw	$5/16'' - 18 \times 2\frac{3}{4}''$	1
30	Minimum Speed Screw Locknut	5/16" - 18	1
31	UL88 Regulator Name Plate	7A16 x 172	
32	UL88 Name Plate Drive Screw.	No. $2 \times \frac{1}{4}$ "	2
33	UL88 Regulator Range Spring - Inside	T2V4677	1

^{*}Not illustrated.

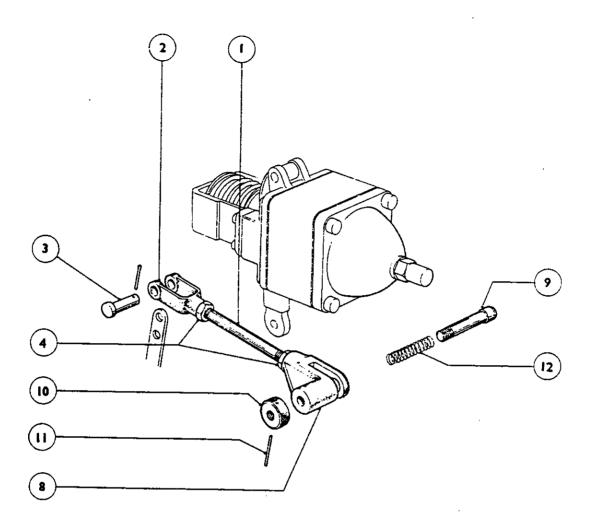
GYRO-FLO DR-600 G.M.: UL88 REGULATOR



Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
140.	Parts indented after an item are included with the item.		
*	UL88 Speed & Pressure Regulator Complete	TP26782	1
1 1	UL88 Regulator Body	2R15427P1	1
*	UL88 Regulator Repair Kit	UL88 - R85	
2	UL88 Regulator Metering Pin	2W32936	1
3	UL88 Regulator Metering Pin Seat	2W31748P2	1
4	UL88 Regulator Metering Pin Seat Gasket.	T2V4912	1
5	UL88 Regulator Metering Pin Spring	PP607	1
6	UL88 Regulator Socket Head Setscrew	5/16" x 24 x 3/8"	' 1
7	UL88 Regulator Set Screw Gasket	X1108T20	1
8	UL88 Regulator Top Cover Diaphragm	2W37087	1
9	UL88 Regulator Top Cover Bolt	2W32937	1
10	Top Cover Diaphragm Washer	2W1619P1	1
11	Top Cover Diaphragm Bolt Nut	2W32938	1
12	UL88 Regulator Bottom Cover Diaphragm	2W34874	1
13	UL88 Regulator Top Cover	2R15430	1
14	UL88 Regulator Top Cover Set Screw Socket Hd.	7/16''- 14 x 2聋''	4
15	UL88 Regulator Pilot Valve Spring	PP412	1
16	UL88 Regulator Pilot Valve Spring Seat	2W90675	1
17	UL88 Regulator Pilot Valve Adjusting Screw	2W26388	1
18	Pilot Valve Adjusting Screw Locknut	2W46062	1
19	UL88 Regulator Pilot Valve Adjusting Screw Nut	2W12826P1	1
20	UL88 Regulator Bottom Cover	2R17467P1	1
21	UL88 Regulator Lever	2R35135P2	1
22	UL88 Regulator Lever Bushing	2W37528	1
23	UL88 Regulator Shaft	2W26387	2
24	UL88 Regulator Retaining Ring	X1318T9	4
25	UL88 Regulator Range Spring - Outside	PP604	1
26	UL88 Regulator Range Spring Seat	2W32830	1
27	UL88 Regulator Range Spring Support	2W31759	1
28	UL88 Support Socket Head Set Screw	$\frac{1}{4}$ " - 20 x 1"	4
29	UL88 Regulator Minimum Speed Screw	5/16" - 18 x 2¾"	1
30	Minimum Speed Screw Locknut	5/16'' - 18	1
31	UL88 Regulator Name Plate	7A16 x 172	1
32	UL88 Regulator Name Plate Drive Screw	No. $2 \times \frac{1}{4}$	2

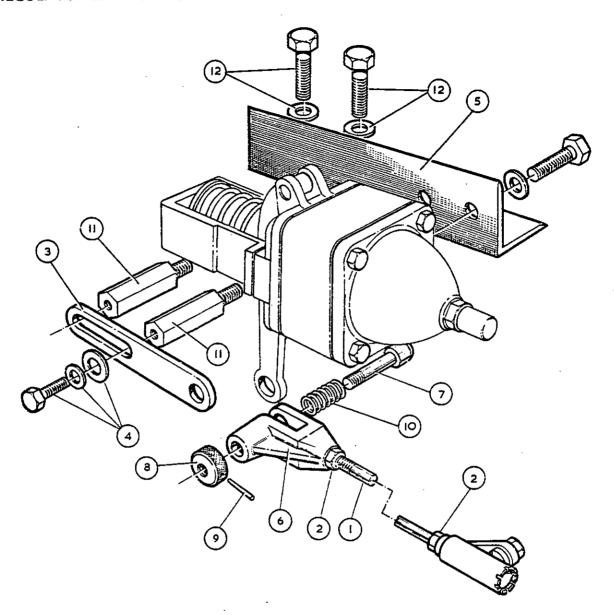
Always give the serial number of your compressor. Do not order by illustration number - order by part number.

^{*} Not illustrated.



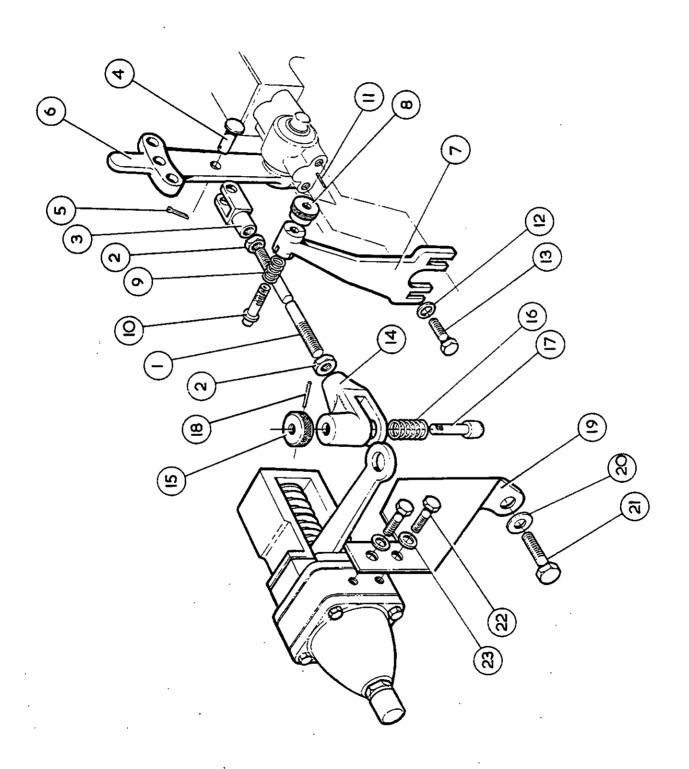
Illus No	DESCRIPTION Parts indented after an item are included with the item	PART NO	QTY
1 2 3 3a * 4 * 8 9 10 11 12	UL88 Regulator Governor Lever Link Rod UL88 Regulator Rod End Clevis UL88 Regulator Rod End Clevis Pin Split Pin 1/8" x ½" Flat Washer 5/16" UL88 Regulator Rod End Lock Nut 5/16" UNF UL88 Manual Speed Latch Assembly UL88 Manual Speed Latch UL88 Manual Speed Latch Pin UL88 Latch Plunger Pull Knob UL88 Latch Plunger Pull Knob Pin UL88 Latch Plunger Spring PP232	92305002 T97012ES T73931 92256759 92005842 92271543 T2W35049 T2V4644 2W35046 2W43729 .094" x ½" 92268077	1 1 1 1 1 1 1 1 1 1 1

^{*}Not illustrated.



Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
2 2 4 5 * 6 7 8 9 10 11 12	UL88 Regulator Governor Lever Link Rod UL88 Regulator Rod End Lock Nut UL88 Regulator Manual Speed Control Bracket UL88 Control Bracket Set Screw and Washer UL88 Regulator Bracket UL88 Regulator Manual Speed Latch Assembly UL88 Regulator Manual Speed Latch UL88 Regulator Manual Speed Latch UL88 Regulator Manual Speed Latch Pin UL88 Regulator Latch Plunger Pull Knob UL88 Regulator Latch Plunger Pull Knob Pin UL88 Speed Latch Plunger Spring Stud Pillar Set Screw UNF & Washer	T2V6273 $5/16'' - 24$ T2V4989 $5/16'' - 18 \times \frac{3}{4}''$ T2T3857 T2W35049 T2V4644 2W35046 2W43729 .094 $\times \frac{1}{2}''$ PP232 T2V5657 $\frac{1}{2}'' \times \frac{3}{4}''$	1 2 1 2 1 1 1 1 1 2 2

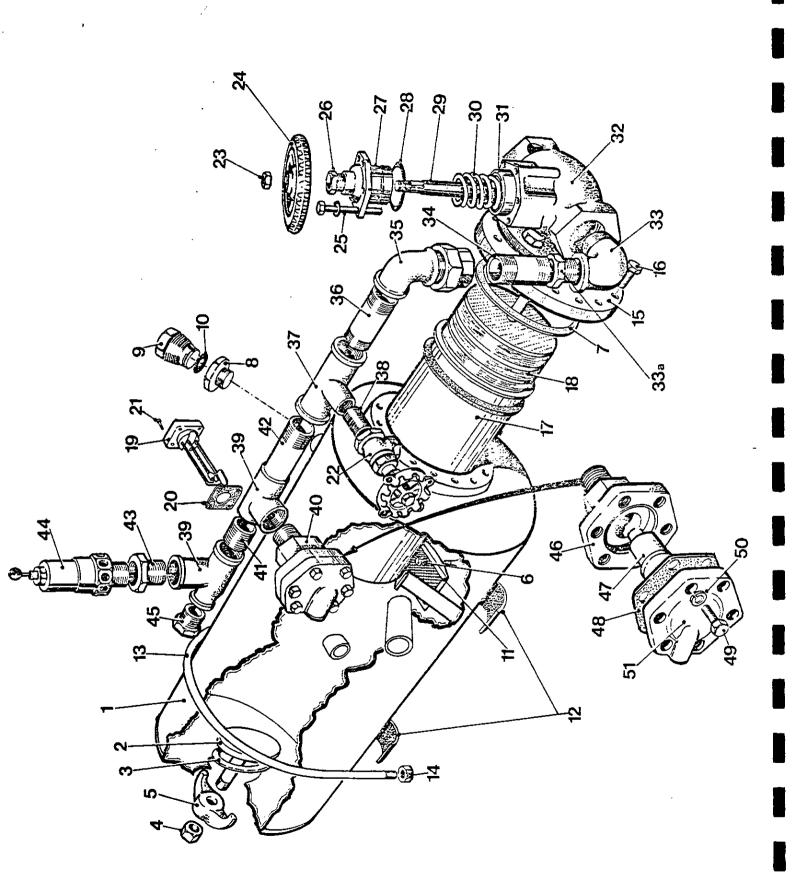
^{*}Not illustrated.



Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY
1	Governor Link Rod	X1581-23	1
2	Governor Link Rod Lock Nut	5/16'' - 24	2
3	Clevis	T97012ES	1
4	Clevis Pin	73931	1
*	Flat Washer	5/16"	1
5	Split Pin	$1/8'' \times \frac{1}{2}''$	1
6	Manual Speed Control Lever	R18028	1
7	Manual Speed Control Lever Bracket	R18027	1
8	Plunger Pull Knob.	W32660	1
9	Plunger Spring	PP232	1
10	Plunger	W35050	1
11P	Pull Knob Lock Pin (Roll Pin)	.094" x 5/16"	1
12	Flat Washer	5/16"	2
13	Set Screw	5/16"'UNF x 4"	2
14	Manual Speed Latch	V4644	1
15	Manual Speed Latch Pull Knob	2W43729	1
16	Pull Knob Spring	PP232	1
17	Plunger	W35046	1
18	Pull Knob Lock Pin (Roll Pin)	.094" x 5/16"	1
19	Regulator Bracket	R18020	1
20	Flat Washer	$\frac{1}{2}$ "	2
21	Set Screw	½"UNC x 1½"	2
22	Set Screw	½" UNC x 1"	2
23	Lockwasher	$\frac{1}{2}$ 11	2

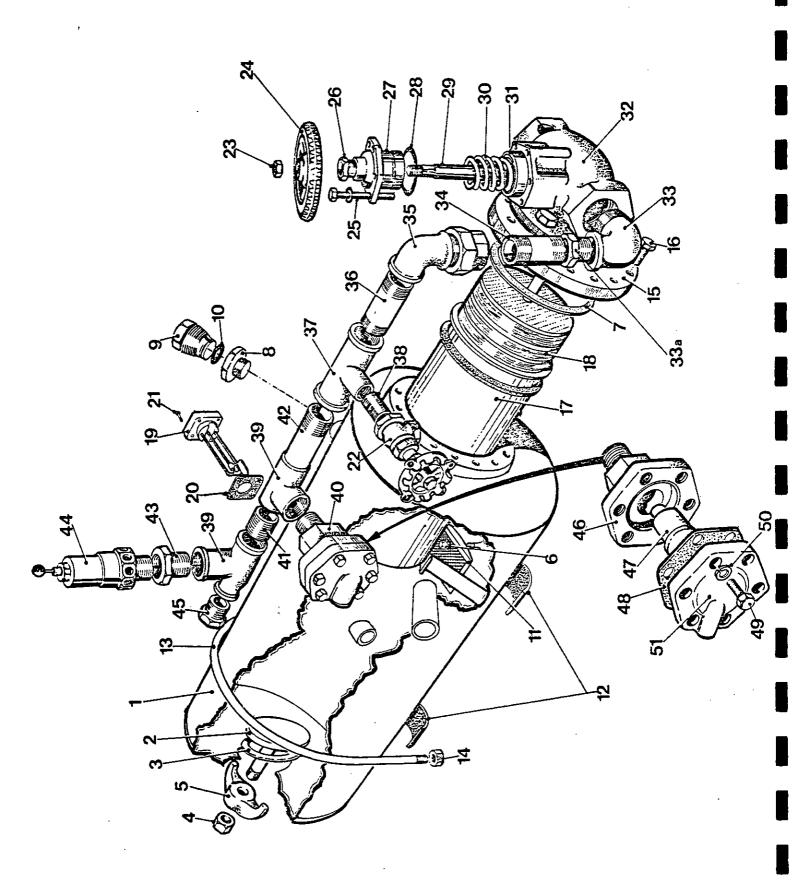
^{*}Not illustrated.

PAGE 12. SECTION 6.



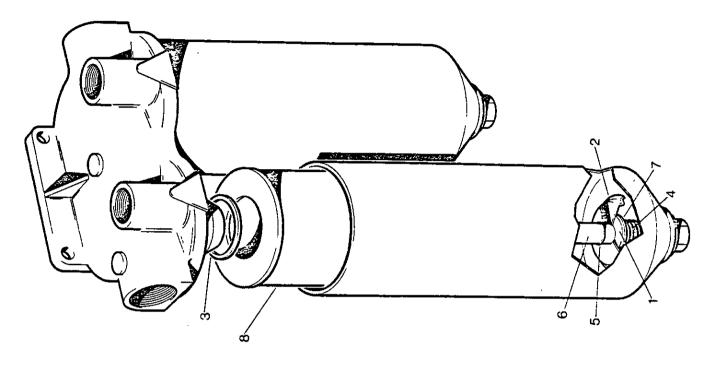
7,1	NAME OF PART	D4.DM 320	QTY.
Illus.	Parts indented after an item are included with the item.	PART NO.	(11.
No.	Parts indented after an item are		
1	OIL SEPARATOR TANK	T2N1255-1	1
2	Oil Separator Hand Hole Cover	5'' x 3½'' - 2	1
3	Oil Separator Hand Hole Gasket	92260454	1
4	Oil Separator Hand Hole Cover Nut		1
5	Oil Separator Hand Hole Cover Yoke	1	1
6	Oil Filter Screen Nut and Lockwasher	3/8" - 16	2
7	Oil Separator Sheil to Tank Cover Gasket	T2V4776	2
8	Oil Filler Hole Adaptor	92251776	1
0	Oil Filler Hole Adaptor Plug	92257369	2
*	Plug2"BSPT	92292796	1
*	I-R Name Plate		1
*	Drive Screw	1/8"	4
1	Oil Filler Hole Plug	92298330	1
9	Oil Filler Plug "O" Ring	X1514T222C	1
10		2H15071	1
11	Oil Filter Screen Assembly	3/8" UNC	2
*	Hex. Nut	3/8"	2
*	Lockwasher	$2\frac{1}{2}$ " x $4\frac{1}{2}$ " x $3/16$ "	
12	Oil Separator Tank Support Cushion	T2T5233	2
13	Oil Separator Tank Strap		4
14	Oil Separator Tank Strap Lock Nut	$\frac{1}{2}$ " - 20	2
*	Taper Washer	T2T4996	1
15	Oil Separator Cover	$\frac{3}{4}$ " - 10 x $2\frac{1}{4}$ "	14
16	Oil Separator Cover Set Screw & Washer		
17	Oil Separator Inner Shell	2R21921 T2H11131T	1
18	Screen Assembly with Packing	<u> </u>	8 lbs.
18a	Oil Separator Wool	2W32855	
19	Oil Separator Tank Oil Level Gauge	2R17410	1
20	Oil Level Gauge Gasket	T2T4949	1
21	Oil Level Gauge Set Screw & Lockwasher	$5/16'' - 18 \times 7/8''$	1
*	Minimum Pressure Valve Complete	T2V8796	1
22	Globe Valve	3'' BSPT	1
23	Valve Hand Wheel Lock Nut	$\frac{1}{2}$ " - 13	1
24	Valve Hand Wheel	2R21680	1
25	Valve Body Setscrew & Lockwasher	2W40729	6
26	Valve Stem Retaining Nut	2W37764	1
27	Valve Body Cover	2R21850	1
28	Valve Body Cover "O" Ring	X1514T233C	1
29	Valve Stem	2R21852TP	1 .
30	Valve Spring	35511500	1
31	Valve	35511583	1
*	Valve Ring	X1312T12	1
32	Valve Body	T2N1998	
32	142.0 2009 111111111111111111111111111111111		

^{*}Not illustrated.



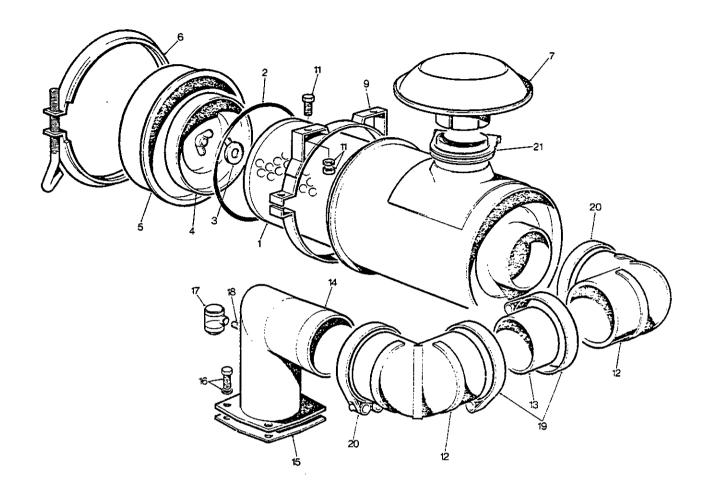
Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY
			
33	SAFETY VALVE PIPE WORK Male & Female Elbow 90° - 1½" BSPT	92253939	•
33a	Reducing Bush - $1\frac{1}{2}$ " x $1\frac{1}{4}$ " BSPT	92252766	1 1
34	Space Minnle	$1\frac{1}{4}$ "BSPT x $4\frac{1}{2}$ 'lg	_
35	Space Nipple	92253863	1
36	Space Nipple	$1\frac{1}{4}$ "BSPT x $4\frac{1}{2}$ "	1
37	Space Nipple Reducing Tee $1\frac{1}{4}$ " x $1\frac{1}{4}$ " x $\frac{3}{4}$ " BSPT	92272681	2
38	Close Minnle 3" BSDT	92354562	1
39	Close Nipple $\frac{3}{4}$ " BSPT	92258805	1
40	Atmospheric Relief Valve	T2R26559	1
41	Close Nipple 1½" BSPT	92354588	1
42	Space Nipple - 1½" BSPT x 8"	92256098	î
43	Reducing Bush	1½" x 1" BSPT	1
44	Safety Valve - 1" x 125 BSPT x PSI	92259423	1
45	Reducing Bush - $\frac{1}{2}$ " x $\frac{1}{4}$ " BSPT	92354380	1
	ATMOSPHERIC RELIEF VALVE ASSY	102001900	_
46	Valve Body	T2R26564	1
47	Valve Piston	T2W37695	1
48	Valve Diaphragm Unwinterized	T2W37185	1
*	Valve Diaphragm Winterized Units	T2W48943	ī
49	Valve Diaphragm Setscrews UNC	5/16" - 18 x 1"	6
50	Lockwasher	5/16"	6
51	Valve Diaphragm Cover	T2W37184	1
*	Space Nipple Extra Heavy B.P.V. to Tank		_
	$1\frac{1}{4}$ " BSPT x $1\frac{1}{4}$ " NPT x $2\frac{1}{2}$ "	92256122	
*	Set Screw - (Service)	$5/8''$ UNC x $1\frac{1}{2}''$	4
*	Lockwasher - (Valve)	5/8"	$\frac{1}{4}$
*	"O' Ring Seal - (To Tank)	X1514/241	ī
	Flange	T2V8889	1
	Gasket	T2V8890	1
	Set Screw	$5/8"$ UNC x $2\frac{1}{4}"$	4
	Hex. Nut	5/8" UNC	4
*	Reducing Bushing - BSPT	$\frac{3}{4}$ " x 3/8"	1
*	Hexagon Nipple BSPT	3/8"	1
*	Globe Valve (Drain) - BSPT	3/8"	1
	Pipe Plug	½ BSPT	2

^{*}Not illustrated.



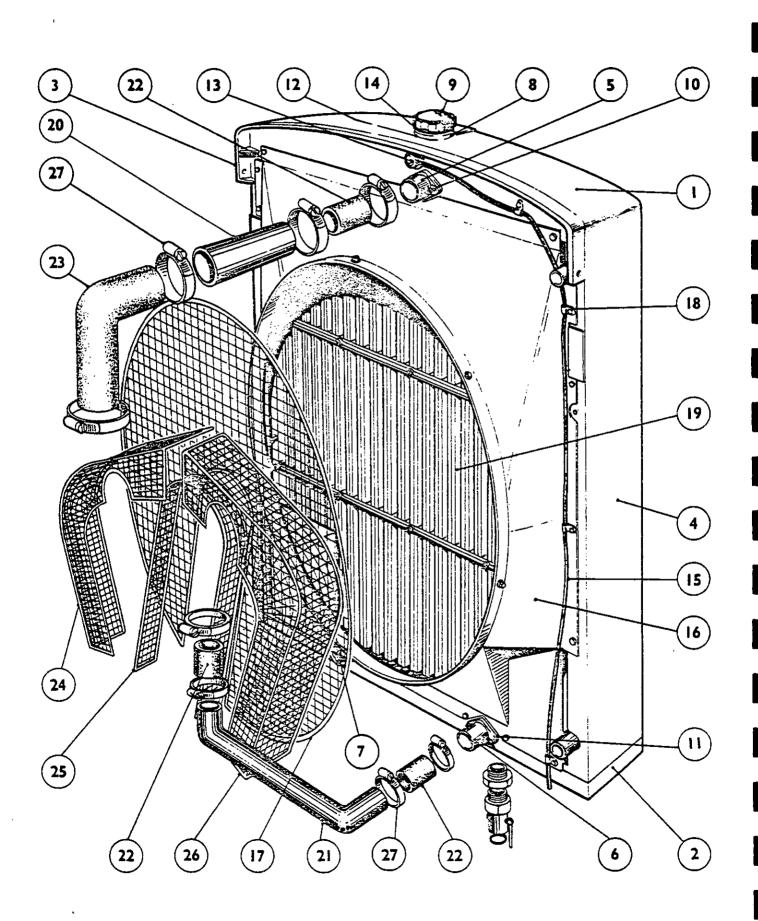
Illus No	DESCRIPTION Parts indented after an item are included with the item	PART NO	QTY
	OIL FILTER COMPLETE MF 14604	92313261	1
1	Centre Bolt Seal	92309871	2
2	Element Guide	92313295	2
3	Element Seal	92313436	2
4	Spring	92309855	2
5	Circlip	92309897	2
6	Centre Bolt	92313279	2
7	Washer	92309863	2
8	Service Replacement Element (include Head Seal) .	92311372	2

^{*}Not illustrated.



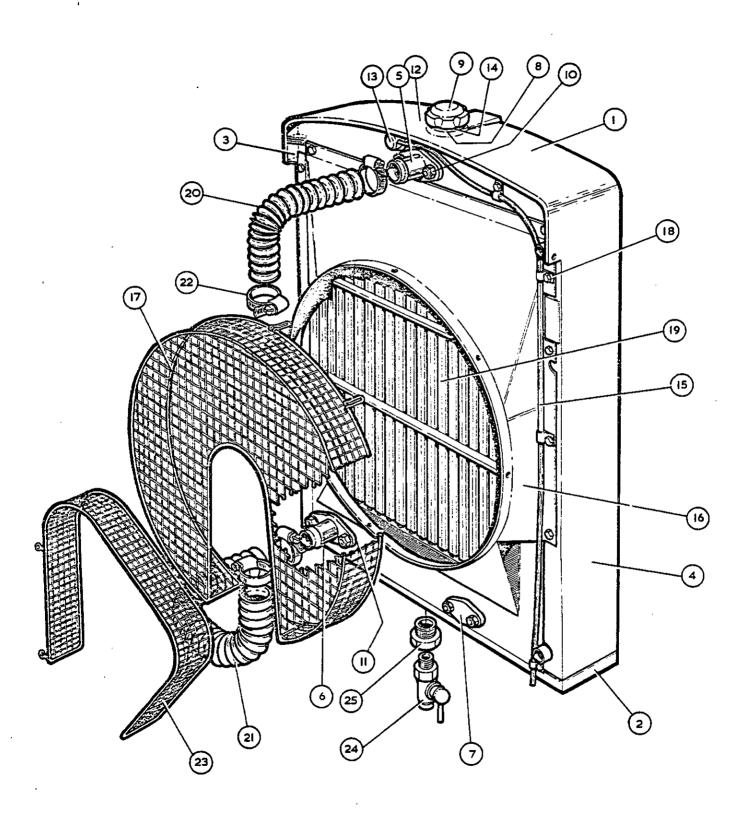
Illus No	DESCRIPTION Parts indented after an item are included with the item	PART NO	QTY
	Compressor Air Filter Complete DA150	92266402	1
1	Air Filter Element Assy.	T2DU1518	1 1
2	Cup Gasket	T2DU223	1
3	Wing Nut	T2DU657	1 1
4	Bairle	T2DU1519	ī
5	Cup Assy.	T2DU1520	ī
6	Clamp Assy.	T2DU977	ī
7	Stack Cap	T2DU112/4	1
9	Mounting Band	T2DU1780	2
11	Set Screw, Nut & Lockwasher	3/8"UNC x 3"LG	
12	Rubber Elbow (6'' x $5\frac{1}{2}$ '') PT 5823/2C	92288463	2
13	Air Intake Connector	92294263	1
14	Air Filter Inlet Elbow	92294156	ו - ז
15	Filter Inlet Elbow Gasket	2G6462	ī
16	Set Screw and Lockwasher	½"-13 x 7/8"	4
17	Restriction Indicator	92268051	1
18	Pipe Nipple 1/8" NPT x 1"	92256205	1
19	'T' Clamp T2V8735 6"	92280239	2
20	'T' Clamp T2V8736 6½"	92280379	2
21	Stack Pipe Clip (Burgess) 6" Dia.	92286684	1

^{*}Not illustrated.



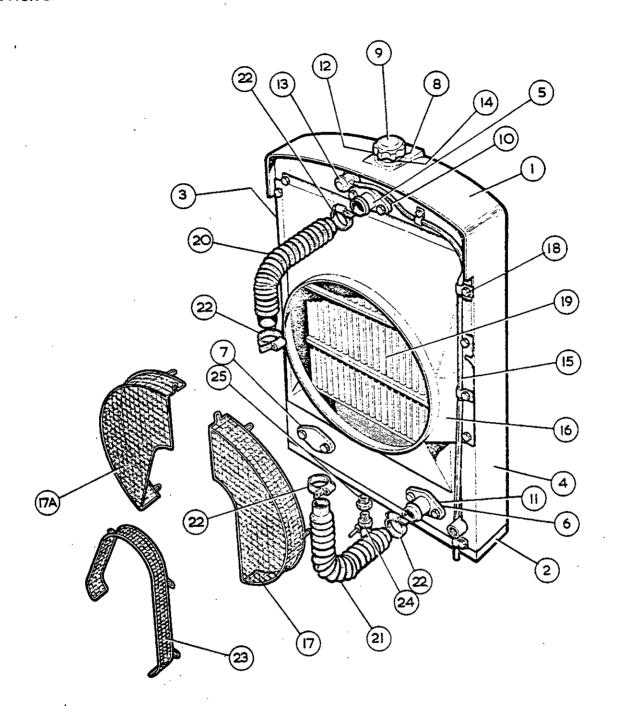
	WAR OF BART		
Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
No.	Parts indented after an item are included with the item.		
*	RADIATOR AND OIL COOLER SYSTEM	T2/29187	1
*	RADIATOR ASSEMBLY COMPLETE	T2/28224	1
1	Radiator Top Tank	T2/27524 T2/12321C	1
2	Radiator Bottom Tank Radiator LH Side Standard	T2/12321C T2/12322D	i
3	Radiator RH Side Standard	T2/12323D	ī
5	Radiator Top Water Pipe	T2/11320	1
6	Radiator Bottom Water Pipe	T2/11320	1
7	Radiator Blank Flange	T2/11318	2
*	Radiator I. R. Badge	T2/17027 T2/27530	1
8	Radiator Filler Adaptor Radiator Filler Cap	T2/8480	ī
9	Chain for Filler Cap	T2/8682	1
*	Radiator Grille Complete	T2/28225	1
*	Radiator Pressure Relief Valve (4 lbs)	T2/6446	1
*	Joint - Radiator Tube Plate	T2/12328	2
10	Joint - Radiator Top Water Pipe	T2/5962 T2/5962	2
11	Joint - Radiator Bottom Water Pipe & Blank Flange Joint - Radiator Filler Adaptor	T2/8683	1
12 13	Joint - Radiator Filler Adaptor Joint - Radiator Relief Valve	T2/6447	2
13	Joint - Washer - Radiator Filler Cap	T2/8684	1
15	Radiator External Overflow Pipe	T2/12984	1
16	Radiator Fancowl	T2/28223	1 1
17	Radiator Fanguard.	T2/12325 T2/5702	⊥ 4
18	Radiator Overflow Pipe Clip	T2/3702 T2/12257	ī
	Radiator Tube Block Complete	T2/18882	1
*	Radiator Top Tube Plate Complete	T2/18883	1
*	Radiator Bottom Tube Plate Complete	T2/18884	1
19	Withnell Tube	T2/12347	57 114
*	Radiator Tube Ferrule	T2/5184 T2/18860	2
*	Radiator Front Tube Stay	T2/18859	2
1	Radiator Tube Stay Distance Piece	T2/6192	6
*	OIL COOLER ASSEMBLY COMPLETE	,	<u> </u>
1	(3 Row 2 Pass)	T2/29044	1
*	Oil Cooler Inlet/Outlet Header Tank	T2/29045 T2/29046	1 1
*	Oil Cooler Return Header Tank	T2/29046 T2/29047	1
*	Joint - Inlet / Outlet Header Tank	T2/29048	i
-	Joint - Oil Cooler Oil Connection	T2/13542	2
*	Oil Cooler Air Baffle	T2/29051	2
*	Oil Cooler Mounting Bracket	T2/29052	4
*	Oil Cooler Tube Block Complete	T2/26825 T2/17037	1 2
*	Oil Cooler Oil Connection Tube Complete Oil Cooler Tube Stay Complete	T2/26827A	3
20	Upper Radiator Pipe	T2V4848	1
20	Lower Radiator Pipe	T2V4815	1
22	Radiator Hose Connections	2¼™ x 3½" lg	3
23	Radiator Top Elbow Connection	T2V4784	1
24	Fuel Pump Drive Guard	T2T3376	1
25	Fan Belt Guard	T2V4902	1
*	Set Screw	½ UNC x ¾'' ½'' UNC	6
*	Nut Plate Washer 1" OD	1 2" UNC	6
1	Lockwasher 1" OD	<u>र</u> रे"	6
26	Generator Belt Guard	T2T3499	1
27	Radiator Hose Clip	No. 3	8
*	Radiator Brace	T2W26800	2
*	Set Screw	3/8" UNC x 14	
*	Set Screw	3/8"UNC x 1" 3/8"	4 8
28	Lockwasher Drain Cock	1 BSPT	1
29	Reducing Bush.	₹ x ¼ BSPT	î
1 20			!

^{*}Not illustrated.



Illus.	NAME OF PART	PART NO.	QTY.
No.	Parts indented after an item are included with the item.	PART NO.	QII.
*	RADIATOR AND OIL COOLER SYSTEM	T2/28281A	1
*	RADIATOR ASSEMBLY COMPLETE	T2/20089E	î
· 1	Radiator Top Tank	T2/12320E	ī
2	Radiator Bottom Tank.	T2/12321B	1
3	Radiator LH Side Standard.	T2/12322D	1
4	Radiator RH Side Standard	T2/12323D	1
5	Radiator Top Water Pipe	T2/11319	1
6	Radiator Bottom Water Pipe	T2/11319	1
7	Radiator Blank Flange	T2/11318	2
*	Radiator I. R. Badge	T2/12269	1
8	Radiator Filler Adaptor	T2/12333A	1 1
9	Radiator Filler Cap.	T2/8480 T2/8682	1
*	Chain for Filler Cap Radiator Grille Complete	T2/12326D	1
*	Radiator Pressure Relief Valve (4 lbs)	T2/6446	1
*	Joint - Radiator Tube Plate	T2/12328	2
10	Joint - Radiator Top Water Pipe	T2/5962	1
11	Joint - Radiator Bottom Water Pipe & Blank Flange	T2/5962	2
12	Joint - Radiator Filler Adaptor	T2/8683	1
13	Joint - Radiator Relief Valve	T2/6447	2
14	Joint - Washer - Radiator Filler Cap	T2/8684	1
15	Radiator External Overflow Pipe	T2/12984	1
16	Radiator Fancowl	T2/26417	. 1
17	Radiator Fanguard - Complete	T2/26418	1
18	Radiator Overflow Pipe Clip	T2/5702	4 1
*	Radiator Internal Overflow Pipe Complete	T2/12257 T2/12317	1
*	Radiator Tube Block Complete	T2/12317	1
*	Radiator Bottom Tube Plate Complete	T2/12375	1
19	Withnell Tube	T2/12347	57
*	Radiator Tube Ferrule	T2/5184	114
*	Radiator Front Tube Stay	T2/12371	2
*	Radiator Rear Tube Stay	T2/12370	2
*	Radiator Tube Stay Distance Piece	T2/11080	6
	OIL COOLER ASSEMBLY COMPLETE(2 Row 2 Pass	<u> </u>	
	0.65 Pitch)	T2/28286	1
	Oil Cooler Inlet/Outlet Header Tank	T2/28287	1
	Oil Cooler Return Header Tank	T2/28288	1
	Joint - Inlet/Outlet Header Tank	T2/28289 T2/28290	1 1
	Joint - Return Header Tank	T2/28291	2
	Oil Cooler Air Baffle	T2/28292	2
	Oil Cooler Mounting Bracket	T2/28293	4
	Oil Cooler Tube Block Complete	T2/28296	ī
	Oil Cooler Oil Connection Tube Complete	T2/28294	2
	Oil Cooler Tube Stay Complete	T2/18856	3
20	Upper Radiator Hose	2"ID x 24"	1
21	Lower Radiator Hose	2"ID x 30"	1
22	Fan Belt Guard	T2T4036	1
23	Radiator Hose Clips	No. 3	4
*	Radiator Brace	T2W26800	2
1 *	Set Screw	5/8" UNC x 1½	4
*	Lockwasher	5/8" UNC	4
*	Flat Washer	5/8"	4
	Set Screw	1/4"UNC x 3/4"	6
*	Hex. Nut	4" UNC	6
*	Lockwasher	1 4 010	6
*	Plate Washer	1 x 1" OD	6
*	Flat Washer	$\frac{1}{4}$ "	6
24	Drain Cock	4" BSPT	ì
25	Reducing Bush.	3" x 1" BSPT	1

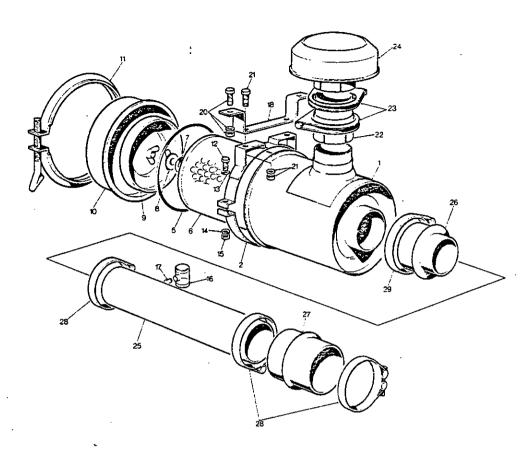
^{*}Not illustrated.



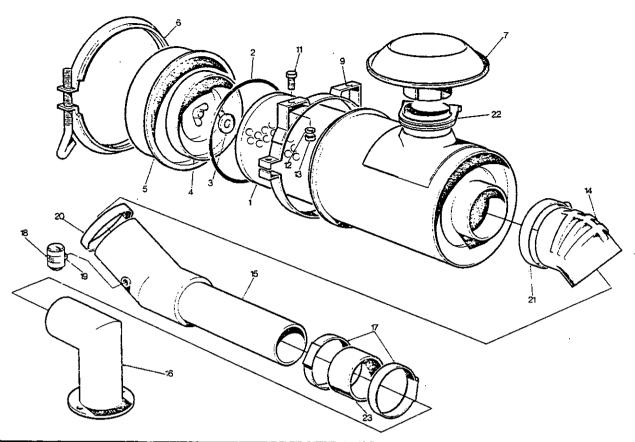
Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
*	RADIATOR AND OIL COOLER SYSTEM	T2/28298B1	1
*	RADIATOR ASSEMBLY COMPLETE	T2/18851F	1
1	Radiator Top Tank	T2/12320F	1
2	Radiator Bottom Tank	T2/12321C	1
3	Radiator LH Side Standard	T2/12322D	1
4	Radiator RH Side Standard	T2/12323BD	1
5	Radiator Top Water Pipe	T2/11319	1
6	Radiator Bottom Water Pipe	T2/11319	1
7	Radiator Blank Flange	T2/11318	2

Illus.	NAME OF PART		
No.	Parts indented after an item are included with the item.	PART NO.	QTY.
*	Radiator I. R. Badge	T2/12269	1
8	Radiator Filler Adaptor	T2/12333A	1
9	Radiator Filler Cap	T2/8480	1
*	Chain for Filler Cap	T2/8682	1
*	Radiator Grille Complete	T2/12326D	1
*	Radiator Pressure Eelief Valve (4 lbs)	T2/6446	ī
*	Joint - Radiator Tube Plate	T2/12328	2
10	Joint - Radiator Top Water Pipe	T2/5962	1
11	Joint - Radiator Bottom Water Pipe & Blank Flange	T2/5962	2
12	Joint - Radiator Filler Adaptor	T2/8683	1
13	Joint - Radiator Relief Valve	T2/6447	$\hat{2}$
14	Joint - Washer - Radiator Filler Cap	T2/8684	1
15	Radiator External Overflow Pipe	T2/12984	1
16	Radiator Fancowl	T2/17619E	1
17	Radiator Fanguard	T2/20908	1
18	Radiator Overflow Pipe Clip	T2/5702	4
*	Radiator Internal Overflow Pipe Complete	T2/12257	1
*	Radiator Tube Block Complete	T2/12237 T2/18882	1
*	Radiator Top Tube Plate Complete	T2/18883	1
*	Radiator Bottom Tube Plate Complete		
19		T2/18884	1
*	Radiator Tube Ferrule	T2/12347	83
*	Radiator Front Tube Stay	T2/5184	166
*	Podiator Contro Tube Stay	T2/18860	2
*	Radiator Centre Tube Stay	T2/18859	2
·	Radiator Tube Stay Distance Piece OIL COOLER ASSEMBLY COMPLETE(2 Row 2 Pass	T2/6192	14
	O CE Dital	mo /0.00.00	_
		T2/28286	1
	Oil Cooler Inlet/Outlet Header Tank	T2/28287	1
	Oil Cooler Return Header Tank	T2/28288	1
	Joint - Inlet/Outlet Header Tank	T2/28289	1
	Joint - Return Header Tank	T2/28290	1
	Joint-Cil Cooler Oil Connection.	T2/28291	2
	Oil Cooler Air Baffle	T2/28292	2
	Oil Cooler Mounting Bracket	T2/28293	4
	Oil Cooler Tube Block Complete	T2/28296	1
	Oil Cooler Oil Connection Tube Complete	T2/28294	2
0.0	Oil Cooler Tube Stay Complete	T2/18856	3
20	Upper Radiator Hose	2"ID x 28"	1
21	Lower Radiator Hose	2''ID x 20''	1
22	Radiator Hose Clips	No. 2 x	4
23	Fan Belt Guard	T2/20909	1
*	Radiator Brace	T2W26800	2
*	Set Screw	$3/8''$ UNC x $1\frac{1}{4}''$	4
*	Set Screw	3/8"UNC x 1"	4
*	Lockwasher	3/8"	8
*	Set Screw	5/8" UNC x 1½"	4
*	Lockwasher	5/8"	4
*	Flat Washer	5/8"	4
	Radiator Drain Cock	K82	1
24			

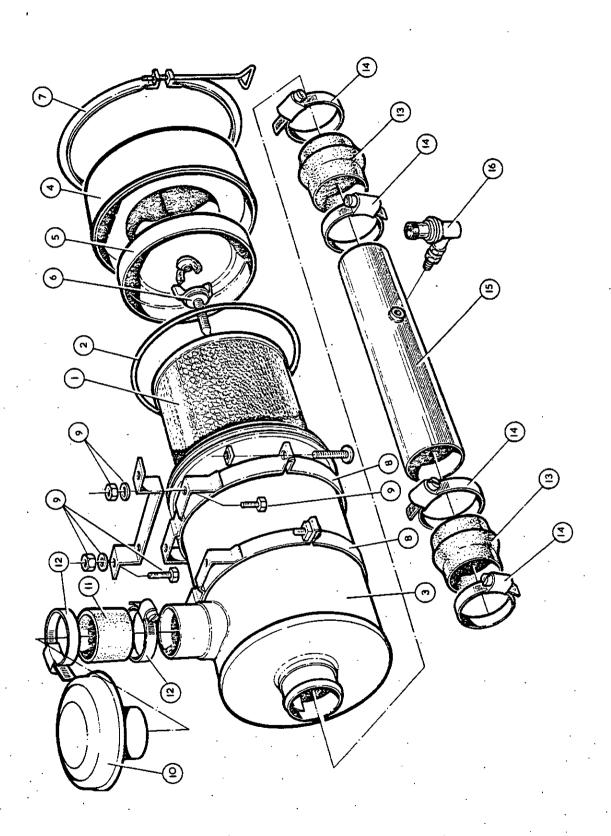
^{*}Not illustrated.



Illus No	DESCRIPTION Parts indented after an item are included with the item	PART NO	QTY
	Engine Air Filter Complete DA140	92289982	1
. 1	Filter Body	T2V8831/1	1
2	Mounting Band	T2V8831/2	2
5	Cup Gasket	T2V8831/5	1
6	Element	T2V8831/6	î
7	Gasket Washer	T2V8831/7	ī
8	Wing Nut	T2V8831/8	1
9	Baffle	T2V8831/9	1
10	Cup Assy.	T2V8831/10	ī
11	Clamp Assy.	T2V9931/11	.1
12	Set Screw	11'UNC x 3''	4
13	Washer	र्वे" Dia.	4
14	Spring Washer	i'' Dia.	4
15	Hex Nut	J'' WNC	4
16	Engine Air Filter Restriction Indicator	T2PD2850/20	ī
17	Pipe Nipple 1/8" NPT x 1" LG	92256205	1
18	Air Filter Brkt.	92304047	2
20	Set Screws, Nuts & Washers (Bracket to Top Cover)	3/8"-16 x 1"	4
21	Set Screws, Nuts & Washers (Mounting Band to	.,	_
	Bracket)	3/8"-16 x 1"	4
22	Engine Air Filter Stack Pipe	T2V4752	1
23	Engine Air Filter Stack Pipe Clips	5.1/8" Dia.	2
24	Engine Air Filter Stack Pipe Cap	T2DA102	1
25	Engine Air Inlet Pipe	T2V4783	1
26	Engine Air Inlet Reducing Hose	5'' x 4''	1
*	Set Screw-Nut-Lockwasher	UNC3/8" x 1"	8
27	Engine Air Inlet Hump Hose	4"	1
28	Engine Air Inlet Hose Tee Clamp	41/2"	3
29	Engine Air Inlet Hose Tee Clamp	5½''	1 .

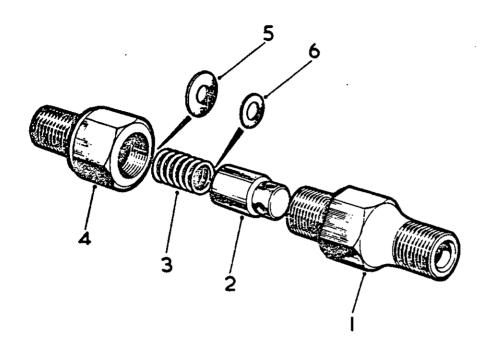


Illus No	DESCRIPTION Parts indented after an item are included with the item	PART NO	QTY
No 1 2 3 4 5 6 7 9 11 12 13 14 15 16 17 18	Parts indented after an item are included with the item ENGINE AIR FILTER COMPLETE DA150 Air Filter Element Assy. Cup Gasket Wing Nut Baffle Cup Assembly Clamp Assembly Stack Cap Mounting Band Set Screw 3/8" UNC x 3/4" Lockwasher 3/8" Nut 3/8" UNC Reducing Hose 6"-5½" I.D. 45 Air Intake Pipe Air Intake Elbow Hose Clamp - Jubilee No. 5 Restriction Indicator	92266402 T2DU1518 T2DU223 T2DU657 T2DU1519 T2DU1520 T2DU977 T2DA112/4 T2DU1780 92272319 92022565 92271568 92273952 T2T5241 T2K4835 92253160 92268051	QTY 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
19 20 21 22 23	Pipe Nipple 1/8" NPT x 1" 'T' Band Clamp 6" 'T' Band Clamp 6½" Stack Pipe Clip Rubber Sleeve	92256205 T2V8735 T2V8736 92280684 5185782	1 1 1 1



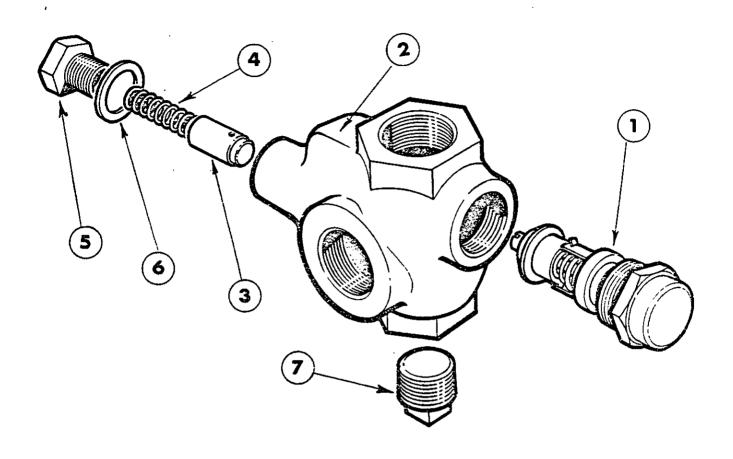
Illus. No.	NAME OF PART. Parts indented after an item are included with the item.	PART NO.	QTY.
	AIR FILTER COMPLETE	T2DA130	1
1	Air Filter Element	T2DU879	1 1
2	Air Filter Gasket	T2DU876	li
3	Air Filter Body Assembly	T2DU877	1
4	Air Filter Dust Cup Assembly	T2DU881	1
5	Air Filter Baffle Assembly	T2DU880	1
6	Air Filter Bolt & Gasket Assembly	T2DU266	1
7	Air Filter Clamp Assembly	T2DU882	1
8	Air Cleaner Mounting Bands	T2DU833	2
9	Set Screws & Lockwashers	3/8"'UNC x 1"	8
10	Air Cleaner Stack Cap	T2DA134	1
11	Air Cleaner Stack Pipe	T2T3750	1
12	Clamp "C" Type	4.1/8"	2
13	Hump Hose 4"	103807	2
14	Pipe Clips	No. 5	4
15	Engine Air Inlet Pipe	T2V6271	1
16	Restriction Indicator 20 w.g.,	PD/2850/20	1
*	Mounting Bracket	T2V5864	2

^{*}Not illustrated.



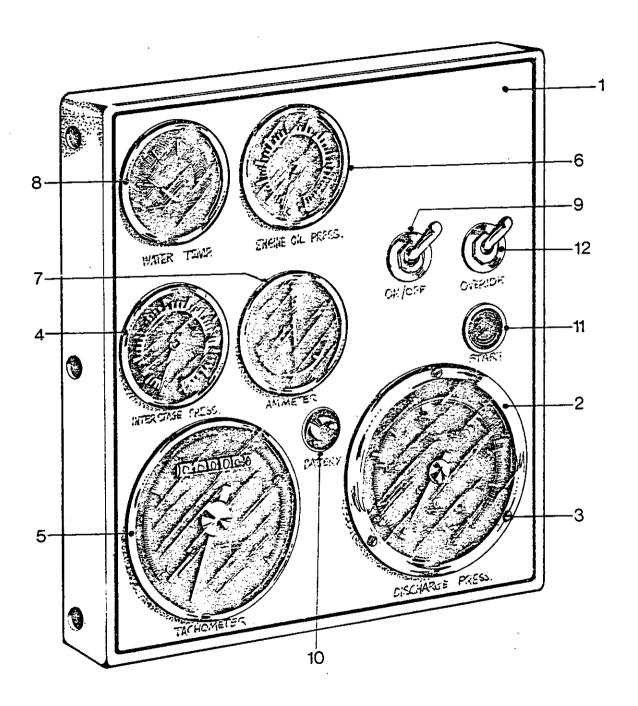
Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
1 2 3 4 5 6	OIL PUMP RELIEF VALVE ASSEMBLY Oil Pump Relief Valve Body Oil Pump Relief Valve Oil Pump Relief Valve Spring Oil Pump Relief Valve Cap. Shim - if necessary (to decrease spring load) Shim - if necessary (to increase spring load)	2W43854 2W21461TP 3W21462 2W43856 2W43853 X1026T26 X1026T48	1 1 1 1 1 1

^{*}Not illustrated.



Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
* 1 2 3 4 5 6 7	OIL TEMPERATURE AND PRESSURE RELIEF VALVE COMPLETE By-Pass Valve Assembly By-Pass Valve Body By-Pass Valve By-Pass Valve Spring Adaptor Nut Adaptor Nut Gasket Pipe Plug	2H25063 2H15039 2H25059 2W32599 PP761 2W69424 X1014T52 ½" N.P.T.	1 1 1 1 1 1

^{*}Not illustrated.

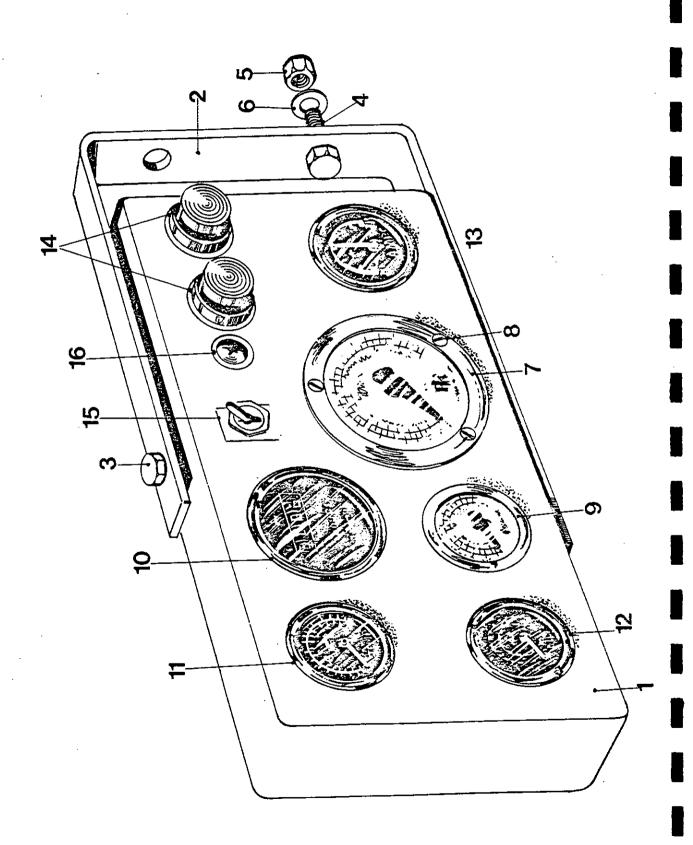


Illus No	DESCRIPTION Parts indented after an item are included with the item	PART NO	QTY
1	Instrument Panel	92321645	1
*	Instrument Panel Facia	92321637	1
*		5/16"UNC x 1"	3
*	Set Screw	5/16"	3
*		5/16" UNC	2
_	Nut	0-200 PSI &	1 -
2	Discharge Pressure Gauge 3''	KG/SQ. cm	1
	Set Seven Character Mated	4BA $\times \frac{1}{2}$ "	3
3 *	Set Screw - Chrome Plated	4BA X 2	3
*	Hex Nut	4BA 4BA	3
	Lockwasher	0-100 PSI &	
4	Interstage Pressure Gauge 2"		1
	T. 1/IV (2	KG/SQ. cm	-
5 *	Tachometer/Hour Counter 1800 rpm	T2V8853	1 1
	Tacho Drive	T2V8739	1 1
6	Oil Pressure Gauge	92254762	1
7	Ammeter 45-0-45	92251925	1 1
8	Water Temperature Gauge (9ft. capillary)	92277284	_
*	Water Temperature Switch	160174	1
9	On/Off Lever Switch	T2C2720	1
10	Battery Indicator Lamp-Red (24v. 2.8 watt bulb)	92309236	1
11	Press Button On/Off Switch	92280296	1
12	Override Switch	92280643	1
*	Pipe Clip	T2V3327/1	1
*	Pipe Clip	T2V3328/8	1

^{*}Not illustrated.

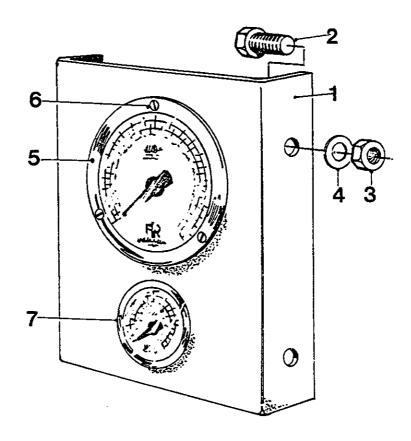
Do not order by illustration number - order by part number.

Part No. 92347574, DISCHARGE TEMPERATURE SWITCH for Field Use only.



Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
1 2 * 3 *	Instrument Panel Bracket Rubber Grommet Set Screw (Panel) Self Locking Nut (to) Flat Washer (Bracket)	T2T4028 T2V5133 SIC5120 5/16"UNC x 1½" 5/16" UNC 5/16"	1 3 3 3 3
4 5 6	Set Screw (Bracket)	3/8" UNC x 7/8" 3/8" UNC 3/8"	2 2 2
7 8 *	Discharge Pressure Gauge Set Screw Chrome Plated Hex. Nut Lockwasher	3'' dia. 4BA x ½'' 4BA 4BA	1 3 3 3
9 10 * 11 * 12 13 14 15 16	Interstage Pressure Gauge Engine Hour Counter Pressure Switch Water Temperature Gauge Temperature Gauge Union Oil Pressure Gauge Ammeter Push Button Switch Double Pole Switch On/Off Warning Lamp	2" dia. ATFC 268 - 11 ½" BSPT OD8194 QE17845 AC7954338 AC7228603 TR30A C2720 24 volts DC	1 1 1 1 1 1 2 1

^{*}Not illustrated.



Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
1 2 3 4 5 6 *	Instrument Panel Set Screw Hex. Nut Lockwasher Discharge Pressure Gauge Set Screw - Chrome Plated Hex. Nut Lockwasher Interstage Pressure Gauge	92283191 5/16"UNC x ¾" 5/16" UNC 5/16" 3" Dia. 4BA x ½" 4BA 4BA 2" Dia.	1 2 2 2 1 3 3 3

^{*}Not illustrated.

CUMMINS

Illus No	DESCRIPTION Parts indented after an item are included with the item	PART NO	QTY
	INSTRUCTION PLATE SET General Instruction Plate UL88 Instruction Plate Compressor Oil Filter Instruction Oil Filler Plug Transfer Caution Plate Gyro-Flo Model Plate Drive Pin 1/8" Brass Rivet - Round Head 1/8" x ½" Aluminium Wiring Harness Transfer	2W57812TP T2K3039 2W48761 2W35063 T2V8851 2W37258 2W35031D 92354711 92257625 92321611	1 1 1 1 1 2 12 10 1

CUMMINS

Illus. No:	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
	Battery 12 volt Exide 6RHAZ 17R or Crompton. Par 6 GCJ17HR		2
	Battery Frame Battery Cover Battery Hold Down Bolt Special Nut Battery Tray Set Screw Hex. HD Lockwasher Hex. Nut Setscrew Hex. HD Lockwasher Hex. Nut Plain Washer	T2V8845 T2V8844 T2V8951 T2V8991 92303908 \[\frac{1}{2}''\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2 4 4 1 4 4 1 1 8 4
	Battery Lead Pos. 44" lg	92304161 92304179 92304187	1 1 1 2

CUMMINS

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
	Wiring Diagram	92321611	1
	Wiring Harness Ammeter Circuit Breaker Lead Battery Switch - Circuit Breaker Lead Ign. Switch to No. 5 Terminal Lead Circuit Breaker to No. 1 Terminal Lead Toggle Switch No. 4 Terminal Lead S.T. Switch No. 3 Terminal Lead Ammeter No. 2 Terminal Lead Solenoid Starter Lead Hour Counter Lead Hour Counter Lead Hour Counter Lead Starter Button - Switch Lead Wiring Harness Clamp	92321629 T2R2298-2 T2R2298-4 T2R2298-9 T2R2298-10 T2R2298-11 T2R2298-12 T2R2298-13 T2R2298-5 T2V5386-1 T2V5386-2 T2V5386-4 T2V5396 HD1300-3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

ROLLS-ROYCE

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
	Instruction Plate Set General Instruction Plate UL88 Instruction Plate Compressor Oil Filter Instruction Oil Filler Plug Transfer Caution Plate Gyro-Flo Model Plate Drive Pin Brass Rivet - Round Head Aluminium	2W57812TPA T2K2982 2W48761 2W35063 T2V8851 2W37258 2W35031D 1/8" 1/8" x ½"	1 1 1 1 1 1 2 12

ROLLS ROYCE

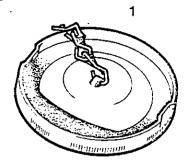
Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
	Battery 12 volt Exide Part No. Crompton Parkinson. Battery Frame Battery Cover Battery Hold Down Bolt. Special Nut Battery Tray Set Screw Hex. Hd Lockwasher. Nut Set Screw Csk. Hd Lockwasher. Nut Hex. Nut Plain Washer Battery Lead Pos. 62" lg Battery Lead Neg. 32" lg Battery Lead Link Hose Clamp (For Harness) Battery Lead Terminal Hoods Teddington Type VB Temp. Switch To Break Circuit at 210 F on Rise in Temp - ½ BSPT	6RHAZ 17R 66CJ17HR T2V8845 T2V8844 T2V8850 T2V8291 92304104 ½"UNC x 1½" ½" 3/8"UNC x 1¼" 3/8" 3/8" UNC ¼" UNC ¼" 92304146 92304153 92304187 HD1300-3	2 2 2 2 4 4 1 4 3 1 1 1 1 8 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1	Schematic Wiring Diagram	T2T4935 T2N1839	1

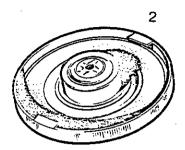
G.M.

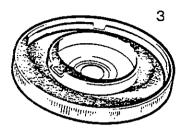
Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QТҮ.
	Instruction Plate Set General Instruction Plate UL88 Instruction Plate Compressor Oil Filter Instruction Oil Filler Plug Transfer Caution Plate Gyro-Flo Model Plate Drive Pin Brass Rivet - Round Head Aluminium	2W57812TPB 2R34600TP 2W48761 2W35063 T2V8851 2W37258 2W35031D 1/8" 1/8" x ½"	1 1 1 1 1 2 12 10

G.M.

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
	Battery 12 volt Exide 6 RHAZ 17R or Crompton Farkinson 6GCJ 17HR		1
	Battery Frame Battery Cover Battery Hold Down Bolt Special Nut Battery Tray Set Screw Hex. Hd. Lockwasher. Nut Set Screw Csk. Hd. Lockwasher Hex. Nut	T2V8845 T2V8844 T2V8850 T2V8991 92304096 \frac{1}{2}''\ \text{UNC x 1\frac{1}{2}''} \frac{1}{2}''\ \frac{1}{2}''\ \frac{1}{2}''\ \text{UNC x 1\frac{1}{4}''} \text{3/8''\ \text{UNC} \text{x 1\frac{1}{4}''} \text{3/8''\ \text{UNC}}	1 2 2 1 4 4 4 1 1
	Hex. Nut Plain Washer	1/4" UNC 1/4" UNC	4 2
	Battery Lead Pos. 57" lg	92304120 92304188	1
	Temperature Control Switch Lead	V5022-1	
	Battery Terminal Hoods Rubber		2
	Wiring Diagram	2R21732	1.



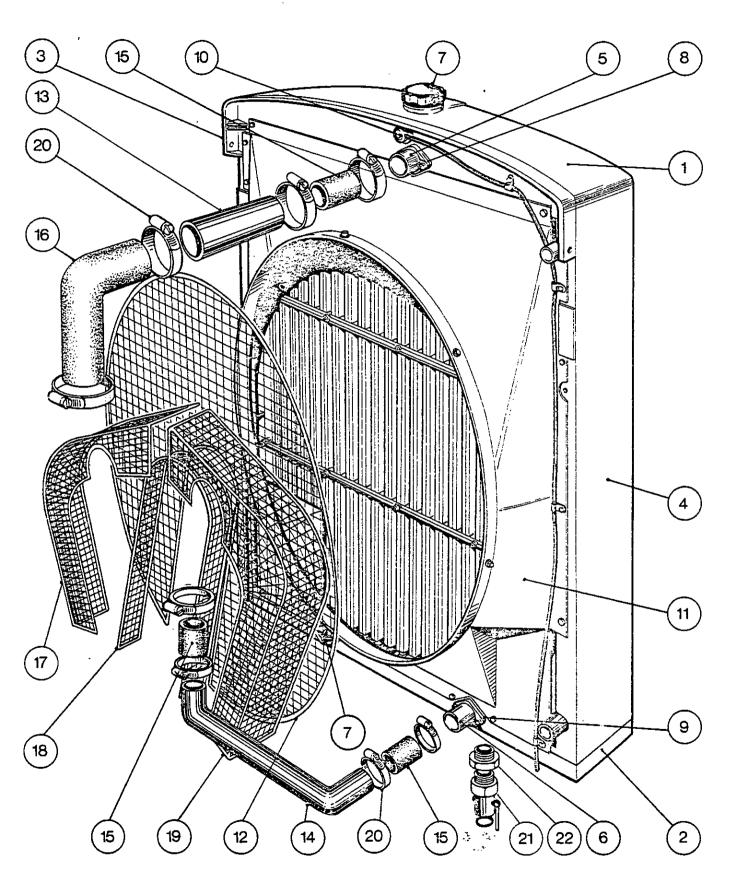




Illus No	DESCRIPTION Parts indented after an item are included with the item	PART NO	QTY
1 2 3	Ceandess	92367713 92367705 92367697	

Above are the three variations of Fuel Tank Caps fitted to all machines. Check which one is fitted to your particular model before you re-order.

The Addendum information supersedes/replaces information on Fuel Tank page.



ŧ -

•

3

			1
Illus No	DESCRIPTION	PART NO	QTY
NO	Parts indented after an item are included with the item		
*	Radiator and Oil Cooler System	92367879	1
*	Radiator Assy. Complete	92369131	ĺī
1	Radiator Top Tank	92368893	1
2	Radiator Bottom Tank	92368901	1
3	Radiator L.H. Side Standard	92368919	1
4	Radiator R.H. Side Standard	92368927	1
5	Radiator Top Water Pipe	92368935	1
6	Radiator Bottom Water Pipe	92368935	1
7	Radiator Filler Cap	92368968	1
*	Chain for Filler Cap	92369016	1
*	Radiator Grille Complete	92369073	1
*	Radiator Pressure Relief Valve (4 lbs.)	92368976	1
8	Joint - Radiator Tube Plate	92369065	2
9	Joint - Radiator Top Water Pipe	92368984	1
ا ع	Joint - Radiator Bottom Water Pipe and Blank Flange	00060004	,
10	Flange	92368984 92368950	1 2
111	Radiator Fancowl	92369008	1
12	Radiator Fanguard	T2/12325	ī
*	Radiator Tube Block Complete	92369024	ī
*	Oil Cooler Assy. Completed (3 Row 2 Pass)	92369141	î
*	Oil Inlet Cooler/Outlet Header Tank	92369032	1
*	Oil Cooler Return Header Tank	92369040	1
*	Joint - Return Header Tank	92369065	1
*	Joint - Oil Cooler Oil Connection	92369099	2
*	Oil Cooler Tube Block Complete	92369081	1
*]	Oil Cooler Oil Connection Tube	92369115	2
*	Oil Cooler Tube Stay Complete	92369123	3
13	Upper Radiator Pipe	T2V4848	1
14	Lower Radiator Pipe	T2V4815	1
15	Radiator Hose Connections	$2\frac{1}{4}$ ID x $3\frac{1}{2}$ " Lg.	3
16	Radiator Top Elbow Connections	T2V4784	1
18	Fuel Pump Drive Guard	T2G3376	,
10	Set Screw	T2V4902 $\frac{1}{4}$ " UNC x $\frac{3}{4}$ "	1 6
*	Nut	ā" UNC x ₹"	6
*	Plate Washer 1" O.D.	本" UNC	6
*	Lockwasher	4 1 1	6
19	Generator Belt Gaurd	T2T3499	1
20	Radiator Hose Clip	No. 3	8
*	Radiator Brace	T2W26800	2
*	Set Screw	$3/8"$ UNC x $1\frac{1}{4}"$	4
*	Set Screw	3/8" UNC x 1"	4
*	Lockwasher	3/8''	8
21	Drain Cock	1/4" BSPT	1
22	Reducing Bush	$\frac{3}{4}$ " x $\frac{1}{4}$ "	1
		1	_



INDEX

Spare	Parts	Boxes	Cummins	Page 1 - 2
Spare	Parts	Boxes	Rolls-Royce	Page 3 - 4
Spare	Parts	Boxes	G M	Page 5 - 6

A

CUMMINS-600

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
	COMPLETE BOX OF SPARES Diaphragm Piston Ring UL89 Regulator Diaphragm UL88 Regulator Top Cover Diaphragm UL88 Regulator Bottom Cover Diaphragm Oil Filler Plug "O" Ring Oil Filter Shell "O" Ring (Top) Oil Filter Seal (Bottom) Oil Filter Cartridge Assembly Engine Air Filter Element Engine Air Filter Element Lower Gasket Engine Air Filter Upper Body Element Gasket Engine Air Filter Inner Cover Seal	TR600P1002 X1440T9A 2W32669 W37087 2W34874 X1514T222C T2-C4047/4 T2-PP45-A T2-03FK30-231 T2DU345S T2DU315S T2DU315S T2DU313S T2DU313S T2DU467S	1 2 1 1 2 2 2 1 1 2 2

CUMMINS-600

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
	COMPLETE BOX OF SPARES Gasket Set Diaphragm Piston Ring Oil Filler Plug "O" Ring Oil Filter Shell "O" Ring (Top) Oil Filter Seal (Bottom) Oil Filter Cartridge Assembly Engine Air Filter Element Low Pressure Rotor Vanes - Complete Set High Pressure Rotor Vanes - Complete Set Roller Bearing Rotary Shaft Oil Seal Interstage Pressure Gauge Discharge Pressure Gauge Grab Bag (Misc.Bolts, Nuts, etc) Wood Box with handles	TR60/F1003 TR600P750 X1440T9A X1514T222C T2-C4047/4 T2-PP45-A T2-03FK30-231 T2-DU345S R600P110 R600P115 2W41015 2W21790 2"- 100 psi T2-V5058 T2-W34865	1 1 2 2 2 1 1 1 1 1 1

Always give the serial number of your compressor. Do not order by illustration number - order by part number.

CUMMINS-600

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
	COMPLETE BOX OF SPARES	TR600P1010	
	Gasket Set	TR600P750	1
	Diaphragm Piston Ring	X1440T9A	$\overline{4}$
_	Compressor Coupling Drive Gear Gasket	2W30236	ī
	Rotary Shaft Seal	2W21790	ī
	Roller Bearing	2W41015	2
	Cylinder Outer Plate	2R16416	1
	LP Cylinder	2F9126	1
	LP Rotor Vanes Complete	R600P110	1
	LP Rotor Bearing Spacer	2W32595	2
•	Cylinder Inner Plate	2R16415	1
	HP Cylinder	2F7017	1
	HP Rotor	2H11534	1
	HP Rotor Vanes - Complete Set	R600P115	1
	HP Rotor Drive Shaft	2H11536	î
	HP Outer Bearing Snap Ring	2W30356	1
	Oil Pump Drive Gear	2H11268	ī
	Oil Pump Drive Gear Bushing	2W30365	$\overline{1}$
	Oil Pump Driven Gear (Bushed)	2W30352	1
	Scavenging Oil Pump Drive Gear	2W24686	1
	Scavenging Oil Pump Drive Gear Bushing	2W30371	1
	Scavenging Oil Pump Driven Gear	2W20175	1
	UL89 Regulator Valve Bushing	2W35053	2
	UL89 Regulator Diaphragm Piston	2W32648	1
•	UL88 Regulator Conversion and Repair Kit.	UL88-200	1
	UL88 Reducing and Relief Valve	T2-W41121	1
	UL88 Regulator Range Spring	PP604	1
	UL88 Regulator Range Spring	T2-V4677	1
	Oil Separator Screen Assembly (Packed)	T2-H11131T	1
	Oil Filler Hole Plug "O" Ring	X1514T222C	2
	Radiator Tube Ferrule	T2-5184	114
	Radiator Hose Connection	$2\frac{1}{3}$ "I/D x $3\frac{1}{2}$ "lg	3
	Radiator Top Elbow	T2-V4784	1
	Radiator Cap	T2/8480	1
	Radiator Tube	T2/12984	4
	Oil Cooler Header Joint (Inlet/Outlet)	T2 29047	1
	Oil Cooler Header Joint (Return)	T2 29048	1
	Air Discharge Pressure Gauge	T2-V5058	1
	Interstage Pressure Gauge	2''-100 psi	1
	Oil Filter Cartridge Assembly	T2-03FK30-231	
	Oil Filter Shell "O" Ring (Top)	T2-C4047/4	2
	Oil Filter Seal (Bottom)	T2-PP45 - A	2
	Engine Air Filter Element	T2-DU345S	1
	Exhaust Rain Cap	RC4"	1
	Grab Bag (Misc. Bolts, Nuts, etc)	T2-W37140	1
	Wood Box with handles		1

Always give the serial number of your compressor.

Do not order by illustration number - order by part number.

ROLLS-ROYCE 600

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
	COMPLETE BOX OF SPARES Diaphragm Piston Ring UL89 Regulator Diaphragm. UL88 Regulator Top Cover Diaphragm. UL88 Regulator Bottom Cover Diaphragm. Oil Filler Plug "O" Ring. Oil Filter Shell "O" Ring (Top) Oil Filter Seal (Bottom) Oil Filter Cartridge Assembly Engine Air Filter Element Engine Air Filter Gasket.	TR600P1002A X1440T9A 2W32669 2W37087 2W34874 X1514T222C T2-C4047/4 T2-PP45-A T2-03FK30-231 T2-DU879 T2-DU876	1 2 1 1 2 2 2 2 1 1 2

ROLLS-ROYCE 600

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
	COMPLETE BOX OF SPARES Gasket Set Diaphragm Piston Ring Oil Filler Plug "O" Ring Oil Filter Shell"O" Ring (Top) Oil Filter Seal (Bottom) Oil Filter Cartridge Assembly Engine Air Filter Element Low Pressure Rotor Vanes - Complete Set High Pressure Rotor Vanes - Complete Set Roller Bearing Rotary Shaft Oil Seal Interstage Pressure Gauge Discharge Pressure Gauge Grab Bag (Misc. Bolts, Nuts, etc) Wood Box with handles	TR600P1003A TR600P750A X1440T9A X1514T222C T2-C4047/4 T2-PP45-A T2-03FK30-23I T2-DU879 R600P110 R600P115 2W41015 2W21790 2"-100 psi T2-V5058 T2-W34865	1 1 2 2 2 1 1 1 2 1 1

ROLLS-ROYCE 600

711	NAME OF PART		
Illus. No.	Parts indented after an item are included with the item.	PART NO.	QTY.
140.	Parts indented after an item are included with the item.		
	COMPLETE BOX OF SPARES	TR600P1010A	
	Gasket Set	TR600P750A	1
	Diaphragm Piston Ring	X1440T9A	4
	Compressor Coupling Drive Gear Gasket	2W30236	1
1	Rotary Shaft Seal	2W21790	1
	Roller Bearing	2W41015	2
	Cylinder Outer Plate	2R16416	1
	LP Cylinder	2F9126	1
	LP Rotor Vanes - Complete	R600P110	1
1	LP Rotor Bearing Spacer	2W32595	2
	Cylinder Inner Plate	2W32333 2R16415	1
]	HP Cylinder	2F7017	1
! !	HP Rotor	2H11534	1
}	HP Rotor Vanes - Complete Set	R600P115	1
	HP Rotor Drive Shaft	2H11536	1
	HP Outer Bearing Snap Ring	2W30356	1
	Oil Pump Drive Gear	2W30330 2H11268	1
	Oil Pump Drive Gear Bushing	2W30365	1
}	Oil Pump Driven Gear (Bushed)	2W30352	1
	Scavenging Oil Pump Drive Gear	2W24686	1
	Scavenging Oil Pump Drive Gear Bushing	2W24000 2W30371	1
	Scavenging Oil Pump Driven Gear Dushing	2W20175	1
	UL89 Regulator Valve Bushing	2W20173	2
ŀ	UL89 Regulator Diaphragm Piston	2W32648	1
	UL88 Regulator Conversion and Repair Kit.	UL88-200	1
	UL89 Reducing and Relief Valve	T2-W41-21	1
	UL88 Regulator Range Spring	PP604	1
	UL88 Regulator Range Spring	T2-V4677	1
	Oil Separator Screen Assembly (Packed)	T2-H11131T	1
	Oil Filler Hole Plug "O" Ring	X1514T222C	2
	Radiator Tube Ferrule	T2-5184	$\frac{2}{114}$
	Upper Radiator Hose	2" ID x 24"	1
	Lower Radiator Hose	2" ID x 30"	1
1	Radiator Top Elbow	T2-V4784	1 1
	Radiator Cap	T2/8480	1
	Radiator Tube	T2/12347	4
	Oil Cooler Header Joint (Inlet/Outlet)	T2 29047	1
	Oil Cooler Header Joint (Return)	T2 29048	1
	Air Discharge Pressure Gauge	T2-V5058	1
	Interstage Pressure Gauge	2''- 100 psi	1
	Oil Filter Cartridge Assembly	T2-03FK30-231	
	Oil Filter Shell "O" Ring (Top)	T2-C4047/4	2
	Oil Filter Seal (Bottom)	T2-PP45-A	2
	Engine Air Filter Element	T2-PP45-A	1
j	Exhaust Rain Cap	RC4"	1
	Grab Bag (Misc.Bolts, Nuts, etc)	T2-W37140	1
	Wood Box with handles	12-W3/140	. –
<u> </u>	Wood Box with handles	<u> </u>	1

DRGM-600

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
	COMPLETE BOX OF SPARES Diaphragm Piston Ring UL89 Regulator Diaphragm UL88 Regulator Top Cover Diaphragm UL88 Regulator Bottom Cover Diaphragm Oil Filler Plug "O" Ring Oil Filter Shell "O" Ring (Top) Oil Filter Seal (Bottom) Oil Filter Cartridge Assembly Engine Air Filter Element (Donaldson)	TR600P1002B X1440T9A 2W32669 2W37084 2W34874 X1514T222C T2-C4047/4 T2-PP45-A T2-03FK30-231 T2-5196950	1 2 1 1 2 2 2 2 1

DRGM-600

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
No.	COMPLETE BOX OF SPARES Gasket Set Diaphragm Piston Ring Oil Filler Plug "O" Ring Oil Filter Shell "O" Ring (Top) Oil Filter Seal (Bottom) Oil Filter Cartridge Assembly Engine Air Filter Element (Donaldson) Low Pressure Rotor Vanes - Complete Set High Pressure Rotor Vanes - Complete Set Roller Bearing Rotary Shaft Oil Seal Interstage Pressure Gauge	TR600P1003B TR600P750B X1440T9A X1514T222C T2-C4047/4 T2-PP45-A T2-03FK30-231 T2-5196950 R600P110 R600P115 2W41015 2W21790 2"- 200 psi	1 1 4 2 2 2
	Discharge Pressure Gauge	T2-V5058 T2W34903TP	1 1 1

DRGM-600

	NAME OF PART		
Illus	- ·	PART NO.	QTY.
No.	Parts indented after an item are included with the item.		
	COMPLETE BOX OF SPARES	TR600P1010B	
	Gasket Set	TR600P750GM	1
	Diaphragm Piston Ring	X1440T9A	4
	Compressor Coupling Drive Gear Gasket	2W30236	1
	Rotary Shaft Seal	2W21790	1
	Roller Bearing	2W21790 2W41015	2
	Cylinder Outer Plate	2W41013 2R16416	1
	L.P. Cylinder	2F9126	1
	L.P. Rotor Vanes - Complete	R600P110	1
	L. P. Rotor Bearing Spacer	2W32595	2
	Cylinder Inner Plate	2R16415	1
[]	H. P. Cylinder	2F7017	1
i	H. P. Rotor	2H11534	1
	H. P. Rotor Vanes - Complete Set	R600P115	1
	H. P. Rotor Drive Shaft	2H11536	1
!	H. P. Outer Bearing Snap Ring	2W30356	1
	Oil Pump Drive Gear	2H11268	1
	Oil Pump Drive Gear Bushing	2W30365	
	Oil Pump Driven Gear (Bushed)	2W30352	1
	Scavenging Oil Pump Drive Gear	2W24686	1
	Scavenging Oil Pump Drive Gear Bushing	2W24000 2W30371	1
	Scavenging Oil Pump Driven Gear Dushing	2W20175	1
	UL89 Regulator Valve Bushing	2W35053	2
1	UL89 Regulator Diaphragm Piston	2W32648	1
	UL88 Regulator Conversion and Repair Kit.	UL88-200	1
	UL89 Reducing and Relief Valve	T2-W41121	1
	UL88 Regulator Range Spring	PP604	1
	Oil Separator Screen Assembly (Packed)	T2-H11131T	1
	Oil Fillter Hole Plug "O" Ring	X1514T222C	2
	Upper Radiator Hose	2" ID x 28"	1
1	Lower Radiator Hose	2" ID x 20"	1
	Radiator Cap	T2/8480	1
]	Radiator Tube	T2/12347	4
	Oil Cooler Header Joint (Inlet/Outlet)	T2 29047	1
	Oil Cooler Header Joint (Return)	T2 29048	1
	Air Discharge Pressure Gauge	T2-V5058	1
	Interstage Pressure Gauge	2" - 100 psi	1
	Oil Filter Cartridge Assembly	T2-03FK30-231	1
	Oil Filter Shell "O" Ring (Top)	T2-C4047/4	2
	Oil Filter Seal (Bottom)	T2-PP45-A	2
	Engine Air Filter Element (Donaldson)	T2-5196950	1
	Exhaust Rain Cap	RC4"	1
	Grab Bag (Misc. Bolts, Nuts, etc)	T2-W37140	1
	Wood Box with handles	12-4421140	1
<u></u>	wood box with handles	L	<u> </u>

OPTIONAL EQUIPMENT

CHMMINS

Illus. No.	NAME OF PART Parts indented after an item are included with the item.	PART NO.	QTY.
1	REMOVE OR OMIT H.T. Shutdown Switch	3551° 971	1
2 3 4 5	ADD Instrument Panel Set Screw Nuts Spring Washer	92305796 3/8"UNC x 1"lg 3/8" UNC 3/8" T2V8824 92305812 T2V8739	1 2 2 2
6 7 8	Tacho - Hourcounter		1 1 1
9 10	Bullit Type Connectors		4