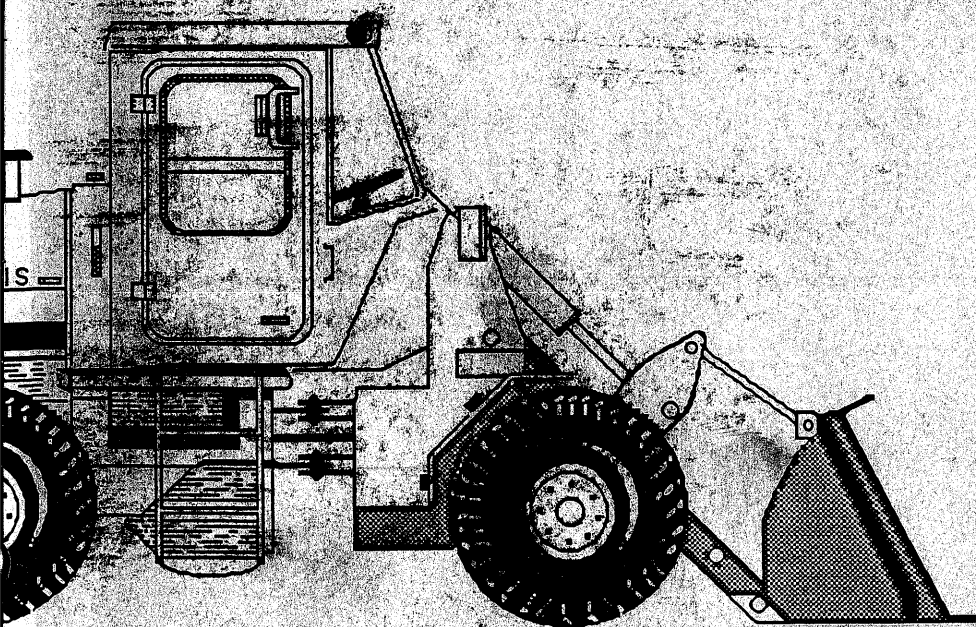


745, 745H

WHEEL LOADERS

Parts Catalog



FORM 73064203
REPRINT 10/90

AVOID ACCIDENTS

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

Regardless of the care used in the design and construction of any type of equipment there are conditions that cannot be completely safeguarded against without interfering with reasonable accessibility and efficient operation.

A careful operator is the best insurance against an accident.
The complete observance of one simple rule would prevent many thousand serious injuries each year.
That rule is:

Never attempt to clean, oil or adjust a machine while it is in motion.

WARNING

On machines having hydraulically, mechanically, and/or cable controlled equipment (such as shovels, loaders, dozers, scrapers, etc.) be certain the equipment is lowered to the ground before servicing, adjusting and/or repairing. If it is necessary to have the hydraulically, mechanically, and/or cable controlled equipment partially or fully raised to gain access to certain items, be sure the equipment is suitably supported by means other than the hydraulic lift cylinders, cable and/or mechanical devices used for controlling the equipment.

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ADDITIONAL PUBLICATIONS AVAILABLE

FOR

MODEL 745 WHEEL LOADER (S/N 1001 up, 96M02050 up, 87L02050 up)

MODEL 745-H WHEEL LOADER (S/N 23C02248 up, 84U02248 up)

Consult your Fiat-Allis Construction Machinery dealer for other publications. See Technical Publications Index (Form 70658800) for all available Publications. Technical Publications Index (Form 70658800) is available FREE from your dealer.

DESCRIPTION	FORM NO.					
	ENGLISH	ESPAÑOL (Spanish)	PORTUGUÊS (Portuguese)	FRANÇAIS (French)	DEUTSCH (German)	ITALIANO (Italian)
<u>Parts Catalogs</u>						
Electrical Components . . . (alternators & starters)	73117960					
Cab Glass	70626019					
Injection Pump:						
Roosa	70685399					
Robert Bosch	(c) 70690916 (d) 70698576					
<u>Operation & Maintenance Instruction Manual</u>						
745 Wheel Loader	73056910	73057558	73057559	73057560		
745-H Wheel Loader . . .	73057885	73057558	73057559	73057560		
<u>Service Manuals</u>						
Axle	73053547	73061828	(a) 73051866	73061841		
Brakes & Air System . .	73067178	73061838	(a) 73052638	73061851		
Bucket & Chassis	73055458	73061830	(a) 73054308	73061843		
Electrical System	(a) 73051888 (b) 73056512	(a) 73053922	(a) 73054307	73061853		
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Inj. Pump {	73111954					
Roosa	70681649					
Robert Bosch						
Loader Hydraulic System . .	73059681	73061829	(a) 73052636	73061842		
Power Steering System . . .	73055601	73061839	(a) 73100554	73061852		73063290
Trans. & Torque Converter & Charging Pump	(b) 73050386	73052632	(a) 73052633			
Turbocharger	70677064	70678570	70679482	70678727		
Service Manual Set	73058628					

- (a) Model 745 only
- (b) Model 745-H only
- (c) Prior to 11-18336
- (d) Effective with 11-18336

IMPORTANT

All parts listed herein, which have no specific usage indicated, are applicable to all models. Those parts which are used only on specific models are so indicated.

Attaching parts such as bolts, nuts, rivets, screws, washers, etc., are indented immediately following the parts which they attach.

Parts indicated with a square (□) are also available in packaged sets. Refer to section titled "PACKAGED PARTS".

The terms "right" and "left" used throughout this parts catalog are determined by facing the direction of forward travel.

The engine is mounted unconventionally with the flywheel toward the front of the machine, but all engine parts are designated in respect to the engine as it would be installed in a conventional machine with the flywheel to the rear.

INSTRUCTIONS FOR ORDERING PARTS

Order parts from the dealer covering the local territory.

ALWAYS GIVE THE MODEL AND SERIAL NUMBER OF MACHINE. IF PARTS ARE FOR AN ASSEMBLY WHICH HAS A MODEL AND/OR SERIAL NUMBER (SUCH AS ENGINE ASSEMBLY, PUMP ASSEMBLY), ALSO INCLUDE THIS INFORMATION.

To obtain parts promptly, give part name and part number.

Give post office address, town, county and state where parts are to be shipped. Also specify whether material is to be shipped by freight, express or parcel post.

Confirm all telephone or telegraph orders in writing.

Parts for standard motor accessories such as generators and starting motors should be ordered from authorized Service Stations maintained by manufacturers of these units throughout the country.

No credit will be allowed on parts unless they are returned to the dealer from whom they were purchased; from there they will be returned, at the customer's expense, to the factory for inspection.

Unless claims for shortages or errors are made immediately upon receipt of goods, they will not be considered.

When broken goods are received, a full description of the damage should be made by the carrier agent on the freight bill. If this description is insisted upon, full damage can always be collected from the transportation company.

No responsibility is assumed for delay or damage to merchandise while in transit. Our responsibility ceases upon delivery of shipment to the transportation company from whom a receipt is received showing that shipment was in good condition when delivered to them; therefore, claims (if any) should be filed with the transportation company and not with Fiat-Allis

The right is reserved to change the construction or material of any parts where it seems desirable to do so without incurring the obligation of installing such changes on units already delivered.

The information contained herein is general in nature and is not intended for specific application purposes. Fiat-Allis reserves the right to make changes in specifications shown herein or add improvements at any time without notice or obligation.

MODEL IDENTIFICATION

The symbol listed below is stamped in front of the model serial number on each unit.

MODEL SYMBOL	ENGINE MODEL	DESCRIPTION
745 or 745-H	11000	Turbocharged Diesel powered engine, articulated four wheel drive loader unit of "modular" design, equipped with: power shift transmission, torque converter, planetary axles, power steering and power brakes.

RECORD YOUR SERIAL NUMBERS BELOW

NOTE: Refer to pages 11 and 12 for pictorial view.

WHEEL LOADER SERIAL NO. _____

ENGINE SERIAL NO. _____

TRANSMISSION SERIAL NO. _____

AXLE SERIAL NO. _____

SERIAL NUMBER LOCATION

LOADER SERIAL NO: Effective with loader serial no. 1001 thru 1717, 96M02050, 87L02050, 23C02248, and 84U02248 on plate attached to the hydraulic tank bonnet to the left of the operator's seat.
Loader serial no. 1717 thru 02049, stamped on left side of rear frame, under ladder.

ENGINE SERIAL NO: On plate attached to the left hand side of the engine block.

TRANSMISSION SERIAL NO: On plate attached to the left side of the transmission housing.

AXLE SERIAL NO: On plate attached to the axle housing.

MODEL SERIAL NUMBER

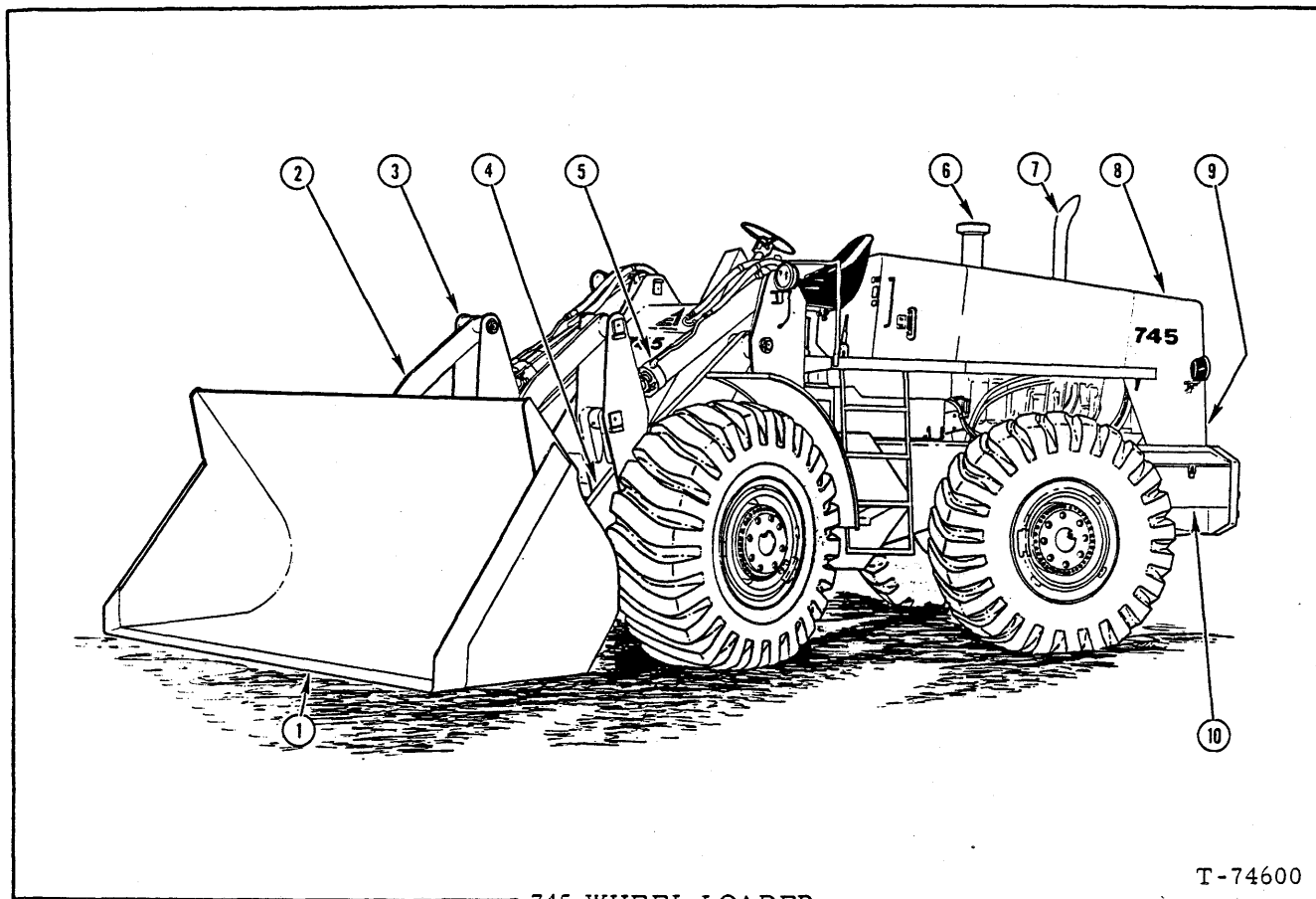
NOTE: Effective in 1969, the model serial numbering system was changed. Under the prior system, models were numbered consecutively in numerals only. Thereafter, models are identified by an 8 character combination of letters and numerals.

***SERIAL NUMBER** consisting of all 8 characters must always be submitted for positive identification of your machine. This Point Cannot Be Overemphasized.

LOADER MODEL	*SERIAL NO.	
	PRODUCT CODE	UNIT NO.
745	9 6 M	0 2 0 5 0
	8 7 L	0 2 0 5 0
745-H	2 3 C	0 2 2 4 8
	8 4 U	0 2 2 4 8

NOTICE: Allis-Chalmers Corporation and FIAT S.p.A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify FIAT-ALLIS Construction Machinery Inc. or your FIAT-ALLIS dealer

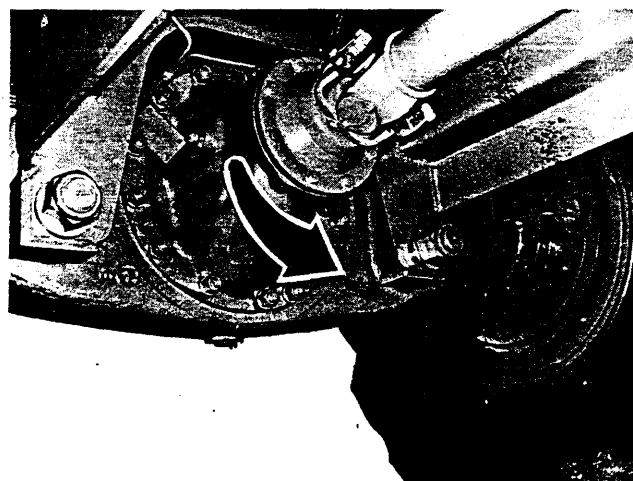


745 WHEEL LOADER

T-74600

- | | | |
|------------------------|----------------------------|---------------------|
| 1. Bucket cutting edge | 5. Dump cylinder | 9. Fuel filler neck |
| 2. Dump link | 6. Air intake | 10. Battery box |
| 3. Cross link | 7. Exhaust stack | |
| 4. Boom | 8. Radiator filler opening | |

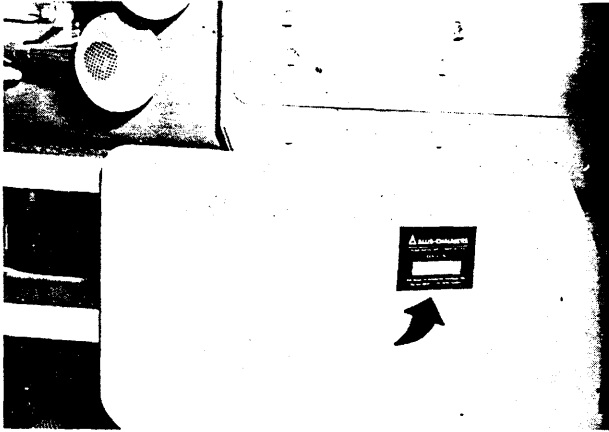
The axle serial numbers are located on the side facing the center of the loader on each axle.



T-74605
AXLE SERIAL NUMBER

SERIAL NUMBER LOCATIONS

On all part orders and in all correspondence relative to the loader, it is necessary that the loader model and serial number be given. All major components of the loader, (such as engine, transmission, hydraulic pump, hydraulic control valve, power steering pump and axles) have serial numbers which should also be given to properly identify the unit and component. These will assure obtaining the correct replacement parts and/or information.

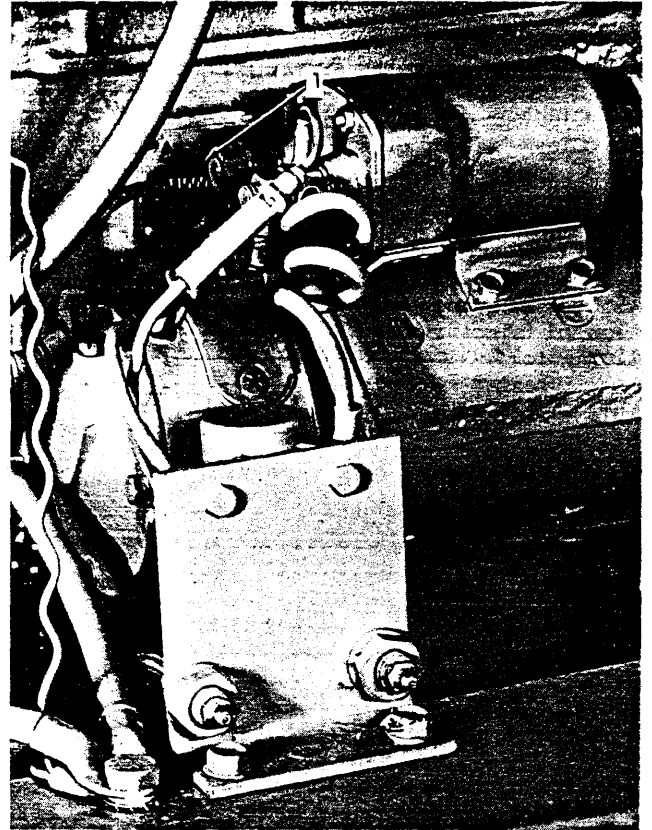


T-75251
LOADER SERIAL NUMBER
(SECOND TYPE)

The loader serial number is located in one of two places depending on date built. It is either located on a nameplate attached to left side of bonnet (Fig. 6) or it is stamped on left side of machine directly behind the ladder.

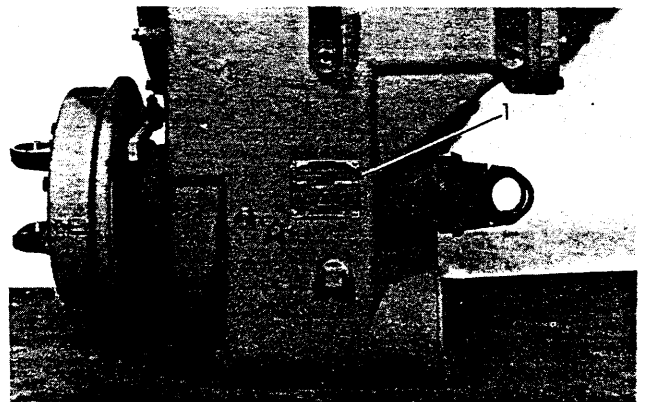


T-74529
LOADER SERIAL NUMBER
(FIRST AND THIRD TYPE)



T-73447
ENGINE SERIAL NUMBER
1. Plate

The engine serial number is located on a nameplate on the right side of the engine block as shown.



T-73448
TRANSMISSION SERIAL NUMBER

1. Transmission serial number plate

The transmission serial number is located on a nameplate on the left side of the housing as shown.

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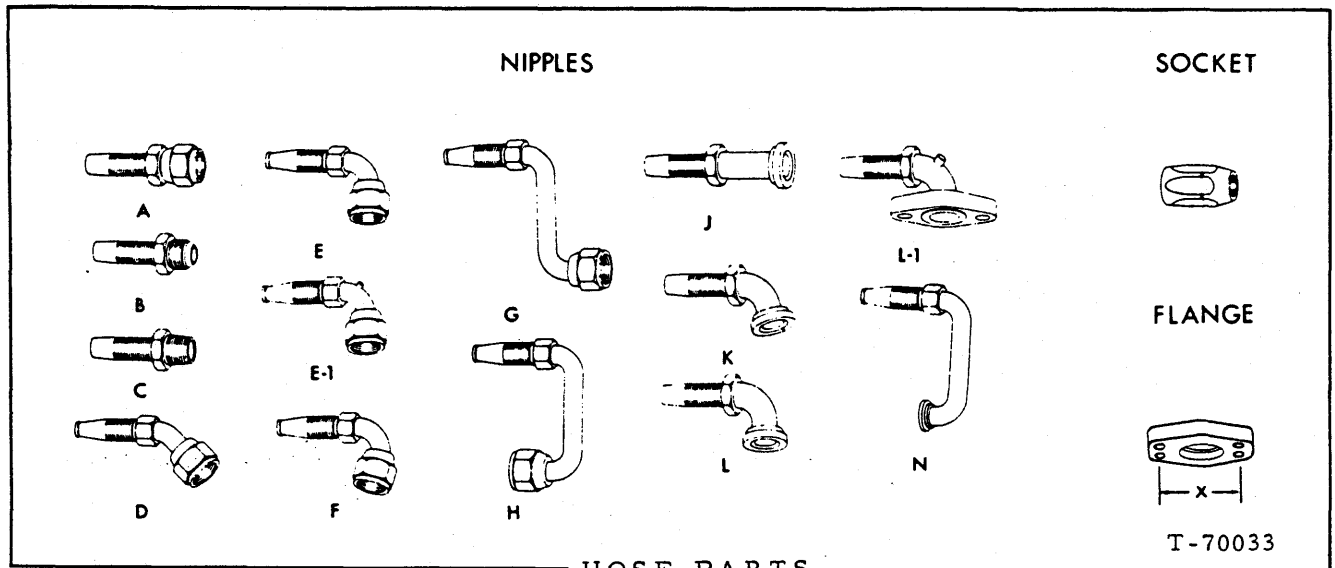
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NOTE: Refer to left hand column for identity of original hose. Hose is crimped-type (fitting not re-usable) unless otherwise noted. Equivalent hose assembly may be constructed from data indicated.

ORIGINAL HOSE ASSY NUMBER (See NOTE)	BULK HOSE (25' roll)	HOSE LENGTH (inches)	NIPPLE (# 1 end)			NIPPLE (# 2 end)			SOCKET (both ends)
			Including SOCKET	NIPPLE only		Including SOCKET	NIPPLE only		
73046773	70920795	13-1/4	70920953	70923251	E	70920945	70922831	A	70920973
73104884	70920795	15-3/4	70921885	70923263	L		70922831	A	70920973
73050092	70920795	36-3/4	70920946	70922832	A	70920946	70922832	A	70920986
* 73048117	70920795	38-3/4	70920953	70923251	E-I	70920945	70922831	A	70920973
* 73045542	70920795	41-3/4	70921885	70923263	L	70921885	70923263	L	70920973
* 73045543	70920795	41-3/4	70921885	70923263	L	70921885	70923263	L	70920973
* 73045520	70920795	44-1/4	70921885	70923263	L	70921885	70923263	L	70920973
* 73048016	70920795	44-1/4	70921885	70923263	L				70920973
73051704	70920795	47-1/4	70920945	70922831	A	70920945	70922831	A	70920973
* 73046772	70922355	34-3/4	70920952	70923186	E	70920944	70920978	A	70920972
* 73046776	70922355	46	70920944	70920978	A	70920944	70920978	A	70920972
73106145	70920728	48-3/4	70920875	70920232	E	70921033	70921034	A	70919282
73050578	70920728	52-1/2	70920868	70920144	E		73100701	E	70919282
73104969	70920728	61-1/2	70921033	70921034	A	70920868	70920144	E	70919282
73106263	70920728	78-1/4	70921033	70921034	A	70921033	70921034	A	70919282
73106262	70920728	89-3/4	70920868	70920144	E	70921033	70921034	A	70919282
74338313	70919821	6-1/2	70920902	70921226	A		70920513	E	70919820
74320656	70919821	9-1/2	70920902	70921226	A	70928085	70920513	E	70919820
74338312	70919821	13-3/4	70920902	70921226	A		70920513	E	70919820
74359714	70928123	5-7/8	70920850	70920303	A	70920865	70919081	E	70919076
74359704	70928123	14	70920850	70920303	A	70920865	70919081	E	70919076
73104321	70920221	20-3/4	70920852	70920344	A	70920867	70919277	E	70919281
73104763	70920221	24-3/4	70920852	70920344	A	70920867	70919277	E	70919281
74359751	70928121	8-5/8	70920848	70920530	A	70920863	70920155	E	70919768

(continued)

ORIGINAL HOSE ASSY NUMBER (See NOTE)	BULK HOSE (25' roll)	HOSE LENGTH (inches)	NIPPLE (#1 end)			NIPPLE (#2 end)			SOCKET (both ends)
			Including SOCKET	NIPPLE only		Including SOCKET	NIPPLE only		
74320656	70919821	9-1/2	70920902	70921226	A		70920513	E	70919820
74357430	70920388	12-3/4		70920806	A		70920806	A	
74338314	70922045	8-1/4		70922043	A		70922044	E	70922042
73048924	70920388	31-3/8		70920806	A		70920806	A	
73047542	70920982	9		70923264	L		73100705	N	70920986
73058700	70922357	32-5/16	70920946	70922832	A	70920946	70922832	A	70920986

*HOSE ASSY. includes Hose Guard

PACKAGED PARTS

PACKAGE NO.

DESCRIPTION

73048031

SEAL AND GASKET KIT, model TT transmission (2-speed forward, 1-reverse)(Used prior to transmission S/N 5391)

1	70194585	RING, seal	
2	70194679	SEAL, oil	
2	70924944	NUT, output shaft	
1	73021053	SEAL, oil	
1	73067517	GASKET, oil strainer	
1	73021058	RING, seal, plug	
1	73026156	SEAL, oil, oil pump	
1	73031847	CUP, clutch cut-off	
1	73035714	RING, seal, high clutch hub	
1	73035745	RING, seal	
1	73042138	SEAL KIT (Includes expander)	
1	73042151	SEAL KIT (Includes expander)	
1	73044386	GASKET, oil pump	
1	73044400	RING, seal, oil suction tube	
1	73044402	GASKET, cover, oil pump	
2	73044474	GASKET, plug	
1	73044485	GASKET, plug	
2	73044489	GASKET, plug, detent	
6	73046029	STRIP, locking, high clutch	
2	73070598	RING, seal	
1	73047698	GASKET, housing	
2	73047701	SEAL KIT (Includes expander)	
1	73047720	SEAL KIT (Includes expander)	
2	73047724	RING, seal	
1	73047741	GASKET, cover	
1	73048425	GASKET, converter housing	
1	73048782	GASKET, control valve	
24	73021041	NUT	
1	-----	GASKET (#552868)	} Not 745 or 745-H Discard
1	-----	GASKET (#3224773)	
1	-----	SEAL, oil (#6868417)	
2	-----	SEAL, oil (#6752035)	
1	-----	GASKET (#6775819)	
1	73059130	O-RING	
1	73063376	SEAL, oil, range selector	

73062091

SEAL AND GASKET KIT, model TT transmission (2-speed forward, 1-reverse)(Effective with transmission S/N 5391)

1	70194585	RING	
2	70194679	SEAL	
2	70924944	NUT	
24	73021041	NUT	
1	73021053	SEAL	
1	73067517	GASKET	
1	73021058	RING	
1	73026156	SEAL	
1	73031847	CUP	
1	73035714	RING	
1	73035745	RING	
1	73042151	SEAL KIT (Includes expander)	
2	73044474	GASKET	
1	73044485	GASKET	
2	73044489	GASKET	
6	73046029	STRIP	
2	73070598	RING	
1	73047698	GASKET	
1	73047724	RING	
1	73047741	GASKET	
1	73048425	GASKET	
1	73048782	GASKET	
1	73058793	RING, seal	

(Continued)

PACKAGED PARTS

PACKAGE NO.	DESCRIPTION
73062091 (Continued)	SEAL AND GASKET KIT, model TT transmission (2-speed forward, 1-reverse)(Effective with transmission S/N 5391)
	1 73062025 RING, seal
	1 73062026 RING, seal
	2 73062027 RING, seal
	1 73062031 GASKET
	1 73062032 GASKET
	2 73062043 O-RING
	1 73062051 RING, seal
	1 73062067 RING, seal
	1 73063376 SEAL
	1 73063379 WASHER, seal
	1 73069421 GASKET, sump cover
73048032	SEAL AND GASKET KIT, model TRT transmission (2-speed forward, 2-speed reverse)
	1 70194585 RING, seal
	2 70194679 SEAL, oil
	2 70924944 NUT, output shaft
	1 73021053 SEAL, oil
	1 73067517 GASKET, oil strainer
	1 73021058 RING, seal
	1 73026156 SEAL, oil
	1 73031847 CUP
	1 73035714 RING, seal, low clutch piston
	1 73035745 RING, seal
	1 73042138 SEAL KIT (Includes expander)
	1 73042147 RING, seal, low clutch piston
	1 73044386 GASKET, pump body
	1 73044400 RING, seal
	1 73044402 GASKET, oil pump cover
	3 73044474 GASKET
	1 73059130 O-RING
	1 73044485 GASKET, plug
	1 73044489 GASKET, plug
	2 73070598 RING, seal
	1 73047698 GASKET
	3 73047701 SEAL KIT (Includes expander)
	1 73047720 SEAL KIT (Includes expander)
	2 73047724 RING, seal, forward clutch
	1 73047741 GASKET, rear cover
	1 73047811 SEAL KIT (Includes expander)
	1 73048425 GASKET, converter housing
	1 73048842 GASKET, valve body
	24 73021041 NUT
	1 73063376 SEAL, oil
	1 ----- GASKET (#552868)
	1 ----- GASKET (#3224773)
	1 ----- SEAL, oil (#6768417)
	1 ----- SEAL, oil (#6752035)
	1 ----- GASKET, (#6775819)
	} Not 745 - Discard
-----	REPAIR KIT (lift cylinder)(See page 279 or 281)
-----	REPAIR KIT (dump cylinder)(See page 273 or 275)
-----	REPAIR KIT (steering cylinder)(See page 243 or 246)
73048844	DECAL KIT (See page 447)
74359410	GASKET KIT, cylinder head
	4 70923574 O-RING, water by-pass tube
	4 70923813 O-RING, connector tube
	1 74300145 GASKET, water outlet manifold
	2 74336148 GASKET, rocker cover
	4 74336182 GASKET, water manifold
	1 74336263 GASKET, thermostat housing
	1 74336266 GASKET, engine water outlet elbow

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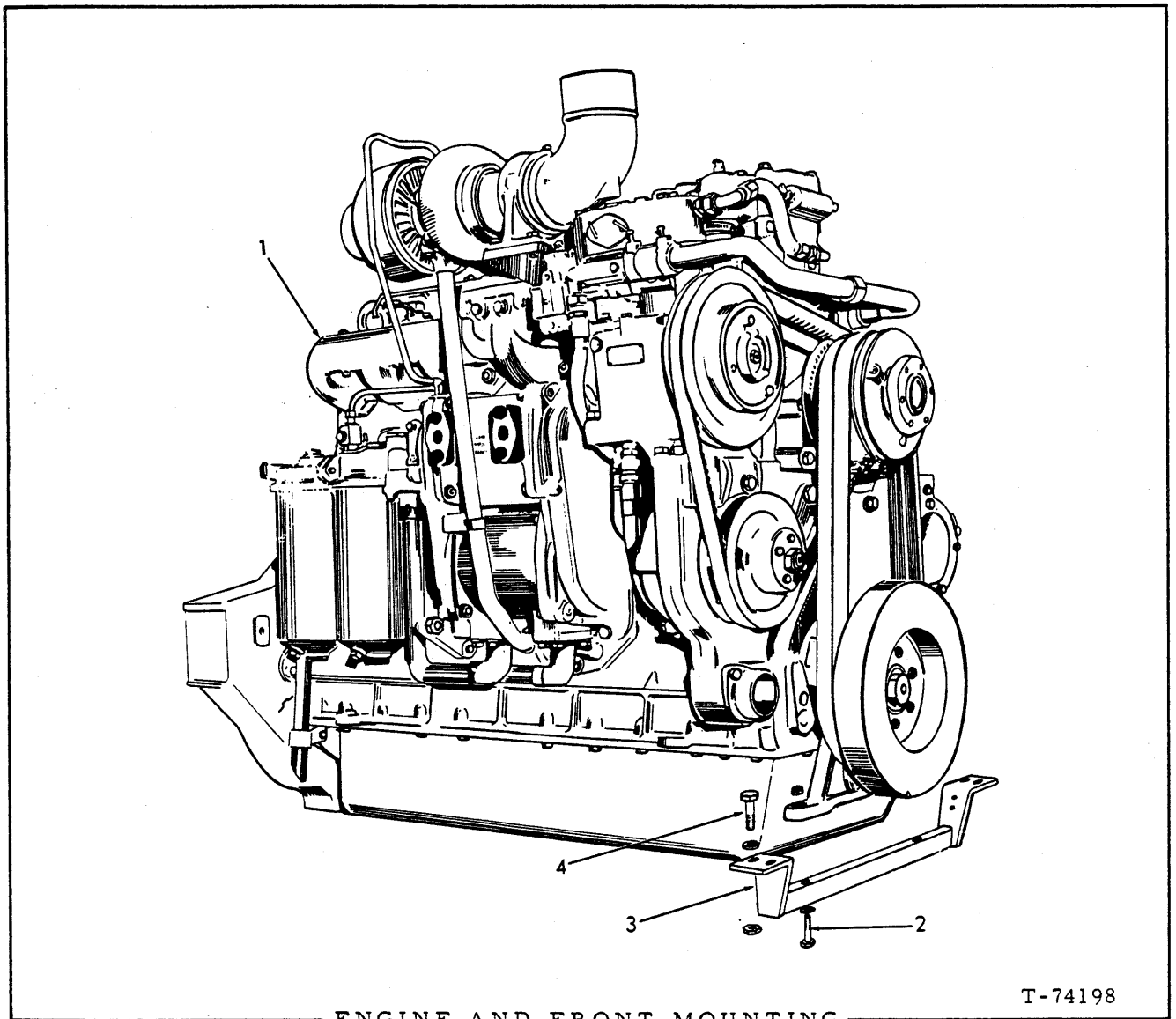
PACKAGED PARTS

PACKAGE NO.	DESCRIPTION
74359410 (Continued)	GASKET KIT, cylinder head
	2 74337764 GASKET, valve lifter cover
	6 74359355 GASKET, exhaust manifold
	6 74346138 GASKET, intake manifold
	2 74348133 GASKET, breather tube
	1 74359029 GASKET ASSY., rear cylinder head (Includes 3 fire rings)
	1 74359030 GASKET ASSY., front cylinder head (Includes 3 fire rings)
	6 74378031 GASKET, injection nozzle
	1 74300145 GASKET, water outlet elbow
74357677	RING KIT, piston, engine (See PISTON AND CONNECTING ROD)
74358696	GASKET KIT, intermediate, cylinder block
	2 70923376 O-RING, flywheel housing
	8 70923574 O-RING, heat exchanger tube
	2 70923813 O-RING, heat exchanger elbow
	1 70923816 O-RING (Not used - Discard)
	1 70923820 O-RING, injection pump drive cover
	1 70924139 O-RING, injection pump mounting cover
	1 74335056 GASKET, water pump volute
	1 74336676 GASKET, timing hole cover
	1 74336897 RING, sealing, flywheel housing to crankcase
	1 74339118 GASKET, oil filter outlet flange
	1 74339123 GASKET, filter, intermediate head connecting
	1 74339128 GASKET, filter head
	1 74339150 GASKET, filter head to block
	1 74339151 GASKET, oil line elbow
	1 74346169 GASKET, oil pipe
	1 74346456 GASKET, water inlet pipe
	1 74346744 GASKET, water pump
	1 74347031 GASKET, water by-pass flange
	1 74348136 GASKET, timing gear housing
	1 74348184 GASKET, filter head to block
	1 74348185 GASKET, heat exchanger front cover
	1 74348218 GASKET, oil pipe
	1 74354163 GASKET, timing gear cover
74359603	PISTON AND SLEEVE KIT (Used prior to engine S/N 11-18403)
	1 74359870 O-RING
	2 74255465 RETAINER, piston pin
	2 74337972 RING, sealing, cylinder sleeve
	1 74354720 SLEEVE, cylinder
	1 74354778 PIN, piston
	1 74357677 RING SET, piston
	1 74358745 PISTON
	1 74359869 O-RING
	1 ----- INSTRUCTION SHEET
74359756	PISTON AND SLEEVE KIT (Effective with engine S/N 11-18403)
	2 74255465 RETAINER, piston pin
	74337972 RING, sealing, cylinder sleeve
	1 74354778 PIN, piston
	1 74359360 PISTON
	1 74359365 SLEEVE, cylinder
	1 74359869 O-RING, sealing, cylinder sleeve
	1 74359757 RING SET, piston

(Continued)

PACKAGED PARTS

PAGE NO.	DESCRIPTION
447	DECAL KIT
178	LINING KIT, parking brake
171, 174, 176	LINING KIT, service brakes
220, 224, 226	REPAIR KIT, air application valve
209, 212	REPAIR KIT, air tank check valve
217	REPAIR KIT, alcohol injector
288	REPAIR KIT, automatic boom kick-out
273, 275	REPAIR KIT, dump cylinder
269	REPAIR KIT, hydraulic pump
279, 281	REPAIR KIT, lift cylinder
301, 305	REPAIR KIT, master cylinder
220, 224, 226	REPAIR KIT, power cluster
302, 306	REPAIR KIT, slave cylinder
243, 246	REPAIR KIT, steering cylinder
169, 172, 175	REPAIR KIT, wheel cylinder
21	RING SET, piston

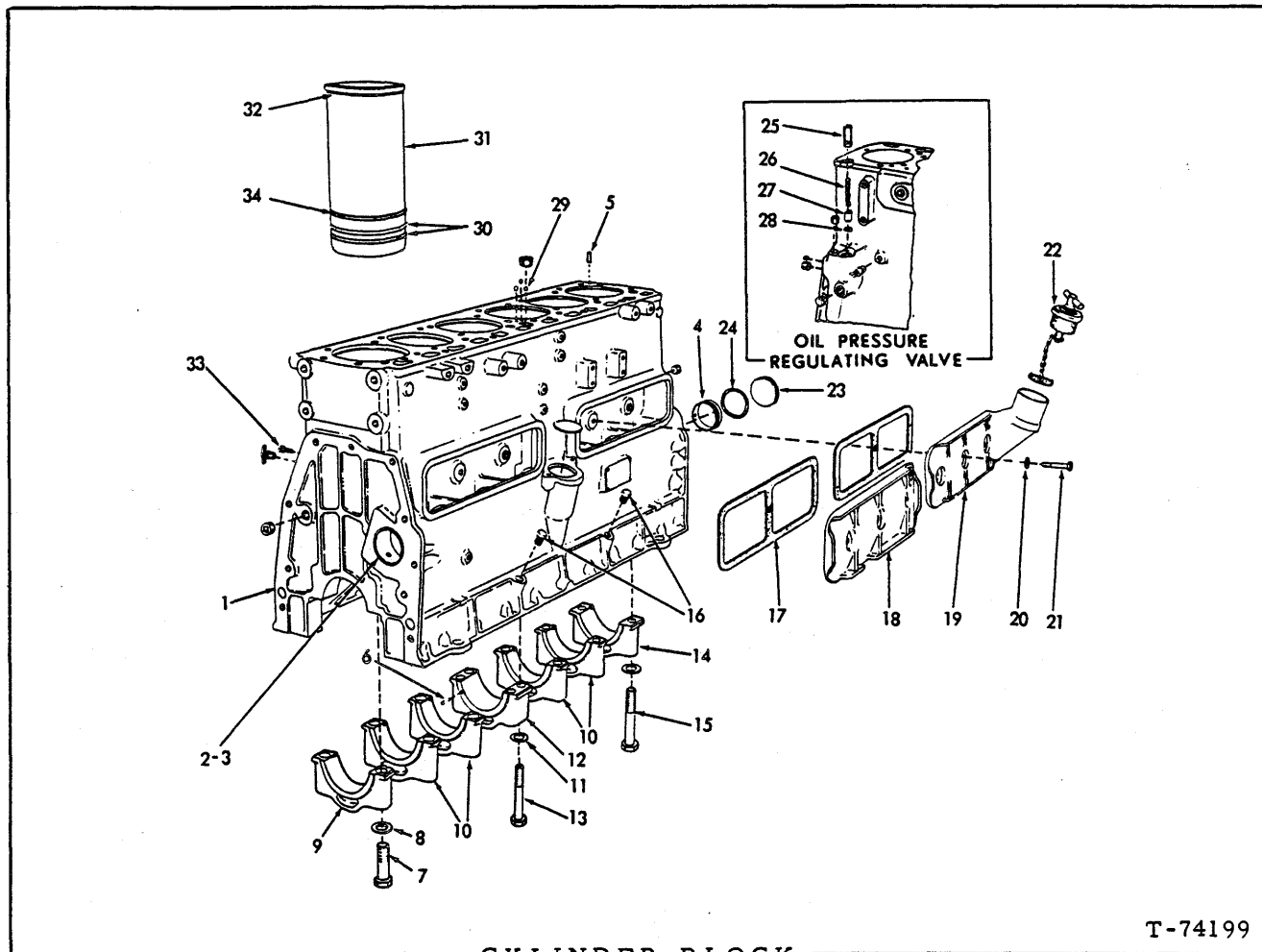


T-74198

ENGINE AND FRONT MOUNTING

ITEM	PART NO.	QTY.	DESCRIPTION
1	74359477	1	ENGINE ASSY., model 11000 (Less air cleaner, fan, starter and alternator)(Used prior to engine serial no. 11-18336)
	74359737	1	ENGINE ASSY., model 11000 (Less air cleaner, fan, starter and alternator)(Effective with engine serial no. 11-19119 including serial no. 11-18336 thru 11-18779, 11-18806, 11-18944, 11-19053 11-19059, 11-19077 and 11-19079)
	74320626	1	ENGINE ASSY., model 11000 (Less air cleaner, fan, starter and alternator)(Used with engine serial no. 11-18780 thru 11-19118 excluding 11-18806, 11-18944, 11-19053, 11-19059, 11-19077 and 11-19079)
2	70916414	2	CAPSCREW, 5/8" NF x 5-3/4"
	70916589	2	NUT, elastic stop, 5/8" NF
3	73047510	1	BRACKET (Front)
4	70927603	4	CAPSCREW, 5/8" NF x 3"
	73026289	8	WASHER, plain, special
	70916589	4	NUT, elastic stop, 5/8" NF

NOTE: For rear engine MOUNT, see TRANSMISSION HOSES



CYLINDER BLOCK

ITEM	PART NO.	QTY.	DESCRIPTION
1	74320943	1	BLOCK ASSY. (Includes items 2 thru 4, 7 thru 15, 28, 29 and hardware indented below)
	70910017	1	PLUG, 2-3/8" diam.
	70919134	3	PLUG, 1/8"NPT
	70920333	1	PLUG, 3/8"NPT
	70904223	2	PLUG, 1/2"NPT
	70920416	1	PLUG, 1/2"NPT
	70918851	1	PLUG, 3/4"NPT
	70918888	1	PLUG, 1"NPT (Replacement block only)
	70912415	2	COCK, 1/4"NPT
	70918887	1	PLUG, 3/8"NPT
	70917673	1	PLUG, 1/8"NPT
2	{ 74346100	1	BEARING, (Std. size)(front)
	{ 74347416	1	BEARING, (.010" undersize)(front)
3	{ 74346099	2	BEARING, (Std. size)(intermediate)
	{ 74347419	2	BEARING, (.010" undersize)(intermediate)
4	{ 74320592	1	BEARING (Std. size)
	{ 74347413	1	BEARING (.010" undersize)
5	74336432	4	PIN
6	74250898	4	PIN
7	74339037	2	CAPSCREW, 3/4"NC x 3-15/16"

(Continued)

CYLINDER BLOCK (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	74354175	12	WASHER
9	74349630	1	CAP (See NOTE)
10	74349632	4	CAP (See NOTE)
11	74391160	4	WASHER
12	74349629	1	CAP (See NOTE)
13	74339038	4	CAPSCREW, 5/8"NC x 3-13/16"
14	74349631	1	CAP (See NOTE)
15	74339036	10	CAPSCREW, 3/4"NC x 4-5/16"
16	74362338	1	PLUG
17	74337764	2	□GASKET
18	74354635	1	COVER (Used prior to engine S/N 11-18355)
	74359668	1	COVER (Effective with engine S/N 11-18355)
19	74338674	1	COVER
20	74335456	3	WASHER (6 used prior to engine serial No. 11-18336)
21	74335455	3	BOLT (6 used prior to engine serial No. 11-18336)
	74359683	3	BOLT (Effective with engine serial No. 11-18336)
22	74354449	1	CLOSURE ASSY. (Includes Chain and Strainer - serviced only as a unit)
23	74335534	1	PLUG
24	70923815	1	□O-RING, camshaft hole plug
25	74389058	1	SCREW
	70910847	1	NUT, 3/4"NF
26	74660358	1	SPRING
27	74500230	1	PISTON
28	74507673	1	INSERT
29	74347061	1	RESTRICTOR
30	74337972	6	□O-RING
	74359870	6	□O-RING
31	74359365	6	□SLEEVE (prior to s/n 11-16980 also order O-RING indented below)
	74359586	6	O-RING
32	74348857	-	SHIM (.005" thick)
	74348856	-	SHIM (.008" thick)
	74348859	-	SHIM (.010" thick)
	74348858	-	SHIM (.015" thick)
	74348900	-	SHIM (.020" thick)
33	74335777	2	CAPSCREW, 3/8"NC x 3/4"
34	74359869	6	□O-RING

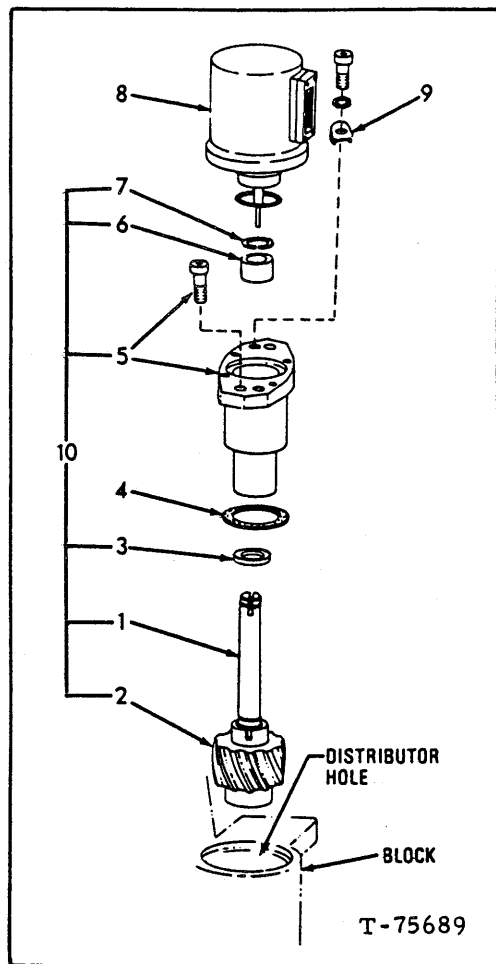
Use as required when reworking cylinder blocks

NOTE: Replacement bearing caps are semi-finished and must be line-bored after installing

□(Also see PACKAGED PARTS)

HOUR METER

USAGE: Effective with engine serial no. 11-17383



ITEM	PART NO.	QTY.	DESCRIPTION
1	74359271	1	SHAFT ASSY.
2	74660408	1	GEAR
3	74359308	1	BEARING, thrust
4	74253773	1	GASKET
5	-----	1	HOUSING, hour meter (Order item 10)
	74359231	2	SCREW, skt. -hd., 3/8" NC x 2-1/4"
6	74255962	1	BUSHING
7	74255961	1	RING, retaining
8	74359290 70923934	1 1	METER, hour O-RING, sealing
9	74359293 74027687 70904204	2 2 2	CLAMP, hour meter CAPSCREW (Special) LOCKWASHER, 1/4"
10	74359237	1	ADAPTER ASSY., hour meter (Includes one housing and items 1, 2, 3, 6 and 7)