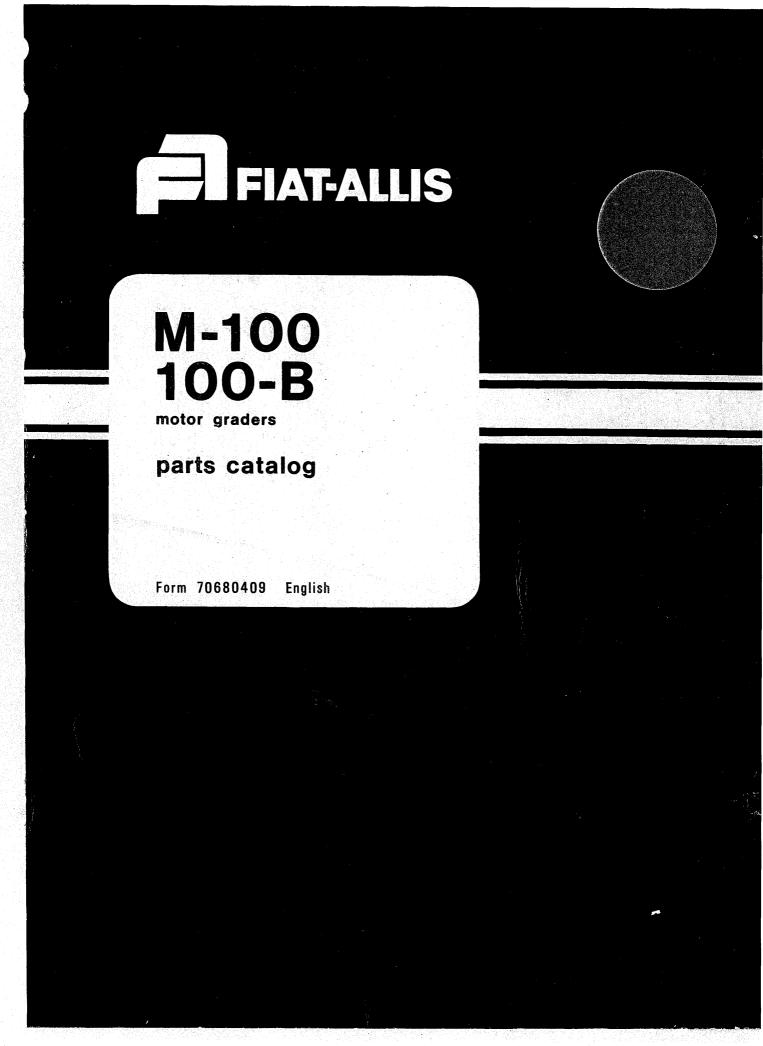
Fiat Allis M100 M100b Motor Grader Parts Catalog

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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 many 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.

NATIONAL SAFETY COUNCIL

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.

5-71 4th Printing 5-81

SUPPLEMENT NO. 1

PARTS CATALOG FORM 0680409-0

M100 GRADER

(7 - 72)

<u>ATTENTION</u>: Insert this sheet into the front of publication as record of receipt. Replace or add pages in the publication according to instructions below.

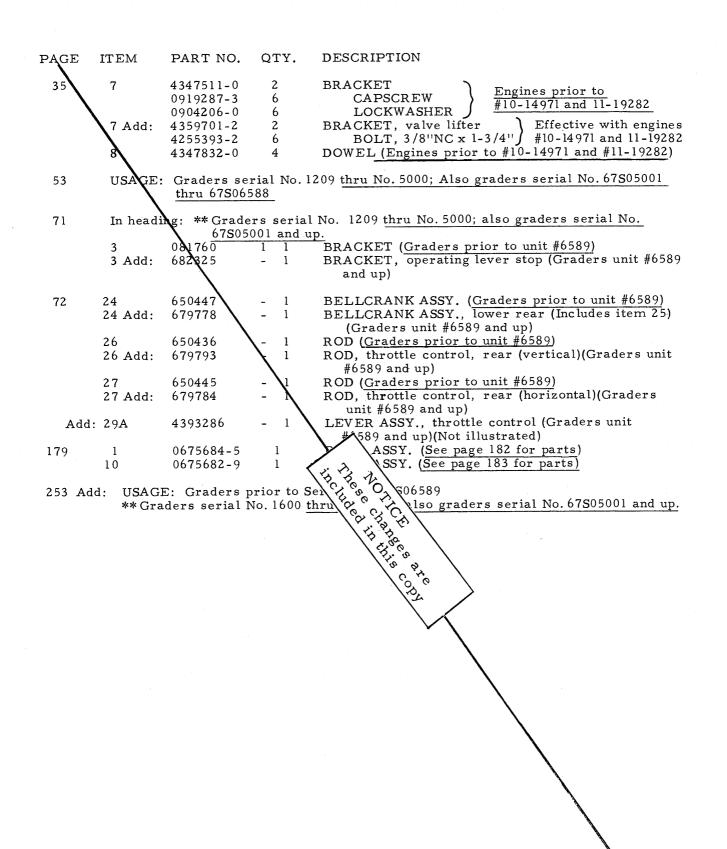
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REASON: This supplement is issued to provide service for graders serial No. 67S06589 and up with "Bosch-Germany" Fuel Injection Pump.

| 19 (N | lo change) | 57B (Added) | 67 (Revised) | / *113 (Revised March 1972) |
|---------------|---------------------|---|---|---|
| 20 (F | Revised) | 58 (No change | e) 67A (Added) | *114 (Revised March 1972) |
| | (Added) (Added) | 61 (Revised) 61A (Added) | 67B (Added) 68 (No change) | 181 (No change) *182 (Revised March 1972) |
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| 14 | 1 | 4359358-1 | Se Se GINE ASSY. (Stand | lard on graders unit #05130 thru |
| | l Add: | 4359358-1 4359736-8 | | 0 <u>thru #06588)</u> sch-Germany'' Injection Pump. andard on graders unit #06589 |
| 17 | 20 20 Add: | 4354635-7 - 1 4359668-3 - 1 | | to engine #11-19309) , front (Effective with engine |
| 18 | 21 22 22 Add: | 4335456-2 6 6 4335455-4 6 6 4359683-2 - 3 | $\beta = BOLT \int \frac{3 \text{ less us}}{2}$ | eed engine #11-19309 and up cover, front (Effective engine |
| 31 | 4 5 | 4359193-2 6 4359192-4 6 | | ange part No. to 4359192-4) nge part No. to 435919 <u>3-2)</u> |
| | | | | |

(Continued)

Printed in U.S.A.



ADDITIONAL PUBLICATIONS AVAILABLE FOR MODEL M 100 MOTOR GRADER

(See NOTE below)

| DESCRIPTION S | ERIALNO. | | FC | DRM NO. | | |
|---|-------------------|----------------------|----------------------|------------------------|---------------------------------------|--|
| | | ENGLISH | ESPANOL (Spanish) | FRANCAIS (French) | PORTUGUES (Portuguese) | |
| PARTS CATALOGS | | | | | | |
| Injection Pump | | | | | | |
| (American Bosch) Pr. | S/N 1209 | 70696878 | | | | |
| Injection Pump | | | | | | |
| | 06588 | 70685399 | | | | |
| Injection Pump (Robert Bosch)S/N 67S | 06580 | 70698576 | | | | |
| Motor Grader | | 70680409 | | | | |
| | | | | - | | |
| OPERATORS MANUALS | | | | | | |
| M100 Pr. | S/N 1001 | 70633816 | | | | |
| M100 (Series B) S/N | 4 1001-up | 70681824 | 70673197 | 70680447 | 70679488 | |
| | | | | | · · · · · · · · · · · · · · · · · · · | |
| SERVICE MANUALS | | | | | | |
| Electrical System | . All | 70696657 70645121 | 70681718 70650410 | $70688844 \\ 70650412$ | 70650411 | |
| Engine (10000 & 11000) Engine Clutch & Clutch Brake | . All All | 70646138 | /0650410 | /0650412 | 70050411 | |
| Front Wheel, Axle & Wheel Lean | | 70651543 | | | | |
| Fuel Injection Nozzles | | 70682797 | | | | |
| Hydraulic System | | 70651549 | | | | |
| Injection Pump | - | | | | | |
| (American Bosch) Pr. | S/N 1209 | 70657398 | | | | |
| Injection Pump | | | | | | |
| (Roosa-Master) S/N | | | | | | |
| | 06588 | 70656820 | | | | |
| Injection Pump (Robert Bosch)S/N 67S | 04580 | 70681649 | | | | |
| Moldboard, Drawbar, Circle, | 00589 - up | 70001049 | | | | |
| Scarifier & Gear Cases | . All | 70651545 | | | | |
| Power Control Box, Vertical | | | | | | |
| Drive & Power Take-off | | 70677883 | | | | |
| Rear Wheels & Brakes | 1 | 70657712 | | | | |
| Tandems & Rear Axle Transmission & Drive Shaft | . All | 70641623 | | | | |
| U-Joint | . All | 70693862 | | | | |
| Turbocharger (TE-06)Pr. | S/N 5190 | | | | | |
| excl. 5130 | thru 5157 | 70677064 | 70678570 | 70678727 | 70679482 | |
| Turbocharger (TO-4) S/1 | | | | | | |
| | thru 5189 | 70687805 | 70679633 | 70679635 | 70679634 | |
| *Complete Service Manual | | 70682501 | 70678728 | 70681717 | | |
| * Engine and Turbocharger not included in Foreign Translations; Fuel Injection Pump | | | | | | |
| and Nozzles not included in En | | oreign fran | i | | P | |
| | - | OTICE | l | L | 1 | |

NOTICE

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PUBLICATIONS INDEX (FORM 70658800) IS AVAILABLE FREE FROM YOUR DEALER.

(Revised May 1978)

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.

Párts indicated with a square (\Box) 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

At the time this parts catalog was published the listed part numbers were current. It is our policy to constantly improve our machines and therefore, part numbers and design may change. When ordering parts, verify part numbers through your dealer's parts catalog which is up to date with all latest part numbers.

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 Allis-Chalmers.

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.

(Specifications and design subject to change without notice)

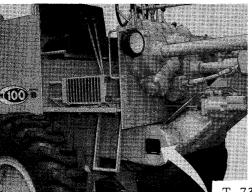
MODEL IDENTIFICATION

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

| MODEL SYMBOL | ENGINE MODEL | DESCRIPTION |
|-----------------|---|---|
| M100 | 10000 | Motor Grader naturally - aspirated engine, grader serial No. 101 thru 1000 |
| M100 | 11000 | Motor Grader, special equipment turbo- charged engine, graders prior to serial No. 5000 |
| M100 (Series B) | 10000 | Motor Grader, naturally-aspirated engine, Graders serial No. 1001 thru 5000. |
| M100 (Series B) | 11000, serial No. 11-16145 and up | Motor Grader, standard turbocharged engine. Graders serial No. 67S05001 and up. |

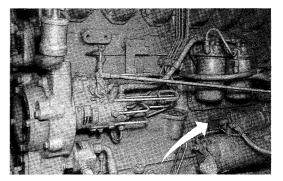
RECORD YOUR SERIAL NUMBERS BELOW

MODEL SERIAL NUMBER_____



T-73690

ENGINE SERIAL NUMBER



T-73691

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.

| GRADER | *SERIAL NO. | | | | | | |
|------------------|-----------------|-------------|--|--|--|--|--|
| MODEL | PRODUCT CODE | UNIT NO. | | | | | |
| M100 Series B | 67S | 05001 | | | | | |

ALPHABETICAL INDEX

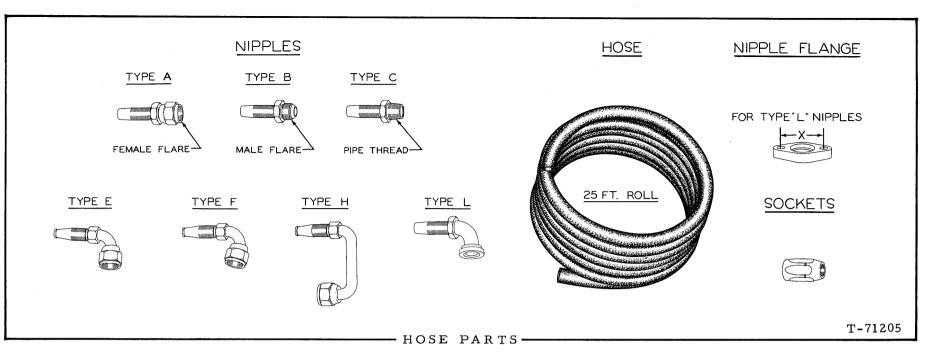
| Air Cleaner83, 89, 89A, 89D |
|--------------------------------------|
| Air Cleaner Extension 81 |
| Air Cleaner Intake |
| Batteries and Cables 257, 259A |
| Belts, driving 97,227,256,259 |
| Booster |
| Brake 155 |
| Engine Clutch109 |
| Brake Booster155 |
| Brake Control127, 155 |
| |
| Brakes Control Box 223 |
| |
| Engine Clutch109 |
| Parking123 |
| Wheel149 |
| Cab 271 |
| Cab Heater267, 269 |
| Camshaft 35 |
| Chain 141,143 |
| Clutch & Brake Booster Pump Drive 20 |
| Connecting Rod 19 |
| Conversion Tables 12 |
| Crankshaft 28 |
| Cylinder |
| Brake Master 155 |
| Brake Wheel 149 |
| Moldboard Shift207,209 |
| Cylinder Block 17 |
| Cylinder Head 31 |
| Cylinder Sleeve 17 |
| Dash and Floor241 |
| Defroster Fan278 |
| Elements |
| Air Cleaner 86,87 |
| Brake Filter177 |
| Engine Clutch Filter 177 |
| Engine Oil Filter 43, 46, 47 |
| Fuel Filter 46, 47, 50, 53 |
| Hydraulic System Filter177 |
| Severe-Service Fuel Filter 46,47 |
| Severe-Service Oil Filter 46,47 |
| Steering Pump Filter177 |
| Transmission Oil Filter115 |
| Engine Air Heater 91 |
| Engine Breather 33 |
| Engine Clutch |
| Engine Clutch Booster109 |
| Engine Clutch Control 109 |
| Engine and Mounting14 |
| Engine Primer93 |
| |

| Engine Shut-off Control 68,69 |
|--|
| Exhaust Pipe 81,82 |
| Fan 97 |
| Fan Belt Tightener 99 |
| Filters |
| Brake 177 |
| Engine Clutch 177 |
| Engine Oil 43, 44 |
| Fuel 48, 49, 50 |
| Hydraulic System 177 |
| Steering 177 |
| Transmission Oil 113 |
| Floor241 |
| Flywheel and Housing 26 |
| Frame 159 |
| Front Axle and Wheel Lean 171 |
| Front Push Block 289 |
| Front Wheel 146 |
| Front Wheel Spindles & Strg. Linkage167 |
| Fuel Filter 48,49,50,53 |
| Fuel Lines 52,53 |
| Fuel Tank 54 |
| Gauges |
| Air Restriction Indicator 83,89 |
| Ammeter250, 251 |
| Engine Oil Level 36 |
| Engine Oil Pressure 252 |
| Engine Temperature 250,251 |
| Fuel Level 54 |
| Fuel Pressure 253 |
| Hour Meter 265 |
| |
| |
| Hydraulic System Oil Level 184 |
| Transmission Oil Pressure 254 |
| Gear Shift Controls133,135 |
| Gear Shift Forks & Locks 129 |
| Generator 256 |
| Grill235 |
| Hood 235 |
| Hood Side Plates 287 |
| Horn247 |
| Hose Parts 6 |
| Hour Meter 265 |
| Hubodometer 264 |
| Hyd. Pump & Lines (Moldboard) 217 |
| Hydraulic System 175, 179 |
| Hydraulic System Dipstick & Breather 184 |
| Injection Fuel Return Lines 65,67 |
| Injection Nozzles and Lines 59,61 |
| |

ALPHABETICAL INDEX

| Instruments 250,251 |
|----------------------------------|
| Lights |
| Head247 |
| Instrument Panel 250, 251 |
| Rear Flood 263 |
| Stop 247 |
| Tail 247 |
| Lights, Horn and Wiring 247 |
| Main Bearings 28 |
| Manifolds |
| Exhaust 74,75 |
| Intake 74 |
| Water Outlet 102 |
| Moldboard |
| Assembly 200,202 |
| Circle Turn199 |
| Drawbar and Circle197 |
| Extensions204 |
| Hydraulic Pitch Control 195B |
| Hydraulic Pump & Lines217 |
| Lift |
| Power Shift Control Valve215 |
| Power Shift Piping213 |
| Rock Bits205 |
| Side Shift189 |
| Muffler |
| Numerical Index290 |
| Oil Cooler41 |
| Oil Filter 43,44 |
| Oil Pan 36 |
| Oil Pump 39 |
| Packaged Parts 8 |
| Painting and Marking244 |
| Parking Brake123 |
| Parking Brake Control127 |
| Piston19 |
| Power Control 219 |
| Power Steering162 |
| Power Take-off 227, 228C |
| Power Take-off Vertical Drive229 |
| Pumps |
| Brake Booster 175, 179 |
| Engine Air Heater 91 |
| Engine Clutch Booster |
| Engine Oil 39 |
| Engine Primer 93 |
| Fuel Injection 56,57 |
| Moldboard 217 |
| Steering 175,179 |
| Tire279 |
| |

| Pumps (Continued) |
|---|
| Transmission Oil 113 |
| Water 101 |
| Push Block 289 |
| Radiator 98 |
| Radiator Grill and Hood235 |
| Raincap 81, 83, 89 |
| Rear Axle137 |
| Rear Flood Light 263 |
| Rear Wheels 146 |
| Scarifier281 |
| Scarifier Control Shafts283 |
| Scarifier Lift 285 |
| Seat237, 239, 239A |
| Starter 262 |
| Steering Control |
| Steering Linkage167 |
| Tandems 141, 143 |
| Thermostat 102 |
| Throttle Control 71 |
| Timing Gear Housing 21,25 |
| Timing Gears 28, 35, 56, 57 |
| Tire Pump 279 |
| Tires and Rims 147 |
| Tool Box 288 |
| Tools 288 |
| Transmission |
| Assembly 116 |
| Bottom Shaft 123 |
| Gear Shift Forks & Locks 129 |
| Intermediate Shaft 120 |
| Reverse Gear Shaft124 |
| Top Shaft118 |
| Transmission Oil Pump 113 |
| Transmission Oiling System |
| Turbocharger77,77A |
| Universal Joint 105 |
| Valves |
| |
| Engine Oil Pressure Regulating 17 |
| Engine Oil Pressure Relief 39 |
| Exhaust |
| Intake |
| Moldboard Power Shift Control 215 |
| Valve Operating Mechanism 35 |
| Vandalism Prevention Parts290 Water Outlet Manifold102 |
| Water Pump 101 Wheel Lean 171 |
| Wheels 146 |
| Windshield Wiper 275,277 |
| |



NOTE: Refer to right hand column for identity of interchangeable crimped-type hose (fittings not re-usable). Assembly number shown in left hand column indicates available replacement hose assembly with re-usable components; where no assembly number is listed, hose assembly is not available from fac-tory but may be constructed in the field from data indicated.

| HOSE ASSEMBLY NO. | BULK HOSE (25' roll) | HOSE LENGTH | NIPPLE (#1 end) | | | NIPPLE (#2 end) | | | SOCKET (both ends) | NIPPLE FLANGE | | CRIMPED- TYPE HOSE |
|-------------------------|----------------------------|-------------|--------------------|-------------------|------------|--------------------|----------|-----------|-----------------------|------------------|------|--------------------------|
| (See NOTE) | (25 1011) | (menes) | Including | NIPPLE | _ | Including | NIPPLE | | | | | (See NOTE) |
| - | | | SOCKET | only | Туре | SOCKET | only | Туре | | Part No. | Dim | Part No. |
| 70094320 | 70919155 | 13-3/4 | 70920849 | 70920302 | A | 70920857 | 70919079 | В | 70919075 | | | · · · |
| 74335557 | 70919196 | 7-7/8 | 70920847 | 70920301 | Α | 70920833 | 70919200 | С | 70919143 | | | |
| 74335566 | 70920222 | 5-7/16 | | 709 2 0173 | L | | 70920195 | L long | 70919282 | 70919251 | 311 | |
| 74335567 | 70920222 | 9-7/16 | | 70920173 | L short | | 70920141 | L long | 70919282 | 70919274 | 2-1/ | 4 '' |
| 74335897 | 70919155 | 7-3/4 | 70920849 | 70920302 | A | 70920836 | 70919073 | c | 70919075 | | | |
| 74335898 | 70919155 | 19-1/2 | 70920849 | 70920302 | A | 70920864 | 70919082 | Е | 70919075 | | | |
| 74335935 | 70919155 | 15-1/2 | 70920849 | 70920302 | A | 70920864 | 70919082 | E | 70919075 | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

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| | 1 | l | | t | 1 | 1 | l | 1 | 1 | 1 | 1 1 |
|---------|-------------------|--------|------------------|----------|------------|------------------|----------|-----------|------------------|---|-----------------|
| 4339051 | 70919166 | 12 | | 70920142 | E | | | | 70919164 | | |
| | 70919156 | 11-3/8 | 70920850 | 70920303 | A | 70920865 | 70919081 | E | 70919076 | | 70643428 |
| | 70919156 | 29-3/4 | | 70919175 | F | | 70919175 | F | 70919076 | | 70643431 |
| | 70919156 | 29-3/4 | | 70919175 | F | | 70919175 | F | 70919076 | | 70643432 |
| | 70919474 | 21-1/2 | 70920851 | 70921046 | A | 70920866 | 70919473 | E | 70919469 | | 70645374 |
| | 70919155 | 12-5/8 | 70920849 | 70920302 | A | 70920836 | 70919073 | С | 70919075 | | 7064538 |
| | 70919155 | 10-1/4 | 70920849 | 70920302 | A | 70920836 | 70919073 | С | 70919075 | | 7064538 |
| | 70920726 | 8-7/8 | 70920851 | 70921046 | A | 70920851 | 70921046 | A | 70919469 | | 7064538 |
| | 70919156 | 16-1/4 | 70920850 | 70920303 | A | 70920850 | 70920303 | A | 70919076 | | 7064540 |
| | 70919156 | 22-1/4 | 70920850 | 70920303 | A | 70920850 | 70920303 | A | 70919076 | | 7064540 |
| | 70919156 | 20-3/4 | 70920850 | 70920303 | A | 70920850 | 70920303 | A | 70919076 | | 7064541 |
| | 70919474 | 8-3/16 | 70920851 | 70921046 | A | 70920873 | 70922455 | E | 70919469 | | 7064541 |
| | 70919156 | 27-3/4 | 70920858 | 70919080 | В | 70920858 | 70919080 | В | 70919076 | | 7064541 |
| | 70919156 | 16-1/4 | 70920865 | 70919081 | E | 70920865 | 70919081 | E | 70919076 | | 7064541 |
| | 70919196 | 9-3/8 | 70920847 | 70920301 | A | 70920855 | 70919144 | в | 70919143 | | 7064542 |
| | 70919155 | 21-3/4 | 70920849 | 70920302 | A | 70920864 | 70919082 | E | 70919075 | | 7064542 |
| | 70919155 | 26-3/8 | 70920849 | 70920302 | A | 70920855 | 70919914 | н | 70919075 | | 70645423 |
| | 70919474 | 13 | | 70923867 | в | 70920866 | 70919473 | | 70919469 | | 7064778 |
| | 70919156 | 15-5/8 | 70920850 | 70920303 | A | 70920865 | 70919081 | E | 70919076 | | 70647993 |
| | 70919155 | 9-5/8 | 70920849 | 70920302 | A | 70920864 | 70919082 | E | 70919075 | | 70650318 |
| | 70919196 | 20-3/4 | 70920847 | 70920301 | A | 70920862 | 70919194 | E | 70919143 | | 70650310 |
| | 70919155 | 53-1/8 | 70920849 | 70920302 | A | 70920849 | 70920302 | A | 70919075 | | 70650784 |
| | 70919155 | 57-1/8 | 70920849 | 70920302 | A | 70920849 | 70920302 | 1 | 70919075 | | 70650785 |
| | 70919196 | 13-1/8 | 70 920847 | 70920301 | A | 70920862 | 70919194 | 1 | 70919143 | | 70666557 |
| | 70919196 | 11-3/4 | 70 920869 | 70919253 | E | 70920869 | 70919253 | Е | 70 919143 | | 7433975 |
| | 70919196 | 10-3/4 | 70920862 | 70919194 | E short | 70 920869 | 70919253 | E long | 70 919143 | | 7433975 |
| | 70 9203 88 | 12-3/4 | | 70920806 | А | | 70920806 | A | NONE | | 7 435743 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

PACKAGED PARTS

| | 1 1 | COMICED I MAIO |
|-------------------|--|--|
| PACKAGE NUMBER | DESCRIPTION | |
| 7 4359410 | GASKET KIT, cylin | nder head |
| 14339410 | 4 7 0923574 | O-RING, water by-pass tube (Discard) |
| | 4 70923813 | O-RING, water manifold tube |
| | 1 74300145 | GASKET, water outlet elbow |
| | 2 74336148 | GASKET, rocker cover |
| | 4 7 4336182 | GASKET, water manifold |
| | 1 74336263 | GASKET, thermostat housing |
| | 1 7 4336266 | GASKET, water elbow (Discard) |
| | 2 7 4337764 | GASKET, valve lifter cover |
| | 6 7 4346138 | GASKET, intake manifold |
| | 2 74348133 | GASKET, breather tube |
| | 1 74359029 | GASKET ASSY., front cylinder head |
| | 1 74359030 | GASKET ASSY., rear cylinder head |
| | 6 7 4359355 | GASKET, exhaust manifold |
| | 6 7 4378031 | GASKET, injection nozzle |
| | | - |
| 7 4359120 | | nediate, cylinder block (Graders prior to #1209) |
| | 1 7 0923589 | O-RING, fan drive (Discard. Not for grader) |
| | 1 7 0923718 | O-RING, oil filter |
| | 1 7 0923814 | O-RING, hydraulic pump drive |
| | 1 7 0923815 | O-RING, camshaft hole plug |
| | 2 7 0667252 | GASKET, oil drain plug |
| | 2 7 4113897 | GASKET, oil regulating valve nut |
| | 1 7 4335056 | GASKET, water pump volute |
| | 3 7 4335577 | GASKET, oil filter hose |
| | 1 7 4335578 | GASKET, oil filter hose |
| | 1 7 4335712 1 7 4336345 | GASKET, cover plate GASKET, cover plate |
| | 1 7 4336345 1 7 4336897 | RING, sealing, flywheel housing to crankcase |
| | 1 7 4346169 | GASKET, oil pipe |
| | 2 7 4346441 | GASKET, oil pipe (Discard. Not for grader) |
| | 1 7 4346456 | GASKET, water inlet elbow |
| | 1 7 4346744 | GASKET, water pump |
| | 1 74347031 | GASKET, water by-pass flange |
| | 1 7 4347120 | GASKET, oil filler hole cover |
| | 1 74348126 | GASKET, timing gear cover |
| | 1 74348136 | GASKET, timing gear housing |
| | 1 74348184 | GASKET, oil cooler water outlet |
| | 1 74348185 | GASKET, oil cooler water inlet |
| | 2 74348215 | GASKET, oil pipe |
| | 1 74348218 | GASKET, oil pipe |
| | 1 74349011 | GASKET, cover plate |
| | 1 7 4362458 | GASKET, oil pump cover (Discard. Not for grader) |
| | 1 74371289 | GASKET, oil pan cover |
| | 2 74373069 | GASKET, oil pan cover (Discard. Not for grader) |
| 74250122 | CACKET KIT into | rmediate, cylinder block (Graders #1209 and up) |
| 74359122 | 2 7 0667252 | GASKET, oil drain plug |
| | 2 7 0923376 | O-RING, flywheel housing dowel |
| | 1 7 0923589 | O-RING, fan drive (Discard) |
| | 1 7 0923814 | O-RING, hydraulic pump drive |
| | 1 70923815 | O-RING, camshaft hole plug |
| | 1 70923816 | O-RING, flywheel to crankshaft (Discard) |
| | 1 70923820 | O-RING, fan drive |
| | 1 70924139 | O-RING, injection pump mounting cover |
| | 1 7 4335056 | GASKET, water pump volute |
| | 1 7 4336436 | GASKET, oil drain flange |
| | 1 7 4336676 | GASKET, timing hole cover |
| | 1 7 4336897 | RING, sealing, flywheel housing to crankcase |
| | 1 7 4339150 | GASKET, filter head to block (Discard) |
| | 1 7 4339151 | GASKET, oil cooler to block (Discard) |
| | 1 7 4346169 | GASKET, oil pipe |
| | 2 7 4346441 | GASKET, oil pipe (Discard) |
| | 1 74346456 | GASKET, water inlet pipe |
| | | |

(Continued)

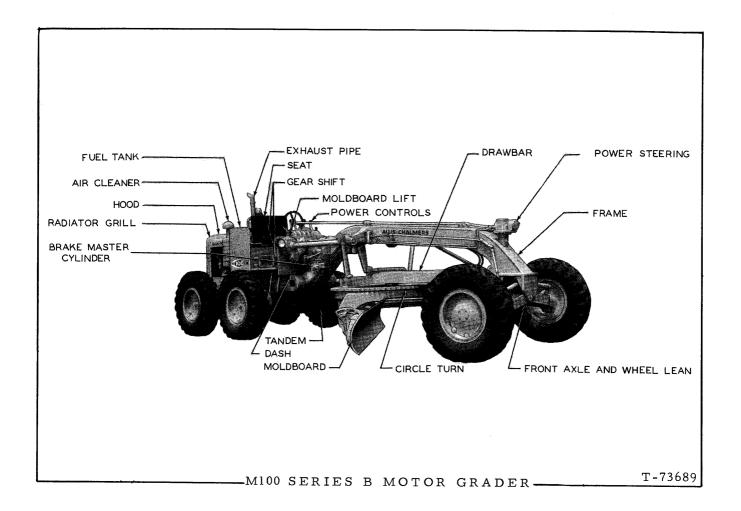
PACKAGED PARTS (Continued)

| | PACKA | GED PARTS (Continued) |
|-------------------|--|--|
| PACKAGE NUMBER | DESCRIPTION | |
| | | |
| 7 4359122 | | rmediate, cylinder block (Graders #1209 and up)(Cont'd) |
| | 1 7 4346744 | GASKET, water pump |
| | 1 74347031 | GASKET, water by-pass flange |
| | 1 7 4347120 | GASKET, timing hole cover) Discard |
| | 1 7 4348126 | GASKET, timing gear cover |
| | 1 7 4348136 1 7 4348184 | GASKET, timing gear housing |
| | 1 7 4348184 1 7 4348185 | GASKET, filter head to block GASKET, oil cooler water inlet |
| | 2 7 4348215 | GASKET, oil pipe |
| | 1 7 4348218 | GASKET, oil pipe |
| | 1 7 4354163 | GASKET, timing gear cover |
| | 1 7 4354304 | GASKET, fan hose bracket (Discard) |
| | 1 7 4354415 | GASKET (Discard) |
| | 1 7 4362458 | GASKET, oil pump cover (Discard) |
| | 2 7 4373069 | GASKET, oil pan cover (Discard) |
| | GASKET KIT, turb | ocharger (See TURBOCHARGER section) |
| 7 0651180 | | T, engine (Graders prior to #1209) |
| | 1 70051110 | BLOCK, pedal stop |
| | 1 7 0077341 | CLIP, tube supporting |
| | 4 70078810 | PIN, yoke |
| | 1 7 0085038 | PIN, yoke |
| | 1 7 0242038 | PIN, shut-off cable |
| | 2 7 0628736 | YOKE, control rod |
| | 1 7 0628737 1 7 0628738 | YOKE, control rod |
| | 1 7 0628738 2 7 0639314 | PIN, control rod yoke CLIP, cable supporting |
| | 1 70646631 | NUT, cable supporting (welds to seat and tank assy.) |
| | 1 7 0659123 | CABLE ASSY., engine shut-off control |
| | 1 70650317 | BRACKET, cable supporting |
| | 1 7 0650318 | HOSE, fuel supply |
| | 1 7 0650436 | ROD, throttle control |
| | 1 7 0650439 | ROD, throttle control |
| | 1 7 0650445 | ROD, throttle control |
| | 1 7 0650447 | BELLCRANK ASSY. |
| | 1 7 0650484 | TUBE, fuel pressure gauge |
| | 1 7 0650495 | TUBE, fuel pressure gauge |
| | 1 7 0658356 1 7 0666557 | GAUGE, fuel pressure HOSE, fuel return |
| | 1 7 0917649 | PIN, yoke |
| | 1 7 0919062 | CONNECTOR, flare type, 3/8" tube, 1/4 "NPT male |
| | 1 7 0919140 | CONNECTOR, flare type, 1/4" tube, 1/4"NPT male |
| | 1 7 0919171 | CONNECTOR, flare type, 1/4" tube, 1/8"NPT male |
| | 1 70919174 | CONNECTOR, flare type, 1/4" tube, 1/8"NPT female |
| | 1 70919214 | UNION, flare type, 1/4" tube |
| | 1 7 0923178 | CONNECTOR, flare type, $3/8$ " tube, $1/4$ "NPT female |
| | 1 | LOT OF MISC. ATTACHING HARDWARE |
| 7 4359601 | | EVE KIT (Engines prior to #10-11022. If replacing entire |
| | | N AND SLEEVE KIT 74359602 and GASKET KIT 74359410) |
| | 2 74255465 | RETAINER, piston pin |
| | 1 74336578 | RING SET, piston |
| | 1 7 4337395 2 7 4337972 | PIN, piston O-RING, cylinder sleeve |
| | 1 74358730 | PISTON |
| | 1 74359581 | SLEEVE, cylinder |
| | 1 7 4359586 | O-RING |
| 74359602 | | EVE KIT (Effective with engine #10-11022) |
| | 2 7 4255465 | RETAINER, piston pin |
| | 1 7 4336578 | RING SET, piston |
| | 1 7 4337395 | PIN, piston O BINC, avlinder alegue |
| | 2 74337972 1 74358730 | O-RING, cylinder sleeve PISTON |
| | 1 7 4359582 | SLEEVE, cylinder |
| | 1 7 4359586 | O-RING, cylinder sleeve |
| | | |

9

PACKAGE PARTS

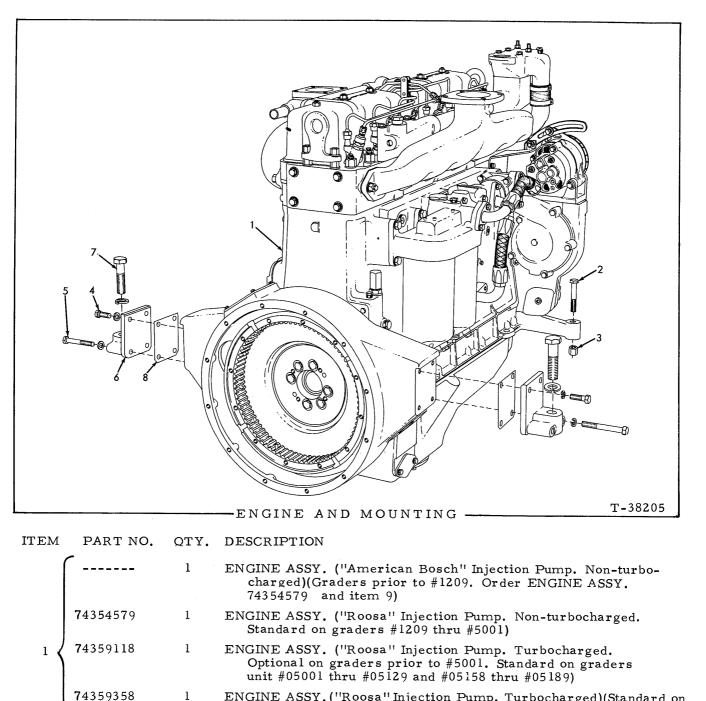
| PACKAGE | | | |
|----------|---|--|--|
| NUMBER | DESCRIPTION | | |
| | | | |
| | REPAIR KIT, brake booster (See page 156) | | |
| | | ke master cylinder (See page 157) | |
| | REPAIR KIT, clutch booster (See page 111) | | |
| | RING SET, piston (See PISTON AND CONNECTING ROD) | | |
| | TOOL SET (See T | • | |
| | TRANSFER SET | See PAINTING AND MARKING) | |
| 74221100 | | | |
| 74321189 | ENGINE OIL PUMP KIT (Adapts ACULOP scavenging and oil | | |
| | | to engines prior to serial No. 11-24134) | |
| | 1 70035250 | | |
| | 1 70667252 | | |
| | | LOCKWASHER, 3/8" | |
| | | LOCKWASHER, 7/16" | |
| | | LOCKWASHER, 3/8" | |
| | | WASHER | |
| | 29 70913544 | | |
| | 22 70914847 | | |
| | 4 70916271 | | |
| | 4 70916279 | | |
| | 8 70916543 | | |
| | 2 70916871 | | |
| | 1 70919784 | | |
| | 4 70921076 | | |
| | 1 70921204 | | |
| | 2 70921565 | | |
| | 8 70923193 | | |
| | 2 70928212 | NUT, 7/16" NC | |
| | 1 70930924 | O-RING | |
| | 5 74255916 | CAPSCREW, Nylon strip, $3/8"$ NC x 1" | |
| | 1 74320597 | VALVE ASSY., pressure relief | |
| | 1 74320838 | ELBOW | |
| | 1 74320839 | TUBE | |
| | 1 74320885 | TUBE | |
| | 1 74320887 | | |
| | 1 74320916 | | |
| | 1 74321052 | ELBOW | |
| | 1 74321053 | U-BOLT | |
| | 1 74321691 | BRACKET | |
| | 1 74321186 | | |
| | 1 74321399 | OIL PUMP ASSY., w/GEAR | |
| | 1 74337740 | | |
| | 1 74337741 | PLATE | |
| | 4 74393359 | GASKET | |
| | 2 74395024 | DOWEL | |
| | 1 74347543 | GASKET | |
| | 1 OA-8673 | DRAWING | |
| | | | |



MEMO

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MEMO



- 1 ENGINE ASSY. ("Roosa" Injection Pump. Turbocharged)(Standard on graders unit #05130 thru #05157; also #05190 thru #06588)
- 74359736 1 ENGINE ASSY. ("Bosch-Germany" Injection Pump. Turbocharged) (Standard on graders unit #06589 and up)

| 2 | 7 0915985 | 2 | CAPSCREW, $5/8$ "NF x 3-1/2" |
|---|---------------------------|---|---------------------------------|
| 3 | 7 00 72 366 | 2 | NUT, high, 5/8"NF |
| 4 | 7 0915987 | 4 | CAPSCREW, $1/2$ "NC x $1-1/2$ " |
| 5 | 7 0914399 | 4 | CAPSCREW, $1/2$ "NC x 3-3/4" |
| | 7 0904208 | 8 | LOCKWASHER, 1/2" |

<u>NOTE:</u> Each engine assembly listed above includes oil filter, oil cooler and fuel filter but is less air cleaner, fan, starter and muffler.

(Continued)

ENGINE AND MOUNTING (Continued)

| ITEM | PART NO. | QTY. | DESCRIPTION |
|--------|----------------------------------|-------------|--|
| 6 7 | 70085769 70012762 70905347 | 2 2 2 | BRACKET, engine supporting, front CAPSCREW, 7/8"NF x 3-1/4" LOCKWASHER, 7/8" |
| 8 | 70 089617 | 2 | SHIM, spacing $(1/32"$ thick. Use as req'd) |
| 9 | 70651180 | 1 | INSTALLATION KIT, engine (See PACKAGED PARTS for details) |

Fiat Allis M100 M100b Motor Grader Parts Catalog

Full download: http://manualplace.com/download/fiat-allis-m100-m100b-motor-grader-parts-catalog/

