940

MUSTANG SKID STEER LOADER

OPERATOR'S MANUAL

PART #000-11883

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Mustang 940 Skid Steer Loader Operator Manual

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Models: 940

Machine: Skid Steer Loader

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Sample pages follow. Full manual: machinecatalogic.com

SAFETY RECOMMENDATIONS

CHANGING TIRES AND WHEELS - Never cut or weld on the rim or rim parts of a mounted or inflated tire. Position jacks stands or supports and test for stability before working under jacked-up equipment. ANYTHING GOING UP WILL SOONER OR LATER COME DOWN.

SAFE TIRE AND RIM REPAIR - Always deflate a tire before removing nails, spikes or other objects from the tire carcass. Never remount a tire on a damaged rim. Refer to tire manufacturer's instructions for correct mounting and inflation procedures. BLOW UP THE TIRE - NOT YOURSELF.

STARTING AND TESTING - HANDLE STARTING FLUID WITH CAUTION. STARTING FLUIDS ARE HIGHLY FLAMMABLE. DO NOT OPERATE IN ENCLOSED AREAS. Follow the fluid manufacturer's instructions for use and disposal of any starting fluid containers.

Exhaust funes are deadly gases. Engines soon burn up the air if in an enclosed building and it is replaced with the exhaust fumes which can kill. Even a little can be injurious. ENGINES NEED AIR TO LIVE. DON'T LET THE ENGINE HAVE YOUR SHARE.



SAFE MAINTENANCE

BEFORE YOU DO ANYTHING ELSE - If your machine becomes disabled, attach a warning tag to the steering lever and remove the ignition key. Do not perform any maintenance on your equipment without specific authorization. Plan your work. IF YOU DO NOT KNOW WHAT YOU ARE DOING - DON'T DO IT.

PREPARE YOURSELF - PROTECT YOUR EYES - Wear eye protection. Wear safety glasses or goggles to protect your eyes from anti-freeze, fuel or solvents. Wear goggles or a face-shield when you grind or drill on metal parts. Wear a proper helmet or goggles when you weld, cut or burn. DON'T TRADE YOUR EYES FOR A WHITE CANE.



PREPARE THE REPAIR WORK AREA - Choose the cleanest, most level work area available. Make sure there is enough room and adequate light and ventilation. Keep the floor and work surface clean. Wipe up oil and grease and sand slippery areas. Make sure you have the correct tools and keep them clean. Be sure the necessary jacks and hoists are in good order. Don't do any heavy lifting alone.

A GOOD MECHANIC CAN BE IDENTIFIED BY THE CONDITION OF HIS TOOLS.

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OPERATION

Before you start:

1. Read the operator's manual completely and be sure you understand all the instructions.

   Be especially sure to follow all the safety instructions.

2. Fill the machine with fuel.

   WARNING! The engine should be off and cooled down before adding fuel! Area should be well ventilated and away from sparks or open flame.

3. Check the service schedule and be sure all the items which need service are done.

4. Sit in seat and fasten seat belt snugly. Be sure parking brake is engaged and all controls are in the neutral position.

5. Look around to see that no one is near the machine where they might get hurt.

Starting:



CAUTION! Never start the engine unless you are in the operator's seat with the seat belt fastened.

IMPORTANT! To avoid overheating starter, do not crank the engine for more than 20-25 seconds at a time. Wait 2 minutes between starting attempts so the battery can recuperate and the starting motor can cool. If the engine will not start, see trouble shooting sections.

STARTING DIESEL ENGINE

1. BE sure the shutoff lever is pushed in.

2. The diesel engine in this machine uses a direct injection combustion chamber design. It is equipped with a pre-heater, (installed in intake manifold).

   The pre-heat system should be used in cold start conditions when the ambient temperature is 23° F. or less. Hold the pre-heat button in for approximately 30 seconds before trying to start the engine.

3. Crank the engine and continue to push the pre-heat button until engine is running.

   CAUTION! If a battery charger is used, it must be disconnected when the pre-heater is used - otherwise the pre-heaters can burn out.

   NEVER USE STARTING FLUID ON DIESEL ENGINES!

Jump Starting:

If it is necessary to use an additional battery, connect as follows:

1. Connect the positive cable to the positive terminal of the battery first.

2. Connect the negative cable to either the engine block or the frame.

   • Never crank the engine more than 25 seconds or the starter may be burned out. Allow 2 minutes for the starter to cool between attempts.

   • Gas from electrolyte is explosive. Keep battery away from sparks or fires.

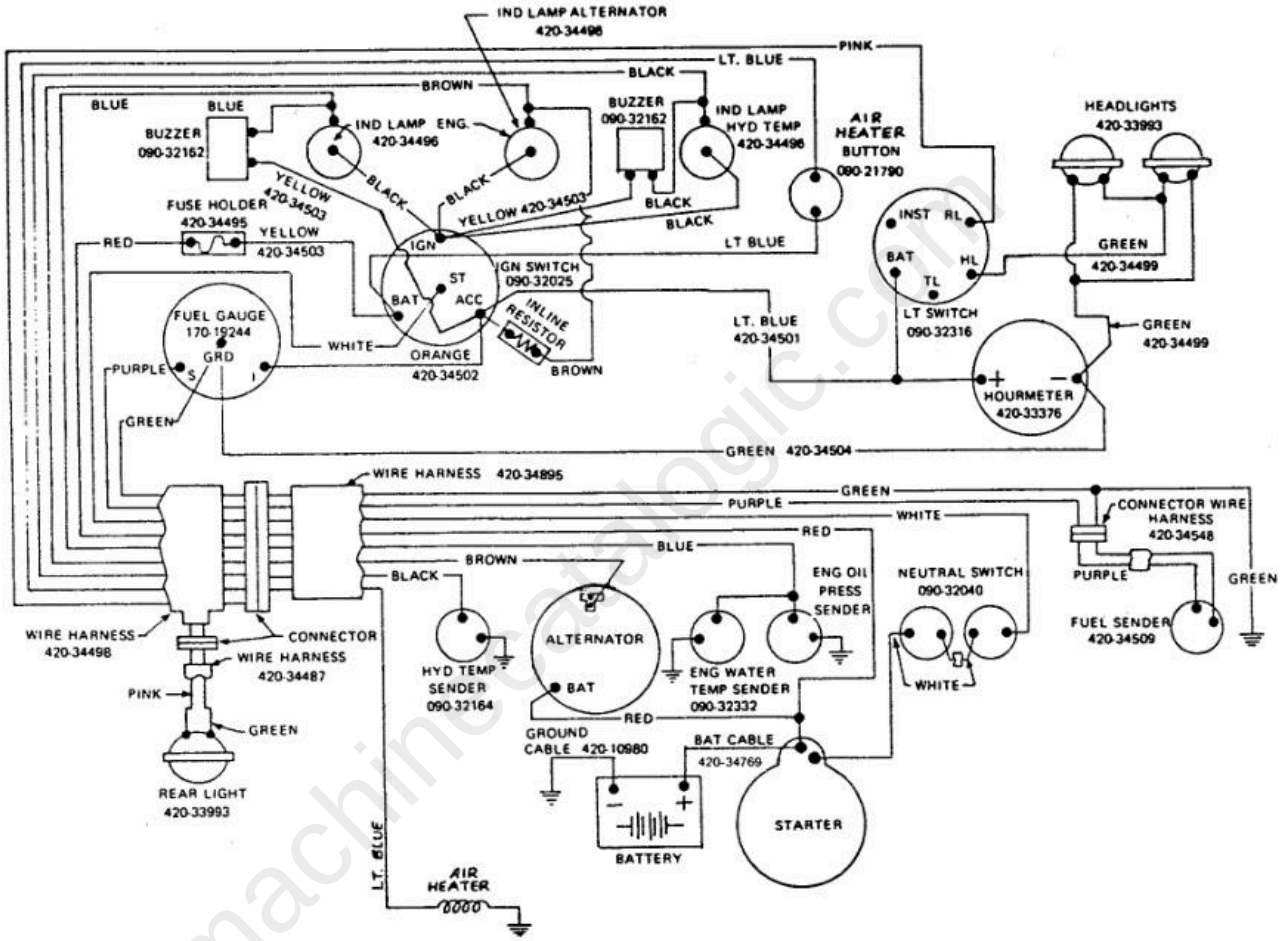
IMPORTANT! Allow at least 10 minutes warmup time with engine at half-throttle when machine has been started in cold weather. This is necessary to assure proper oil circulation before using the hydraulic controls or driving the machine. The engine and drive system should not be operated at full speed until the machine is warm enough to allow use of the lift arm without causing pump noise.

During the first 50 hours of operation the engine may consume more oil, may smell hot, etc. This is normal. The engine should not be allowed to idle over 30 minutes.

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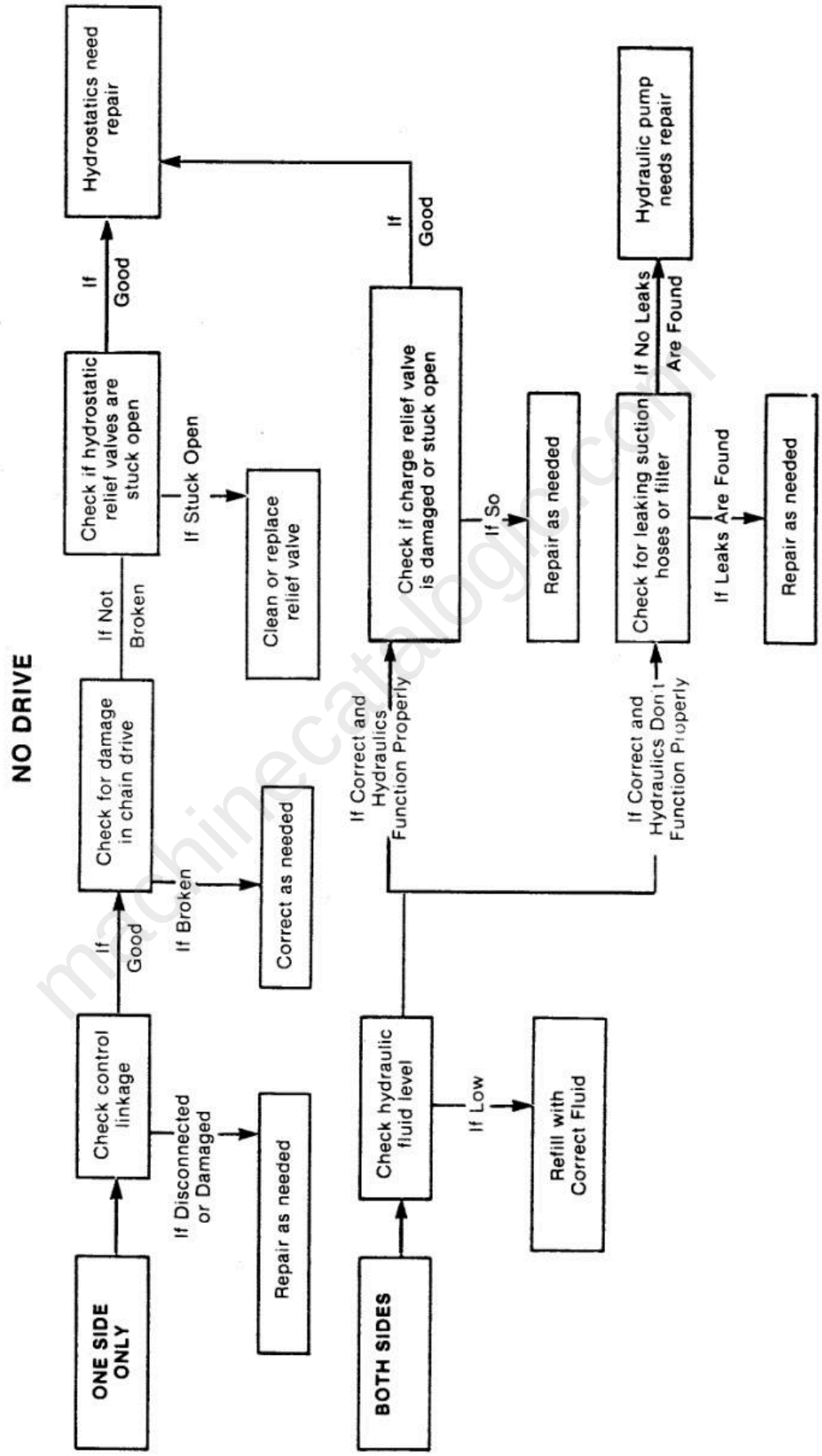
WIRING DIAGRAM (DIESEL)

Note: Jumper wire Engine to Frame 420-34556



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HYDROSTATIC DRIVE SYSTEM



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