2044
2054
MUSTANG SKID-STEER LOADER

OPERATOR'S MANUAL

#917099/GP0310

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Mustang 2044 and 2054 Skid Steer Loader Operator Manual

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Machine: Skid Steer Loader

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Main contents

- Introduction
- Safety
- Controls and Safety Equipment
- Operation
- Service
- Troubleshooting
- Maintenance
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- Torque Specifications
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Sample pages follow. Full manual: machinecatalogic.com

- Mustang skid-steer loaders are designed and intended to be used only with Mustang attachments or approved referral attachments. Mustang cannot be responsible for operator safety if the loader is used with a non-approved attachment.
- Always face the loader and use the hand holds and steps when getting on and off the loader. Do not jump off the loader.

- KNOW THE WORK CONDITIONS
  - For each material to be handled, the operator must know how to avoid exceeding the Rated Operating Load (SAE) of the Mustang Loader. For example, in handling certain loose material with a given bucket, operators must know if they can safely take a full load, or only part of a bucket load.
  - The operator must know any prohibited uses or work areas, for example, excessive slopes, explosive environments, etc.
  - Wear tight fitting clothing. Always wear safety glasses when maintaining or servicing a Mustang Loader. Safety glasses, hearing protection or other special equipment may be required for some work. See your authorized Mustang dealer about optional Mustang safety equipment.
  - A qualified operator must not use drugs or alcoholic drinks that will cause impaired alertness or coordination while working. An operator taking prescription drugs must seek medical advice to determine if the operator can safely run the machine.
  - Machine stability is affected by: the load being carried, the height of the load, machine speed, abrupt control movements and driving over uneven terrain. DISREGARDING ANY OF THESE FACTORS CAN CAUSE THE LOADER TO TIP, THROWING THE OPERATOR OUT OF THE SEAT OR LOADER, RESULTING IN DEATH OR SERIOUS INJURY. Therefore, ALWAYS operate with the seat belt fastened and the restraint bar lowered. Do not exceed the machine's Rated Operating Load. Carry the load low. Move the controls smoothly and gradually, and operate at speeds appropriate for the conditions.

Fire Prevention

The Mustang Skid-Steer Loader has several components that are at high temperature under normal operating conditions. The primary source of heat is the engine and its exhaust system. The electrical system, if damaged or incorrectly maintained, can be a source of arcs or sparks.

Flammable debris (leaves, straw, etc.) must be removed regularly. If flammable debris is allowed to accumulate, it will increase the fire risk. The Mustang Loader must be cleaned as often as necessary to avoid this accumulation. Flammable debris in the engine compartment is a fire hazard when the loader is parked with a hot engine.

The spark arrestor muffler is designed to control the emission of hot particles from the engine and exhaust system, but the muffler and the exhaust gases are still hot.

Engine Speed Control

The engine speed control (Figure 18) is at the right side of the operator's seat. Engine speed is controlled by moving the control forward to increase the engine speed and rearward to decrease the engine speed.



Figure 18 Engine Speed Control

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Attachments and Buckets

The Mustang loader is equipped with a two-pin Multi-Tach™ or optional single-pin Fast-A-Tach™ system.

An authorized Mustang dealer can identify, for each Mustang skid-steer loader model, the attachments and buckets approved by Mustang Manufacturing Company, Inc. The buckets and attachments are approved for Rated Operating Capacity and for secure fastening to the attachment mounting system.

⚠ WARNING Never use attachments or buckets that are not approved by Mustang Manufacturing Company, Inc. Buckets and attachments for safe loads of specified densities are approved for each model. Unapproved attachments can cause injury or death.

The Rated Operating Load for the Mustang Loader is shown on a label in the operator cab (Also see the *Specifications* section, (pages 85-95). It is based on SAE rating methods, using flotation style tires and matching construction bucket sized for typical density materials such as soil or dry gravel. If longer buckets are used and load center moves forward, the Rated Operating Load is reduced. If very dense material is loaded, the volume must be reduced. (Refer to *Common Materials and Densities* table on page 97 and *Bucket Capacities* tables on page 96 for further information).

Exceeding the Rated Operating Capacity can cause the following problems:

1. Difficult steering.
2. Excessive tire wear.
3. Loss of stability, causing the machine to tip over when lifting or carrying the load.

Use the correct size bucket for the type and density of material being handled. For safe handling of materials and to avoid machine damage, the attachment (or bucket) should handle a full load without going over the Rated Operating Capacity for the loader. Partial loads make steering more difficult.

2044 and 2054 Optional Counter Weight Kit

An optional counter weight kit is available to increase the load rating of the model 2044 and 2054 machines. The weight kit should not be used with tracks or solid rubber tires. Total machine weight (mass) including attachment and weight kit must not exceed rating on the ROPS identification plate. See page 96 for bucket capacities.

See *Specifications* section, (pages 85-95), for ISO and additional load ratings.

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Electrical System

Description

The Mustang Loader has a 12 volt, negative ground alternator charging system. The electrical system is protected by fuses and a resettable circuit breaker, which is located in the engine compartment. The fuses and breaker in the electrical system will protect it when there is an electrical overload. The reason for an overload must be found before proceeding to further operate the machine.

Fuse Location

The electrical fuses for the Mustang Loader are located to the left of the instrument panel. In addition, there is a 35 AMP main circuit breaker located in the engine compartment (Figure 90).

A relay for operating a high amperage circuit for the air preheater is also located inside the module containing the circuit breaker.

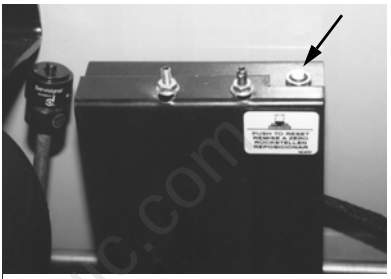


Figure 90

Servicing the Electrical System – Battery Removal and Installation

1. Open the rear door. Lift the engine cover.
2. Disconnect the negative (-) battery cable.
3. Disconnect the positive (+) battery cable.
4. Remove the battery hold-down clamp.
5. Remove the battery.
6. Always clean the terminals and cable ends when installing a new battery.
7. Connect and tighten the battery cables.
8. Connect the negative (-) cable last to prevent sparks.

⚠ WARNING When removing or installing the battery in the Mustang Loader, do not touch any metal parts with the battery terminal posts.

Auto Shut Down (option)

See Instrument Panel. Instructions page 19, under Warning Light Cluster.

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MUSTANG MANUFACTURING COMPANY, INC.

WARRANTY

MUSTANG MANUFACTURING COMPANY, INC., hereinafter referred to as Mustang, warrants new Mustang equipment to the Original Retail Purchaser to be free from defects in material and workmanship for a period of twelve (12) months from the Warranty Start Date.

MUSTANG WARRANTY SERVICE INCLUDES:

Genuine Mustang parts and labor costs required to repair or replace equipment at the selling dealer's business location.

MUSTANG MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED (INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE), EXCEPT AS EXPRESSLY STATED IN THIS WARRANTY STATEMENT.

ANY OF THESE LIMITATIONS EXCLUDED BY LOCAL LAW SHALL BE DEEMED DELETED FROM THIS WARRANTY; ALL OTHER TERMS WILL CONTINUE TO APPLY.

SOME STATES DO NOT PERMIT THE EXCLUSION OR LIMITATION OF THESE WARRANTIES AND YOU HAVE GREATER RIGHTS UNDER THE STATE LAW.

MUSTANG WARRANTY DOES NOT INCLUDE:

1. Transportation to selling dealer's business location or, at the option of the Original Retail Purchaser, the cost of a service call.
2. Used equipment.
3. Components covered by their own non-Mustang warranties, such as tires, batteries, trade accessories and engines.
4. Normal maintenance service and expendable, wear-out items.
5. Repairs or adjustments caused by: improper use; failure to follow recommended maintenance procedures; use of unauthorized parts or attachments; accident or other casualty.
6. Liability for incidental or consequential damages of any type, including, but not limited to lost profits and expenses of acquiring replacement equipment.

No agent, employee or representative of Mustang has any authority to bind Mustang to any warranty except as specifically set forth herein.

Full Version Available

Mustang 2044 and 2054 Skid Steer Loader Operator Manual

Mustang 2044 and 2054 skid steer loader operator manual, pub. 917099 Rev. G: controls, daily checks, service schedule, specs. Instant PDF download.

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