800Z

Compact Excavator

Serial Numbers 00701 and Up

OPERATOR'S MANUAL

PART #50940212

Revision A - 01/14

(English)

machinecatalogic.com

Mustang 800Z Compact Excavator Operator Manual (50940212A)

Document type: Operator Manual (operation, controls, safety and routine maintenance)

Brand: Mustang

Models: 800Z

Machine: Compact Excavator

Publication No.: 50940212 (Rev. A)

Edition date: January 2014

Serial numbers: Serial Numbers 00701 and Up

Language: English

Main contents

- 1. Introduction
- 2. Safety Information
- 3. Product Overview
- 4. Operation License
- QUICK GUIDE
- SAFETY
- 1. Basic Precautions
- 2. Operating Precautions
- 3. Precautions for Servicing
- 4. Safety Messages (Warning Labels)
- OPERATION
- 1. Identification of Important Parts
- 2. Description of Control Devices
- 3. Operating Instructions
- 4. Transportation
- 5. Care and Service in Cold Weather
- 6. Long-term Storage
- 7. Troubleshooting
- MAINTENANCE
- 2. Basic Servicing Practices
- 3. Consumables
- 7. Maintenance Table
- 8. Procedures for Maintenance
- SPECIFICATIONS AND DIMENSIONAL DIAGRAMS
- OPTIONAL PARTS AND ATTACHMENTS
- 1. General Precautions
- APPENDIX TABLE

machinecatalogic.com

Sample pages follow. Full manual: machinecatalogic.com

■ Engine Warranty Coverage

This warranty is transferable to each subsequent purchaser for the duration of the warranty period. Repair or replacement of any warranted part will be performed at an authorized dealer or distributor.

Warranted engine parts not scheduled for replacement as required maintenance in the Operation Manual shall be warranted for the warranty period. Warranted parts scheduled for replacement as required maintenance in the operation manual are warranted for the period of time prior to the first scheduled replacement. Any part repaired or replaced under warranty shall be warranted for the remaining warranty period.

During the engine warranty period, Yanmar is liable for damages to other engine components caused by the failure of any warranted part during the warranty period.

Any replacement engine part which is functionally identical to the original equipment part in all respects may be used in the maintenance or repair of your engine, and shall not reduce Yanmar's warranty obligations.
Add-on or modified engine parts that are not exempted may not be used. The use of any non-exempted add-on or modified engine parts shall be grounds for disallowing a warranty.

■ Warranted Engine Parts

The engine warranty covers engine components that are a part of the emission control system of the engine as delivered by Yanmar to the original retail purchaser. Such components may include the following:

- Fuel injection system
- Electronic control system
- Cold start enrichment system
- Intake manifold
- Turbocharger systems
- Exhaust manifold
- EGR system
- Positive crankcase ventilation system
- Hoses, belts, connectors and assemblies associated with emission control systems

Since emissions-related parts may vary slightly between models, certain models may not contain all of these parts and other models may contain the functional equivalents.

■ Exclusions

Failures other than those arising from defects in material and / or workmanship are not covered by the engine warranty. The warranty does not extend to the following: malfunctions caused by abuse, misuse, improper adjustment, modification, alteration, tampering, disconnection, improper or inadequate maintenance or use of non-recommended fuels and lubricating oils; accident-caused damage, and replacement of expendable items made in connection with scheduled maintenance. Yanmar disclaims any responsibility for incidental or consequential damages such as loss of time, inconvenience, loss of use of equipment / engine or commercial loss.

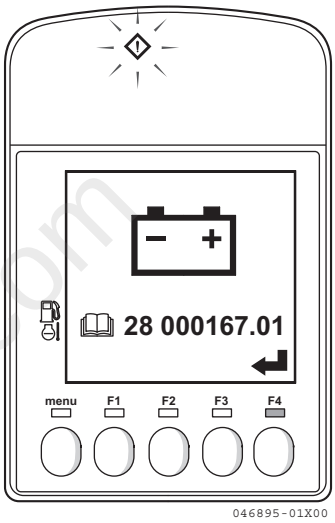
■ Owner's Warranty Responsibilities

As the engine owner, you are responsible for the performance of the required maintenance listed in your owner's manual. Yanmar recommends that you retain all documentation, including receipts, covering maintenance on your non-road compression-ignition engine, but Yanmar cannot deny warranty solely for the lack of receipts, or for your failure to ensure the performance of all scheduled maintenance.

machinecatalogic.com

The buzzer stops sounding after 2 seconds. However, if the starter switch is left in the “ON” position without the engine being started, current continues to flow.
Leaving the machine in such a state for a prolonged period of time will cause the battery to run down. Whenever the machine is not in use, make sure that the starter switch is in the “OFF” position.

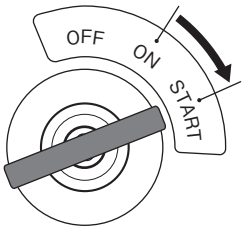
2. If there are problems with the machine or if there is some information such as maintenance notices, problem or information details are displayed.



When there are problems with the machine:
Icons and error codes representing error details are displayed on the LCD screen and the warning or caution lamp flashes depending on the error.
If an error is displayed, do not start the engine and immediately check the error for details to take necessary corrective measures.
Icons displayed on the screen are listed in the table below.
If an error other than the following is displayed, contact the nearest dealer.

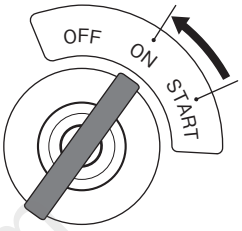
machinecatalogic.com

3. Turn the starter switch key in the starter switch **2** to the "START" position to start the engine.



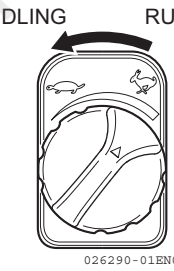
047112-01X00

4. After the engine has started, release the starter switch key.
The starter switch key will return to the "ON" position by itself.

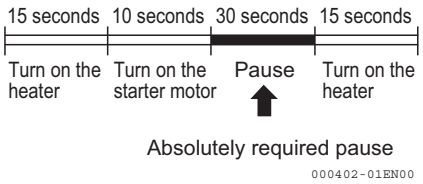


047113-01X00

5. When the engine speed has increased, turn the engine control dial to the IDLING position.



026290-01EN00



000402-01EN00

IMPORTANT

To protect the starter motor and the battery:

- **Do not keep the starter switch key in the "START" position for more than 10 seconds.**
- **If the engine fails to start, do not start the engine immediately again, but set the switch to the "OFF" position and wait for approximately 30 seconds, then start the engine again.**
- **Traveling or operating the machine without adequate warming in cold weather may adversely affect the machine performance.**

machinecatalogic.com

- Antirust
  When stored near the sea or in a place exposed to sea breezes, the machine easily becomes rusty. Carefully apply an antirust to all exposed parts of the piston rods and cover the machine with a polyethylene sheet or oil paper.

Recommended antirust	Manufacturer
P-1300 (Solvent cutback rust preventive oil)	JX Nippon Oil & Energy corporation
P-3 (Solvent cutback rust preventive oil)	
P-300 (Solvent cutback rust preventive oil)	Cosmo Oil

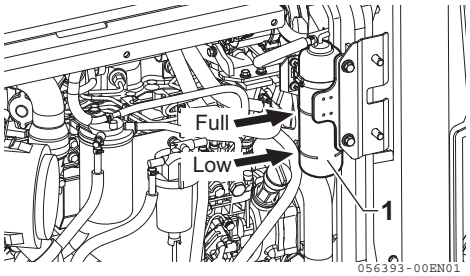
Some antirust solvent damages rubber materials. Be sure to use the recommended antirust or its equivalent.

- To prevent condensation inside the fuel tank, either drain the fuel tank or fill the tank completely.

machinecatalogic.com

7. When the cooling system is filled with water, remove the drain plug, idle the engine and flush the cooling system with running water until clean water comes out.
   While flushing with running water, always keep the cooling system completely filled with water by regulating the amounts of water to be drained out and poured in.
   Hold the water supply hose securely while flushing with running water.
8. After flushing with running water, stop the engine, drain the cooling system completely and then install the drain plug.
9. Pour water mixed with anti-freeze into the water supply port of the radiator, to fill it up.
10. To bleed air, idle the engine for 5 to 6 minutes and then run the engine without load at high speed for 5 to 6 minutes. (While running the engine, keep the radiator cap removed.)
11. Approximately 5 minutes after stopping the engine, pour water mixed with anti-freeze up to the water supply port of the radiator, and install and tighten the cap.

12. Drain the cooling water from the sub-tank **1**, wash the inside of the sub-tank **1** and pour water mixed with anti-freeze up to the "FULL" level.



machinecatalogic.com

machinecatalogic.com

Full Version Available

Mustang 800Z Compact Excavator Operator Manual (50940212A)

Mustang 800Z compact excavator operator manual 50940212A, serial 00701 and up. Safety, controls, maintenance table, torque, specs. Instant PDF download.

VIEW THE FULL MANUAL

https://machinecatalogic.com/mustang-800z-compact-excavator-operator-manual-50940212a/

Publication No.: 50940212 (Rev. A) · Language: English · Edition: January 2014