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1900R | 1900R (EU)
1900R X-Series

2200R | 2200R (EU)
2200R X-Series

2600R | 2600R (EU)
2600R X-Series



Skid-Steer Loader
Operator's Manual

50950108 Rev. K 05/21

Original Instructions

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Mustang 1900R, 2200R and 2600R Skid Steer Loader Operator Manual (50950108K)

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Brand: Mustang

Models: 1900R, 2200R and 2600R

Machine: Skid Steer Loader

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Information Center Electronic Display (cont.)

SPN #	PGN #	Description	Icon
185	65266	Engine Average Fuel Economy	
190	61444	Engine Speed	
191	61442	Transmission Output Shaft Speed	
246	65255	Total Vehicle Hours	
247	65253	Engine Total Hours of Operation	
441	65164	Auxiliary Temperature 1	
512	61444	Driver's Demand Engine - Percent Torque	
513	61444	Actual Engine - Percent Torque	
517	65256	Navigation-Based Vehicle Speed	
523	61445	Transmission Current Gear	
524	61445	Transmission Selected Gear	

SPN #	PGN #	Description	Icon
975	65213	Estimated Percent Fan Speed	
1032	65201	Total ECU Distance	
1081	65252	Engine Wait to Start Lamp	
1387	65164	Auxiliary Pressure #1	
1761	65110	Catalyst Tank Level	
1762	61448	Hydraulic Pressure	
3031	65110	Catalyst Tank Temperature	
3241	64948	Aftertreatment 1 Exhaust Gas Temperature 1 (upstream)	
3245	64947	Aftertreatment 1 Exhaust Gas Temperature 3 (downstream)	
3697*	64892	Particulate Trap Lamp Command	
3700*	64892	Particulate Trap Active Regeneration Status	

SPN #	PGN #	Description	Icon
3701*	64892	Particulate Trap Status	
3703*	64892	Particulate Trap Active Regeneration Inhibited Due to Inhibit Switch	

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Note: *When the key is turned to the RUN position, an indicator lamp will light on the instrument panel and a buzzer will sound momentarily to remind users to fasten the seatbelt.*

4. Turn the key to the START position.

Note: *If temperature is below 32° F (0° C), see Cold-Starting Procedure, on page 46.*

Important: *Do not engage the starter for longer than 15 seconds at a time. Longer use can overheat and damage the starter. If the engine fails to start within 15 seconds, return the key to the OFF position or check for engine error codes. Allow the starter to cool for 20 seconds and repeat step 4.*

After the engine starts, allow a five minute low idle warm-up period before operating the controls.

Important: *Avoid extended engine idling after the engine reaches normal operating temperature to prevent frequent DPF regenerations. If the indicator warning lamps do not go off, stop the engine and investigate the cause.*

Cold-Starting

If the temperature is below 32° F (0° C), the following is recommended to make starting the engine easier:

- Replace the engine oil with API-CJ-4/SAE 5W-30 oil as recommended by the viscosity chart;
- Make sure the battery is fully charged;
- Install a block heater on the engine.

Let the engine run for a minimum of five minutes to warm the engine and hydraulic fluid before operating the loader. A block heater is recommended for starting in temperatures of 14° F (-10° C) or lower. See your dealer for heater options.

Cold-Starting Procedure

⚠ WARNING Do not use starting fluid (ether) with pre-heat systems. An explosion can result, which can cause engine damage, injury or death.

1. Turn the key to the RUN position. If the preheat lamp symbol on the indicator and warning lamp display comes on, wait for this symbol to go out.
2. Immediately turn the key to the START position.
3. If engine does not start, return key to OFF position and repeat steps 1 and 2.
4. If equipped with the optional Power-A-Tach System, activate the warming circuit.

Important: *During cold start conditions, the recommended limit of continuous starter engagement is 15 seconds and the starter must never be energized for more than 30 seconds. If the starter is energized for 20-30 seconds, the loader should be turned off for one minute or longer. To protect the starter (DPF Models), the E-ECU system turns off the starter circuit if it is energized for 30*

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Hydraulic System

Problem	Possible Cause	Remedy
Bucket will not tilt, lift arm works properly.	Tilt spool in control valve not actuated or leaking.	Check tube connections to valve.
Lift arm does not raise, bucket tilt works properly.	Lift spool in control valve not actuated or leaking.	Check tube connections to valve.
Lift arm does not maintain raise position with left control in NEUTRAL.	Oil leading past lift cylinder seals (internal or external).	Contact your dealer.
	Oil leaking past lift spool in control valve.	Contact your dealer.
	Self-leveling valve malfunctioning.	Contact your dealer.
	Leaking hydraulic hoses, tubes or fittings between control valve and cylinders.	Inspect hoses and tubes, tighten fittings as needed. Replace as needed.
Lift arm will not lower or raise.	Lift arm support device engaged.	Raise lift arm and remove support device.
	Restraint bar not lowered.	Lower restraint bar.
	Seat or restraint bar switch malfunction.	Contact your dealer.
Auxiliary hydraulics do not function.	Restraint bar raised.	Lower the restraint bar.
	Pilot solenoids malfunctioning.	Check electrical connections to pilot solenoids, repair connections as needed. If still not functioning properly, contact your dealer.
	Control handle malfunctioning.	Contact your dealer.
	Auxiliary hydraulic control module malfunctioning (located behind swell latch panel at operator's right foot area).	Contact your dealer.
	Restraint bar or seat switch malfunctioning.	Contact your dealer.
High-flow auxiliary functions slowly.	Low engine speed.	Operate engine at higher speed.
	Hydraulic oil level low.	Add oil.
	Hydraulic oil viscosity too heavy.	Allow longer warm-up, or replace oil with proper viscosity oil.

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Full Version Available

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Mustang 1900R, 2200R, 2600R skid steer loader operator manual 50950108K (May 2021): controls, service intervals, specs, troubleshooting. Instant PDF download.

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