175ORT
SN 30870 and Before

210ORT
SN 40420 and Before

Compact Track Loaders

OPERATOR'S MANUAL

PART #50940023

Revision E - 03/13

(English - Original Instructions)

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Mustang 1750RT and 2100RT Compact Track Loader Operator Manual

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Brand: Mustang

Models: 1750RT and 2100RT

Machine: Compact Track Loader

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Main contents

- Delivery Checklists
- Introduction
- Safety
- Specifications
- Controls
- Operation
- Maintenance
- Troubleshooting
- Schematics

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Sample pages follow. Full manual: machinecatalogic.com

Specifications

Payloads/Capacities

NOTE: *Pallet fork load center is the distance from the front face of the forks to the center of mass of the load.*

Table 4: Payloads/Capacities (Dirt/Construction Buckets)

	1750RT	**2100RT**
SAE Rated Operating Capacity @ 35% (standard counterweight)	794 kg (1750 lbs.)	953 kg (2100 lbs.)
SAE Rated Operating Capacity @ 50% (standard counterweight)	1134 kg (2500 lbs.)	1361 kg (3000 lbs.)
SAE Rated Operating Capacity @ 35% (optional counterweight)	841 kg (1855 lbs.)	1000 kg (2205 lbs.)
SAE Rated Operating Capacity @ 50% (optional counterweight)	1202 kg (2650 lbs.)	1429 kg (3150 lbs.)
SAE Tipping Load (standard counterweight	2268 kg (5000 lbs.)	2722 kg (6000 lbs.)
SAE Tipping Load (optional counterweight)	2404 kg (5300 lbs.)	2858 kg (6300 lbs.)

Table 5: Payloads/Capacities (Pallet Forks - 48 in. [1229 mm])

15.7 in. (400 mm) Load Center per EN 474-3	**1750RT**	**2100RT**
SAE Rated Operating Capacity @ 35% (standard counterweight)	603 kg (1330 lbs.)	781 kg (1722 lbs.)
SAE Rated Operating Capacity @ 50% (standard counterweight)	862 kg (1900 lbs.)	1116 kg (2460 lbs.)
SAE Rated Operating Capacity @ 35% (optional counterweight)	651 kg (1435 lbs.)	829 kg (1827 lbs.)
SAE Rated Operating Capacity @ 50% (optional counterweight)	930 kg (2050 lbs.)	1184 kg (2610 lbs.)
SAE Tipping Load (standard counterweight	1724 kg (3800 lbs.)	2231 kg (4919 lbs.)
SAE Tipping Load (optional counterweight)	1860 kg (4100 lbs.)	2367 kg (5219 lbs.)
19.7 in. (500 mm) Load Center per EN 474-3		
SAE Rated Operating Capacity @ 35% (standard counterweight)	582 kg (1282 lbs.)	738 kg (1627 lbs.)
SAE Rated Operating Capacity @ 50% (standard counterweight)	831 kg (1831 lbs.)	1054 kg (2324 lbs.)
SAE Rated Operating Capacity @ 35% (optional counterweight)	629 kg (1387 lbs.)	786 kg (1732 lbs.)
SAE Rated Operating Capacity @ 50% (optional counterweight)	899 kg (1981 lbs.)	1122 kg (2474 lbs.)
SAE Tipping Load (standard counterweight	1661 kg (3662 lbs.)	2108 kg (4648 lbs.)
SAE Tipping Load (optional counterweight)	1797 kg (3962 lbs.)	2244 kg (4948 lbs.)
24 in. (610 mm) Load Center per SAE J1197		
SAE Rated Operating Capacity @ 35% (standard counterweight)	533 kg (1176 lbs.)	692 kg (1525 lbs.)
SAE Rated Operating Capacity @ 50% (standard counterweight)	762 kg (1680 lbs.)	988 kg (2179 lbs.)
SAE Rated Operating Capacity @ 35% (optional counterweight)	581 kg (1281 lbs.)	739 kg (1630 lbs.)
SAE Rated Operating Capacity @ 50% (optional counterweight)	830 kg (1830 lbs.)	1052 kg (2329 lbs.)
SAE Tipping Load (standard counterweight	1524 kg (3360 lbs.)	1976 kg (4357 lbs.)
SAE Tipping Load (optional counterweight)	1660 kg (3660 lbs.)	2112 kg (4657 lbs.)

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Opening/Closing the Cab Door (Option)

Operate the door latch outside the cab using button (Z, Fig 36) on the exterior door handle.



Fig. 36 – Cab Exterior Door Handle

Lock/unlock the door using the ignition key in the key slot in button (Z).

Operate the door latch inside the cab by lifting lever (Y, Fig 37) located along the interior door frame.



Fig. 37 – Cab Interior Door Lever

Seat Adjustment

Adjust the operator's seat according to "Operator's Seat" on page 55.

⚠ WARNING

Never adjust the seat when the machine is in operation. Adjust the seat only when the machine is stopped and the parking brake is applied.

All controls must be within easy reach. The operator must be able to move the throttle pedal and the control joysticks through the complete range of motion.

After adjustments, make sure levers for seat adjustments are fully engaged before using the machine.

Seat Belt

Fasten the seat belt around your hips and waist and insert tongue (A, Fig 38) into buckle (B) until it clicks securely in place. Slack in the seat belt should automatically retract into seat belt spool (K).

⚠ WARNING

Never operate the machine without the seat belt fastened. Repair or replace any damaged seat belt and lock parts before operation.

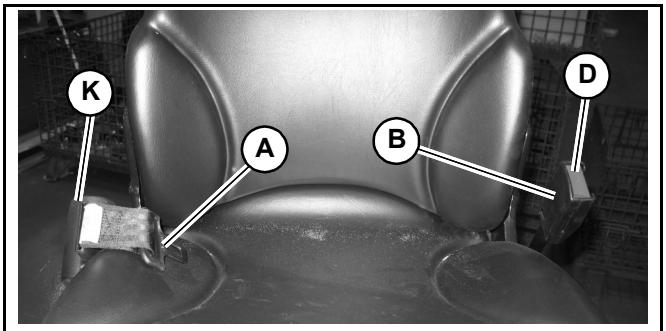


Fig. 38 – Seat Belt

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Fuses and Relays

IMPORTANT: *Blown fuses indicate electrical system malfunctions. Determine what caused the fuse to blow and repair the problem before replacing the fuse.*

Engine Compartment Fuses/Relays

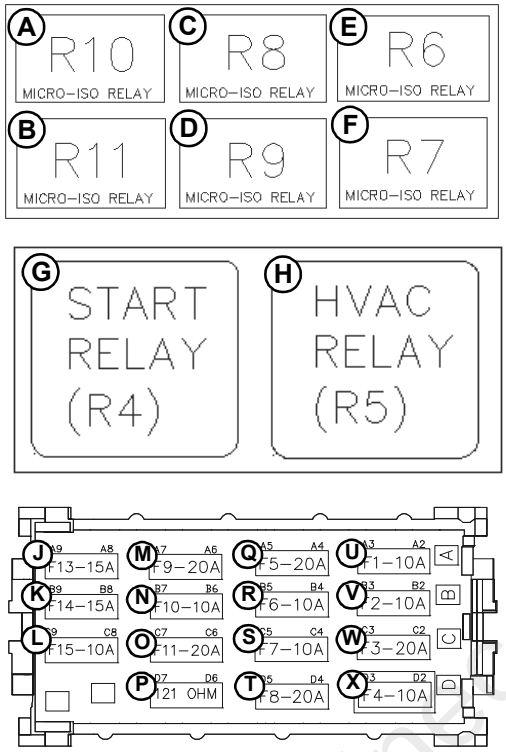


Fig. 116 – Fuses – Engine Compartment

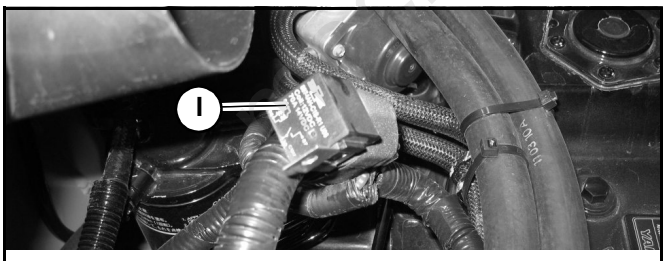


Fig. 117 – Engine Pre-heat Relay

Table 38: Engine Compartment Relays/Fuses

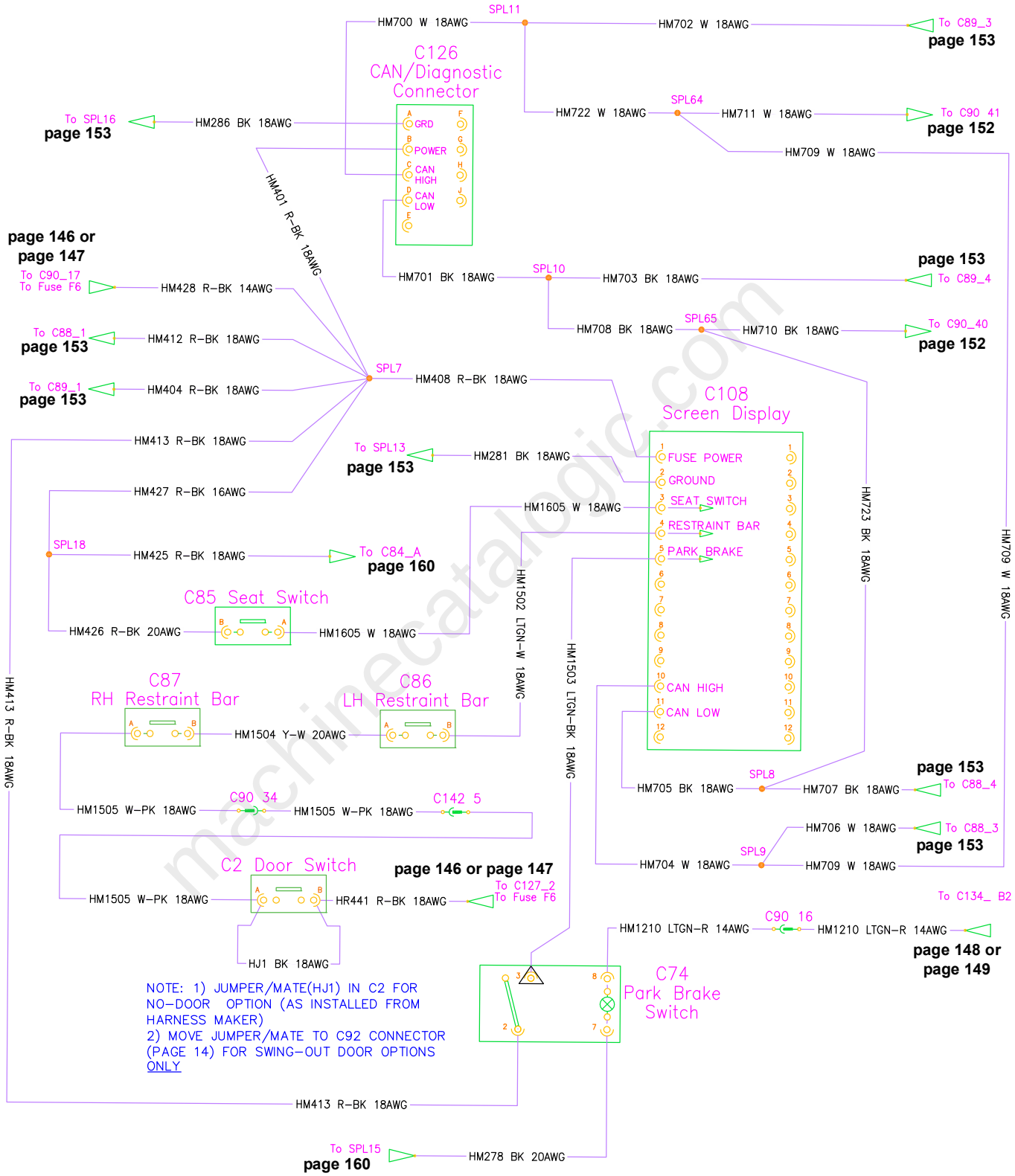
Relay	Circuit
A	Wiper Motors
B	Parking Brake Switch
C	Work Lights
D	Drive, Tilt (Controller 2)
E	Fuel Injection Pump

Table 38: Engine Compartment Relays/Fuses

F		Air Conditioning Condenser Fan
G		Start
H		HVAC
I		Engine Pre-Hea
Fuse/ Resister	**Rated Current / Resistance (A / Ω)**	**Protected Circuit**
J	15A	Track Tension, Self Level
K	15A	Headlights
L	10A	Rear Door/Beacon Lights, Radio
M	20A	Work Lights
N	10A	Auxiliary Power Outlets
O	20A	Wipers
P	120Ω	Resistor, Oil Pressure Switch
Q	20A	Flasher Controller, Hazard Lights
R	10A	Display, Joysticks, Seat/Door Switches
S	10A	Fuel Pump, Power Splice
T	20A	HVAC Condenser
U	10A	Power/Relays, Main/Drive Logic Control Module
V	10A	Interlocks, 2-Speed, Hydraglide™, Lift, Tilt (Controller 3)
W	20A	Lift, Standard/High-Flow Aux. Hydraulic Controllers (Controller 1 & High-Flow Module)
X	10A	Brake Lights, Power-A-Tach® Quick Attach System Hitch Switch

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Operator CAN Interface



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