

Summary Report for Individual Task
551-88H-1532
Operate 5K Light Capacity Rough Terrain Forklift (LCRTF) Without a Load
Status: Approved

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD5 - This product/publication has been reviewed by the product developers in coordination with the Transportation School, Fort Lee, VA 23801 foreign disclosure authority.

This product is releasable to students from all requesting foreign countries without restrictions.

Condition: Assigned as a Rough Terrain Forklift Operator given a requirement to operate a 5K Light Capacity Rough Terrain Forklift (LCRFT) without a load in an operational environment, day or night, in normal weather conditions, a completed risk assessment, safety briefing, safety clothing, hearing protection, a 5K (LCRFT), and TM 10-3930-680-10. This task should not be trained in MOPP 4.

Standard: Operate the 5K Light Capacity Rough Terrain Forklift (LCRFT) without a load without injury to personnel or damage to equipment.

Special Condition: None

Safety Risk: Medium

MOPP 4: Never

Task Statements

Cue: You are a Rough Terrain Forklift operator tasked with operating a 5K LCRFT without a load.

DANGER
Adhere to all DANGER statements listed in the equipment or vehicle technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

WARNING
Your hearing can be PERMANENTLY DAMAGED if exposed to constant high noise levels of 85 dB or greater. Hearing loss occurs gradually, but becomes permanent overtime. Vehicle operators and maintenance personnel require at least single hearing protection while operating vehicle with the engine running. Failure to comply may result in injury to personnel.

CAUTION
If this is the first time starting the vehicle, perform PMCS before interval checks. Failure to comply may result in damage to equipment.

Remarks: None

Notes: None

Performance Steps

1. Start the engine.

Note: Prior to this task, all PMCS and safety checks will have been performed.

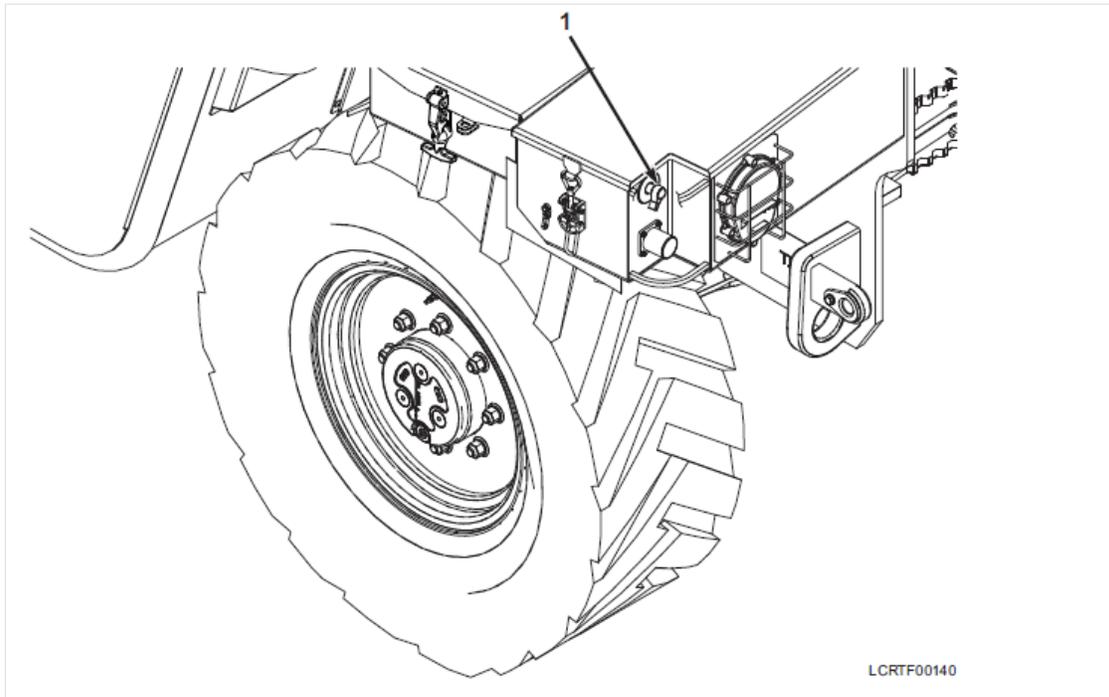


Figure 1-1
Battery Disconnect Switch

a. Move battery disconnect switch to ON position (see Figure 1-1, Item 1).

b. Fasten seat belt (see Figure 1-2, Item 1).

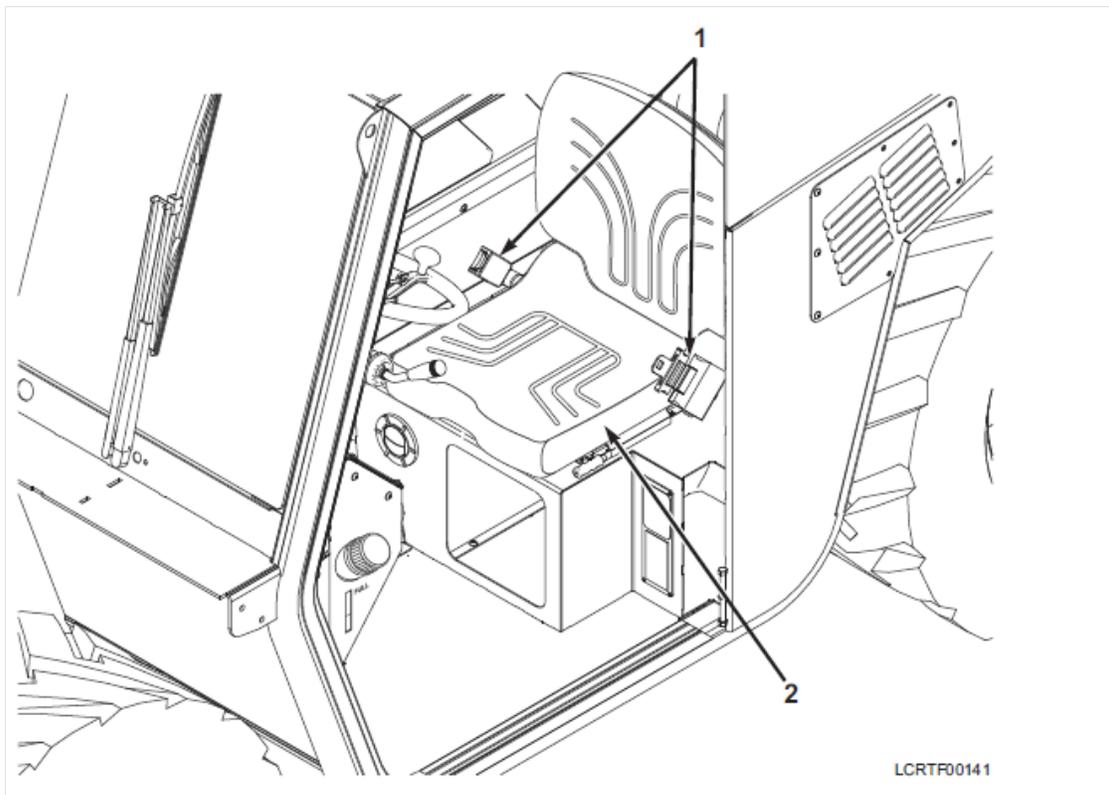


Figure 1-2
Fasten Seat Belt

c. Adjust operator seat so that when seat belt is buckled, foot pedals can still be operated (see Figure 1-2, Item 2).

CAUTION

Do not crank engine continuously for more than 30 seconds. Allow the starter to cool for two minutes before cranking the engine again. Failure to comply may result in damage to equipment.

d. Turn the ignition switch clockwise to the IGN/START position (see Figure 1-3, Item 5) . Release the switch as soon as the engine starts. If the engine fails to start on the first try, wait until engine and starter have come to a complete stop. Then, return the switch to the OFF position before attempting to start engine again.

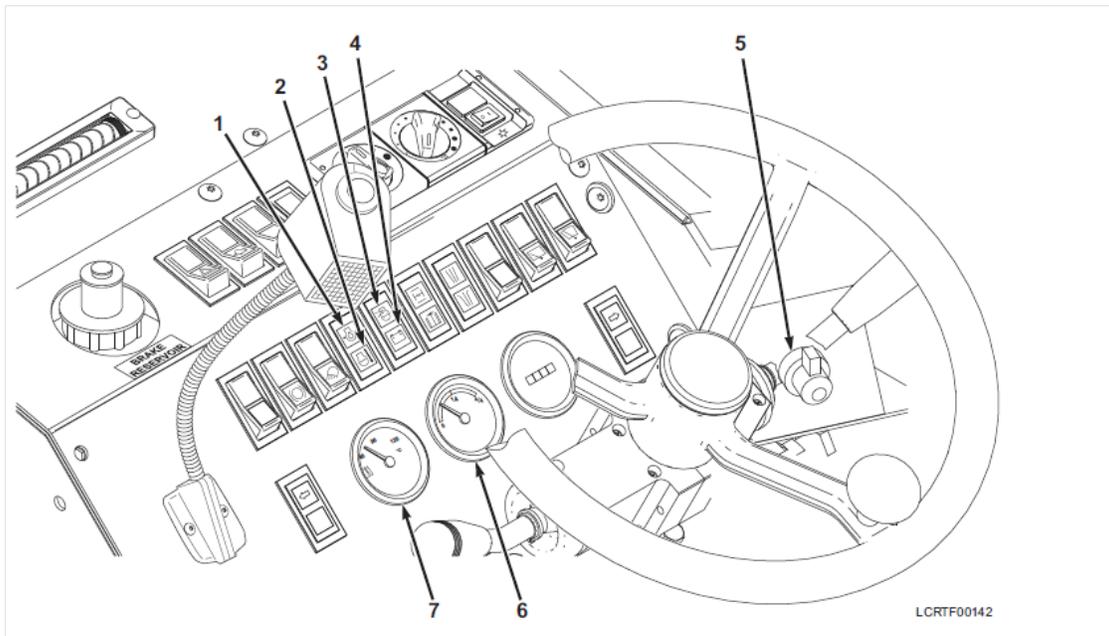


Figure 1-3
Start Engine

e. After engine starts, return accelerator pedal to idle position for approximately 3 minutes. Ensure that readings on gauges (see Figure 1-3, Item 6 and 7) are within normal operating ranges and warning lights (see Figure 1-3, Items 1, 2, 3, and 4) are not illuminated before moving vehicle.

WARNING

Do not exceed 10 mph (16 kph) when travelling on unimproved surfaces. Failure to comply may result in injury or death to personnel.

2. Move forklift in two-wheel steer mode.

WARNING

Vehicle is less stable when traveling with load in a raised position. If you must move vehicle with load raised above carry position (bottom of load at 24 in. (610 mm) above ground), the following practices should be observed: • Fully retract boom. • Forks slightly tilted back (3-5 degrees). • Avoid sharp turns and sudden starts/stops. • Operate all controls smoothly. • Move very slowly. • Keep vehicle level. • Use a ground guide. Failure to comply may result in injury or death to personnel.

a. Perform complete walk around to ensure wheel chocks have been removed and stored, and that there are no obstacles near vehicle.

b. Raise forks so load is approximately 24 in. (610 mm) off ground.

WARNING

Do not travel with the Automatic Fork level switch in the ON position. This could cause a load to be dropped.

c. Align rear wheels.

WARNING

Do not operate with the emergency steer switch OFF. If engine power is lost, there will be a loss of emergency steering capacity. Failure to follow this procedure could result in injury or death to personnel.

d. Set STEER MODE switch (see Figure 2, Item 1) to two-wheel steer mode (down) position. Two-wheel steer mode indicator (see Figure 2, Item 2) will illuminate.

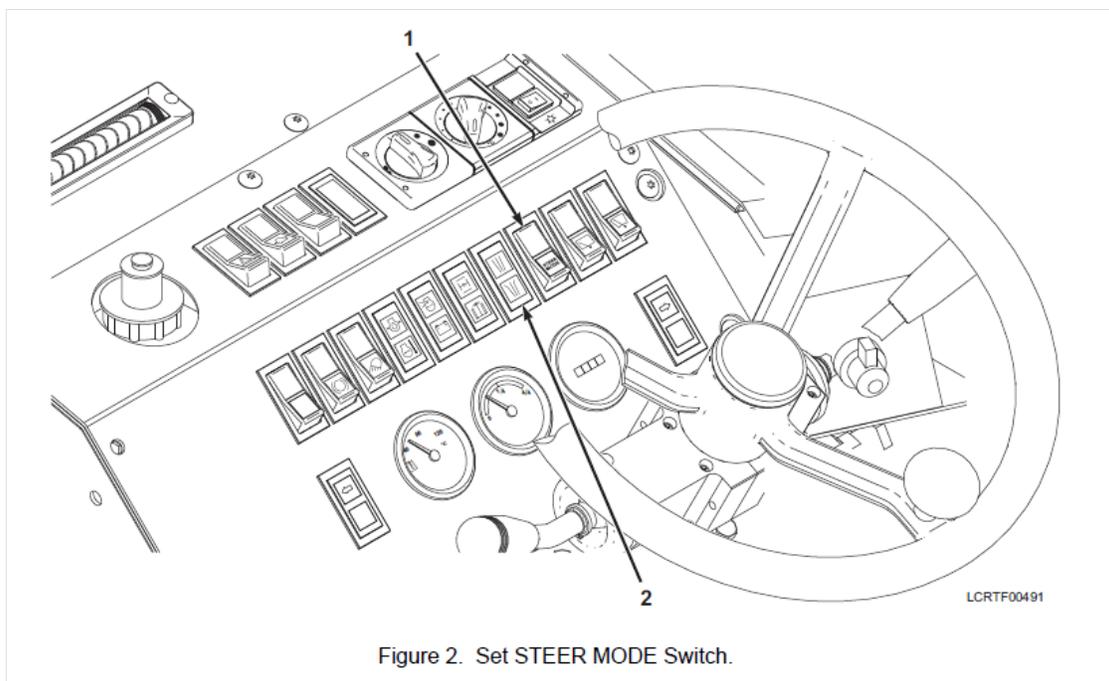


Figure 2. Set STEER MODE Switch.

e. Press and hold brake pedal (see Figure 3, Item 4).

f. Press parking brake switch (see Figure 3, Item 1) up to release parking brake.

WARNING

• Prior to moving vehicle or operating boom, ensure boom has at least 10 ft (3 m) of clearance from overhead wires, power lines, or structures. If lines are near your operating area, notify your supervisor prior to operating boom. Failure to comply may result in injury or death to personnel. • Keep personnel clear of vehicle when traveling. Failure to comply may result in injury or death to personnel.

CAUTION

Prior to moving vehicle, ensure operator's door window is fully closed or locked in open position. An unsecured door or window can swing causing glass to break. Failure to comply may result in damage to equipment.

g. Press DRIVE/WORK switch (see Figure 3, Item 2) to drive mode (up) position.

CAUTION

When traveling over rough terrain, reduce travel speed to avoid damage to vehicle or load. Failure to comply may result in damage to equipment.

h. Place gear selector lever (see Figure 3, Item 5) in up position to move vehicle (see Figure 3, Item 6) forward.

i. Release brake pedal (see Figure 3, Item 4) and slowly press accelerator pedal (see Figure 3, Item 3) to obtain desired speed.

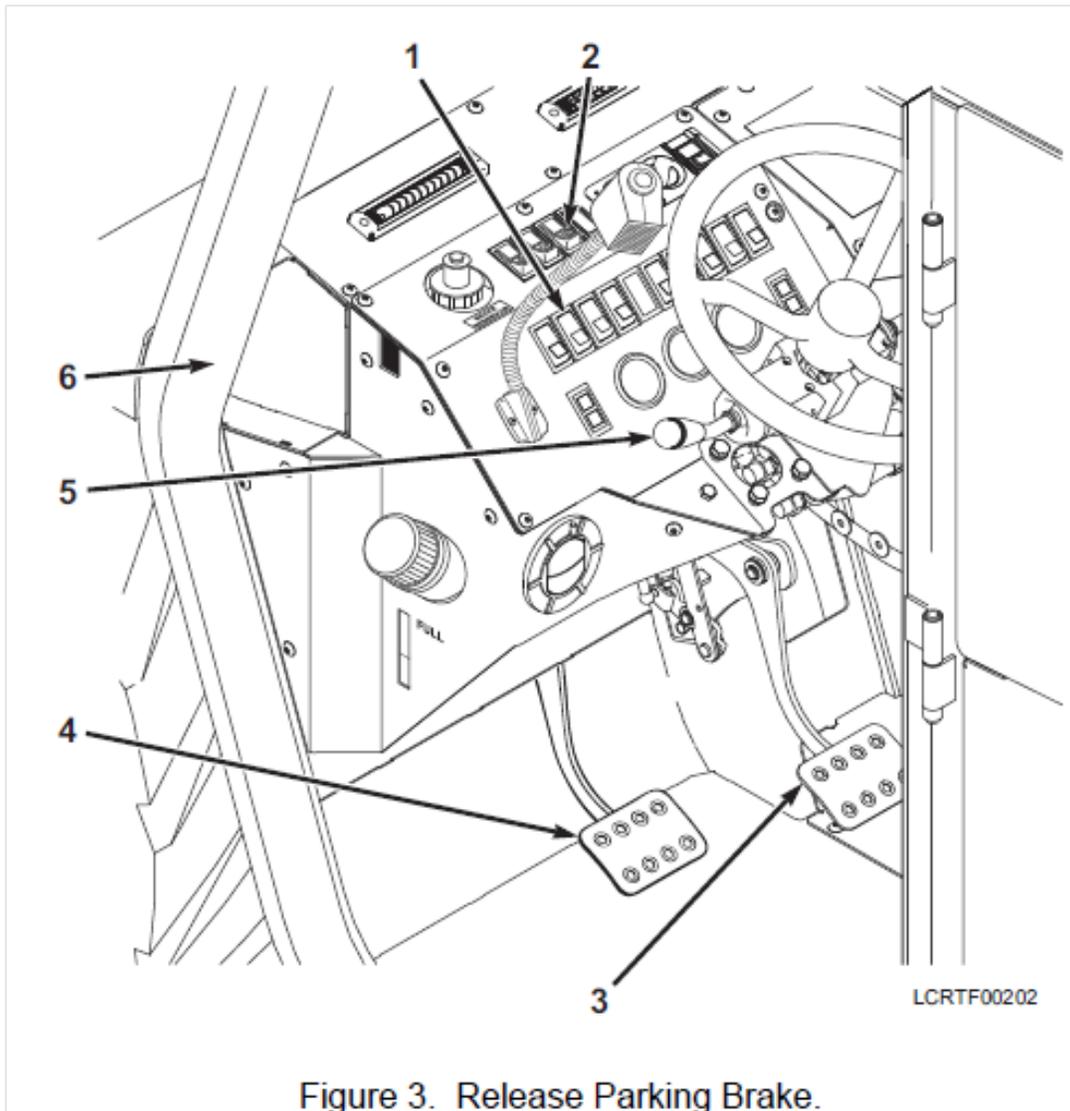


Figure 3. Release Parking Brake.

3. Operate forklift in reverse.

Note: Reversing direction in vehicle is obtained the same way whether in two-wheel steer mode, four-wheel steer mode, or crab steer mode. Two-wheel steer mode shown.

a. Release accelerator pedal (see Figure 4, Item 1) and slowly apply brake pedal (see Figure 4, Item 2) until vehicle (see Figure 4, Item 4) comes to a complete stop.

b. Move gear selector lever (see Figure 4, Item 3) to reverse (down) position.

c. Release brake pedal (see Figure 4, Item 2) and slowly press accelerator pedal (see Figure 4, Item 1) to obtain desired speed.

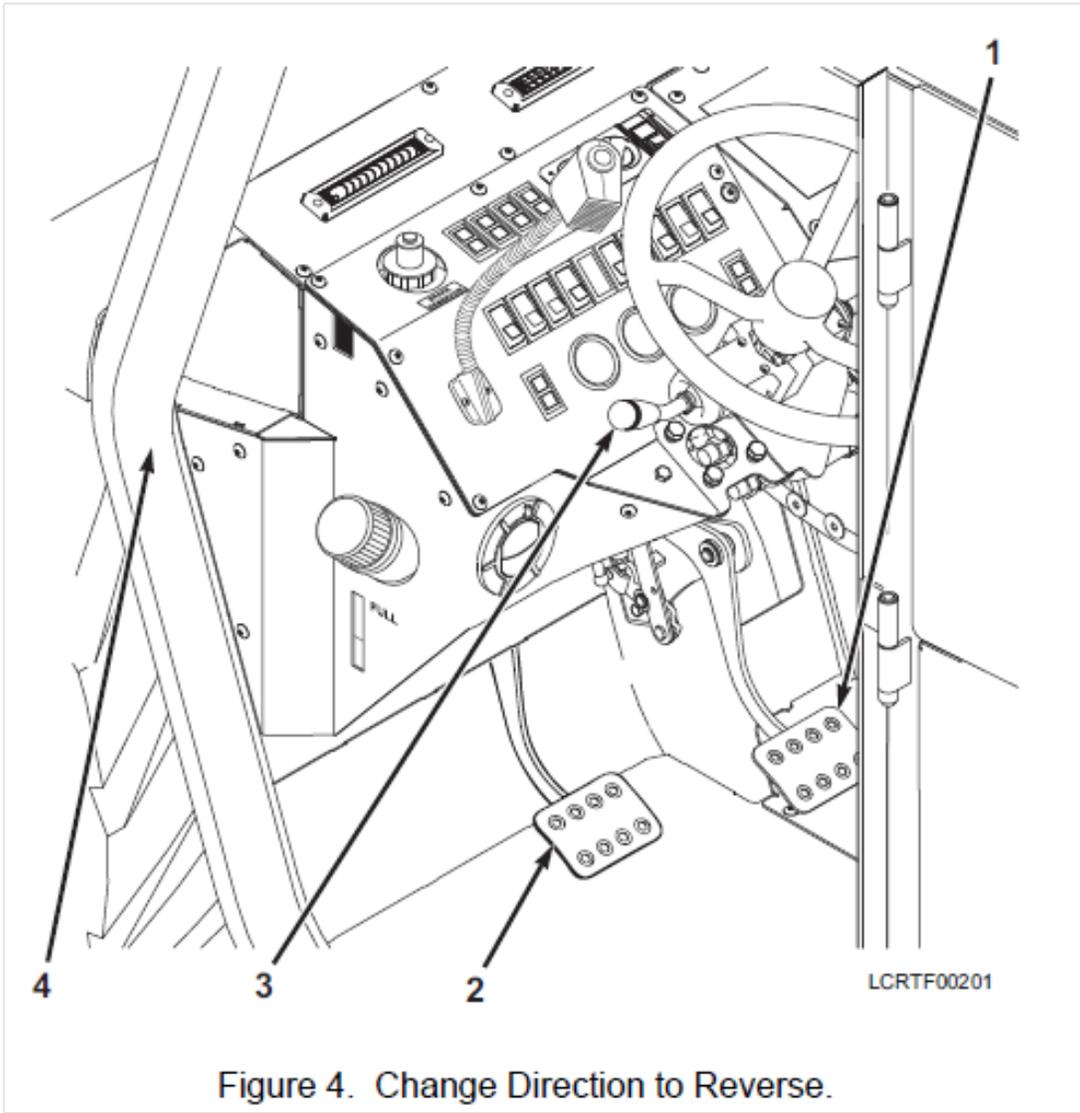
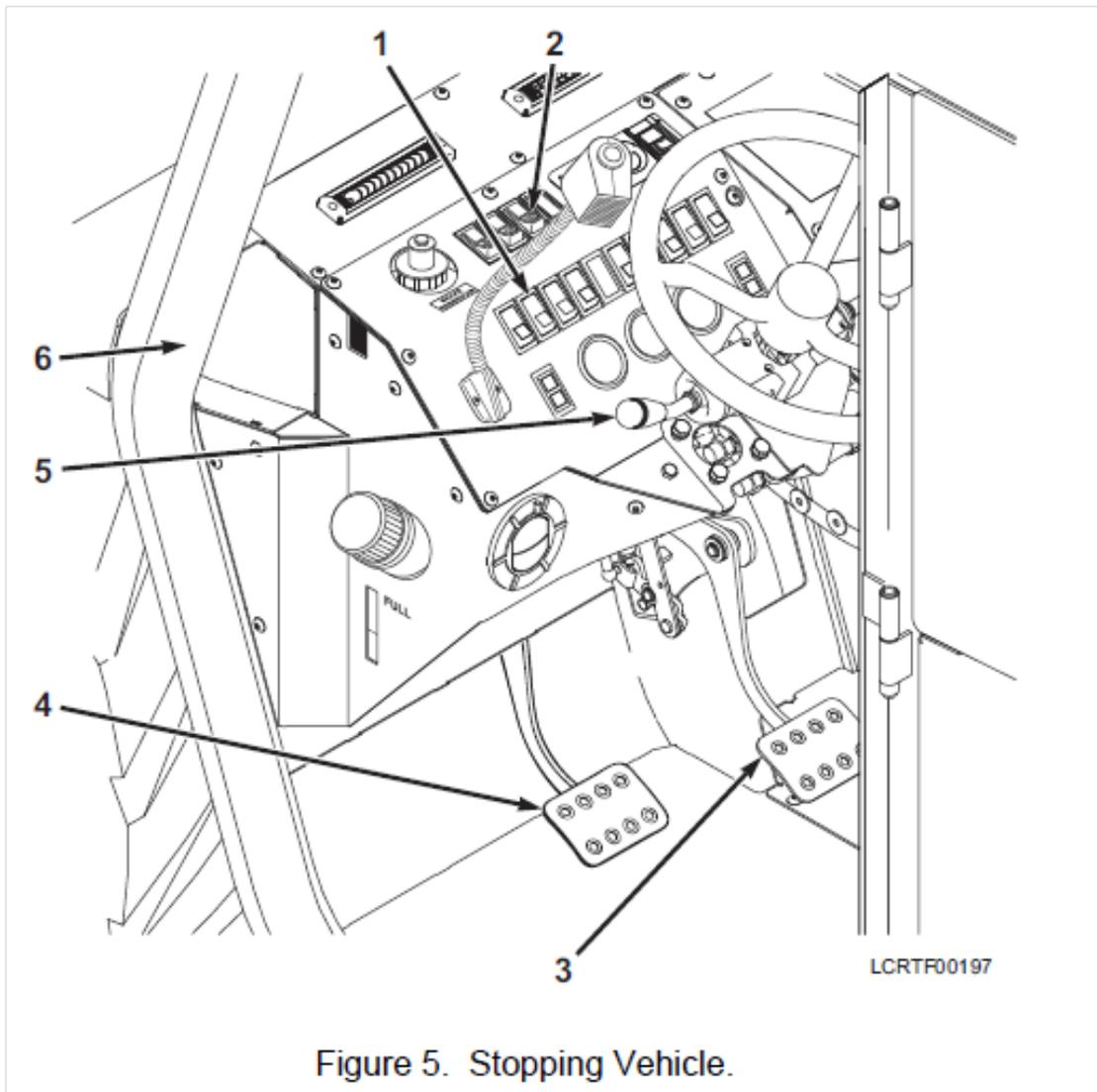


Figure 4. Change Direction to Reverse.

4. Stop forklift.



- a. Slowly release pressure on accelerator pedal (see Figure 5, Item 3).
 - b. Slowly apply brake pedal (see Figure 5, Item 4) until vehicle (see Figure 5, Item 6) comes to a complete stop.
 - c. Move gear selector lever (see Figure 5, Item 5) to neutral (middle) position.
 - d. Press parking brake switch (see Figure 5, Item 1) down to apply parking brake.
 - e. Press DRIVE/WORK switch (see Figure 5, Item 2) to work mode (down) position.
 - f. Lower forks flat to ground.
5. Stop the engine.
- a. Turn all lights and accessories off.
 - b. Allow engine to idle for three to five minutes.
 - c. Turn the ignition switch to the OFF position.

- d. Turn the auxiliary fuel shut-off switch to the OFF position.
- e. Perform after-operations PMCS.
- f. Lock the steering wheel with the steering wheel locking cable and lock.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the Soldier GO if all performance steps are passed (P). Score the Soldier NO-GO if any performance step is failed (F). If the Soldier fails any step, show what was done wrong and how to do it correctly.

Evaluation Preparation: Ensure that all materials required to perform the task are available. Tell the Soldier that he/she will be evaluated on operating a 5K LCRTF without a load.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Started the engine.			
2. Moved forklift in two-wheel steer mode.			
3. Operated forklift in reverse.			
4. Stopped forklift.			
5. Stopped the engine.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	LO 10-3930-680-13	LIGHT CAPABILITY ROUGH TERRAIN FORKLIFT (LCRTF) 5K	No	No
	TC 21-305-20	Manual for the Wheeled Vehicle Operator {AFMAN 24-306(I)}	Yes	No
	TM 10-3930-680-10	LIGHT CAPABILITY ROUGH TERRAIN FORKLIFT (LCRTF) 5K	Yes	No

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT.

AR 200-1 delineates TRADOC responsibilities to integrate environmental requirements across DOTMLPF and ensures all training procedures, training manuals, and training doctrine includes sound environmental practices and considerations. The Army's environmental vision is to be a national leader in environmental and natural resource stewardship for present and future generations as an integral part of all Army missions. Environmental protection is never completed. Continuously be alert to ways to protect our environment and reduce waste.

Leaders must ensure that their unit has an active and strong environmental program. They must understand the laws and know what actions to take. Leaders bring focus, direction, and commitment to environmental protection. Commanding officers should ensure the following environmental programs are in place and are being maintained:

- Hazardous materials program.
- Hazardous waste program.
- Hazardous communications program.
- Pollution prevention and hazardous waste minimization recycling program.
- Spill prevention and response plan program.

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and

Nuclear Decontamination.

All soldiers and leaders must maintain a proactive posture towards safety in day-to-day operations. The need for total commitment to safety should be evident to commanders, senior soldiers, and their subordinates. The importance of safety is intensified for personnel conducting Rough Terrain Forklift operations. Safety awareness is most effective at three levels: command, leader, and individual. Observe all Warnings and Cautions and remain aware of the following:

- Hearing protection requirements.
- Danger of suspended loads.

All operations will be performed to protect and preserve Army personnel and property against accidental loss. Procedures will provide for public safety incidental to Army operations and activities and safe and healthful workplaces, procedures, and equipment. Observe all safety and/or environment precautions regarding electricity, cable, and lines. Provide ventilation for exhaust fumes during equipment operation and use hearing protection when required IAW AR 385-10, the Clean Air Act (CAA) and the CAA amendments, and the OSHA Hazard Communication standard.

Accidents are an unacceptable impediment to Army missions, readiness, morale, and resources. Decision makers at every level will employ risk management approaches to effectively preclude unacceptable risk to the safety of personnel and property affiliated with this task.

- (a) Take personal responsibility.
- (b) Practice safe operations.
- (c) Recognize unsafe acts and conditions.
- (d) Take action to prevent accidents.
- (e) Report unsafe acts and conditions.
- (f) Work as a team.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks :

Task Number	Title	Proponent	Status
551-88H-1401	Perform Preventive Maintenance Checks and Services on Material Handling Equipment	551 - Transportation (Individual)	Approved
551-88H-1527	Communicate with Hand and Arm Signals During MHE Operations	551 - Transportation (Individual)	Approved
551-88H-1529	Prepare the 5K Light Capacity Rough Terrain Forklift (LCRTF) for Operation	551 - Transportation (Individual)	Approved

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-1-0001	Manage Container Operations	55 - Transportation (Collective)	Approved
55-5-0029	Conduct Container Operations	55 - Transportation (Collective)	Approved
55-2-4560	Transport Personnel and Light General Cargo	55 - Transportation (Collective)	Approved
55-2-1408	Conduct Cargo Transfer Operations.	55 - Transportation (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
MOS 88H - CARGO SPECIALIST SL4	Enlisted	MOS: 88H, Skill Level: SL4, Duty Pos: TGI
MOS 88H - CARGO SPECIALIST SL1	Enlisted	MOS: 88H, Skill Level: SL1, Duty Pos: TAZ
MOS 88H - CARGO SPECIALIST SL2	Enlisted	MOS: 88H, Skill Level: SL2, Duty Pos: ABW

MOS 88H - CARGO SPECIALIST SL3	Enlisted	MOS: 88H, Skill Level: SL3, Duty Pos: TBA
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