



Operator's Manual

GTH[™]-636

from GTH636E-11750

with
Maintenance
Information

Third Edition
Fifth Printing
Part No. 1286012GT

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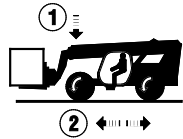


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Work Area Safety

Do not raise a load and then drive to position it.



When driving, keep the boom at or below horizontal and keep the load close to the ground.

Operate the machine at speeds that will keep the load under control. Start and stop movements smoothly.



Do not raise a load unless the load is properly positioned or secured on the forks or approved attachment.

Do not operate the machine in strong or gusty winds. Do not increase the surface area of the carriage or load. Increasing the area exposed to the wind will decrease machine stability.

Use extreme care and slow speeds while driving the machine in the travel position across uneven terrain, steep grades, debris, unstable or slippery surfaces and near holes and drop-offs.

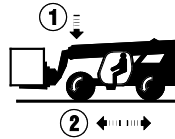
Do not alter or disable machine components that in any way affect safety and stability.

Do not replace items critical to machine stability with items of different weight or specification.

Do not replace factory-installed tires with tires of different specification or ply rating, unless approved by the factory.

If using accessories, read, understand and obey the decals, instructions and manuals with the accessory.

⚠ Traveling on Slopes Hazards



When driving, keep the boom at or below horizontal and keep the load close to the ground.

When the machine is loaded, always travel with the load uphill. When the machine is unloaded, travel with the forks or attachment downhill.

On steep terrain, drive only up and down a hill, and always keep the machine in gear. Do not turn across the slope when the machine is traveling up or down a slope.

Limit travel path and speed according to the condition of the ground surface, traction, slope, location of personnel and any other factors which may create a hazard. Never drive the machine unless the mast and equipment are in their proper travel position.

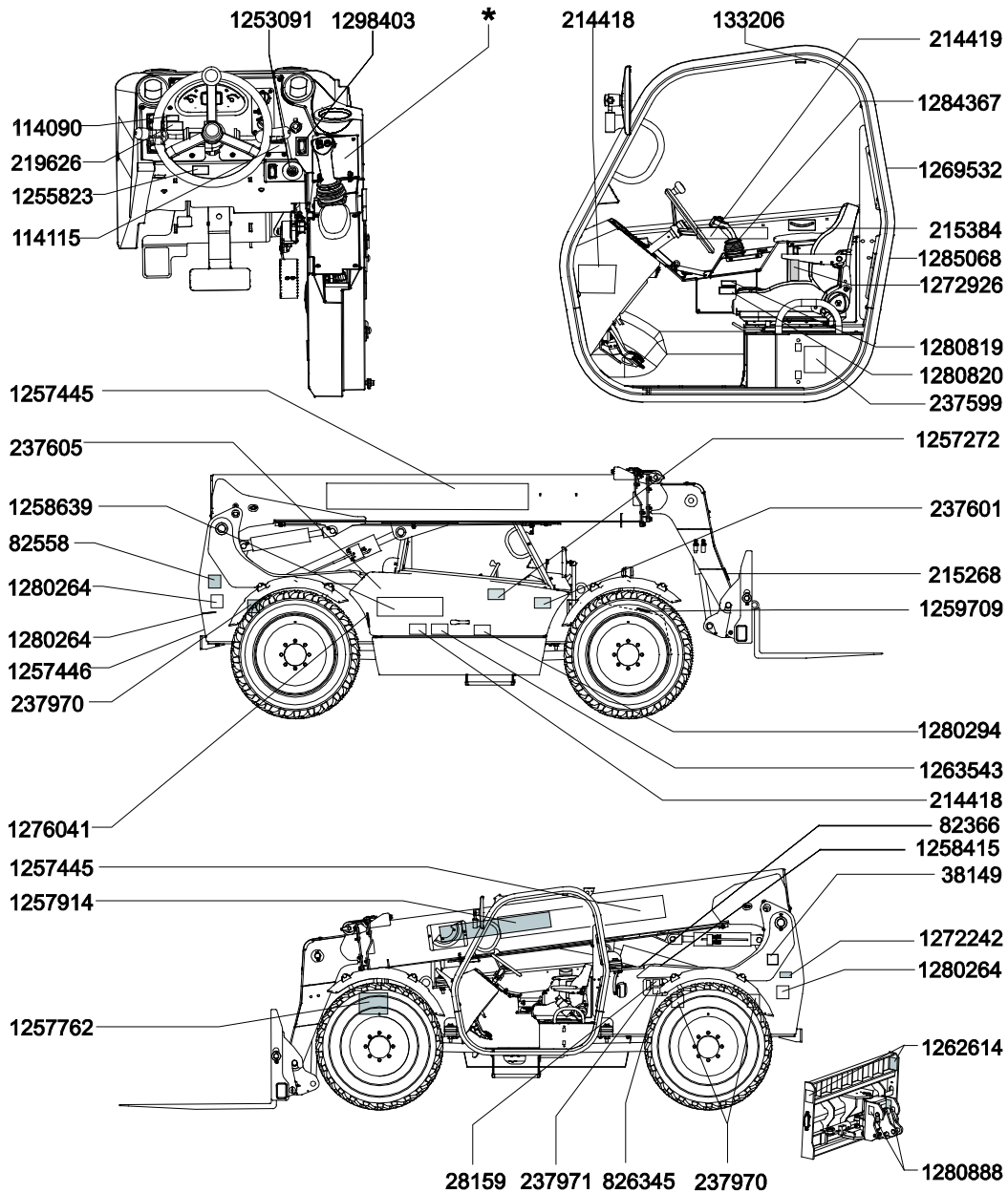
Whether a machine will tip over during dynamic machine operation involves many factors that need to be considered. Among these are pavement/ground conditions, stability and slope, as well as machine equipment, operator skill, load position, tire inflation, machine speed, etc.

Additionally, tip-over of a machine is dependent in large part upon operator inputs such as the speed and smoothness of the operation, as well as the position of the attachment and its load.

Controls

- 17 Brake pedal
- 18 Tilt steering pedal
Push and hold the tilt steering pedal to release the steering column. Move the steering wheel to desired position and release the pedal.
- 19 Windshield washer/wiper switch (if equipped)
Push the right side of the rocker switch to turn the wiper on. Push and hold the right side of the rocker switch to turn the washer on. Release the switch to turn the washer off. Push the left side of the rocker switch to turn the wiper off.
- 20 Skylight washer/wiper switch (if equipped)
Push the right side of the rocker switch to turn the wiper on. Push and hold the right side of the rocker switch to turn the washer on. Release the switch to turn the washer off. Push the left side of the rocker switch to turn the wiper off.
- 21 Lights switch (if equipped)
Push the top of the rocker switch to turn the lights on. Push the bottom of the rocker switch to turn the lights off.
- 22 Transmission control lever
Move the transmission control lever toward you and move it up for forward gear. Move the lever toward you and move it down for reverse gear. Move the lever to the center position for neutral. Turn the lever clockwise to shift to a lower speed. Turn the lever counterclockwise to shift to a higher speed.
- 23 Boom lights switch (if equipped)
Push the right side of the rocker switch to turn the boom lights on. Push the left side of the rocker switch to turn the boom lights off.
- 24 Not used
- 25 Diagnostic button
Push and hold the button for 5 seconds to display error codes. If more than one error code is displayed, continue to push button to view all codes. After all codes are displayed, push and hold button for 5 seconds to return to home screen.
- 26 Instrument panel

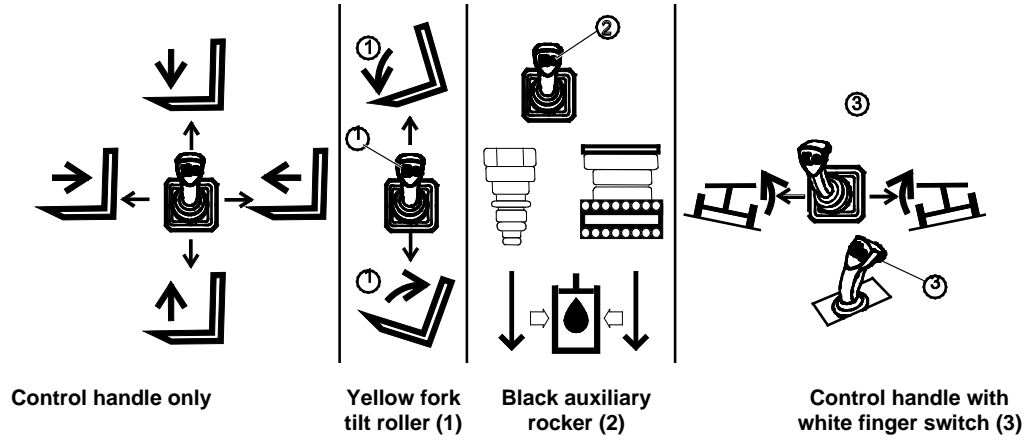
Inspections



■ Shading indicates decal is hidden from view, i.e. under covers

Operating Instructions

Controller movements – Electronic Control Handle



Maintenance

Check the Hydraulic Oil Level



Maintaining the hydraulic oil at the proper level is essential to machine operation. Improper hydraulic oil levels can damage hydraulic components. Daily checks allow the inspector to identify changes in oil level that might indicate the presence of hydraulic system problems.

- 1 Be sure that the engine is off, the frame is level and the boom is in the stowed position.
- 2 Visually inspect the sight gauge located on the side of the hydraulic oil tank.
- ⊙ Result: The hydraulic oil level should be halfway in the sight gauge.
- 3 Add oil as needed. Do not overfill.

Hydraulic oil specifications

Hydraulic oil type	Chevron Rando HD equivalent
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Check the Batteries



Proper battery condition is essential to good machine performance and operational safety. Improper fluid levels or damaged cables and connections can result in component damage and hazardous conditions.

- ▲ Electrocutation hazard. Contact with hot or live circuits may result in death or serious injury. Remove all rings, watches and other jewelry.
 - ▲ Bodily injury hazard. Batteries contain acid. Avoid spilling or contacting battery acid. Neutralize battery acid spills with baking soda and water.
- 1 Put on protective clothing and eye wear.
 - 2 Be sure that the battery and the battery disconnect switch cable connections are tight and free of corrosion.
 - 3 Be sure that the battery hold-down brackets are in place and secure.

Note: Adding terminal protectors and a corrosion preventative sealant will help eliminate the corrosion on the battery terminals and cables.

Attachments

In addition to ground personnel, the two chassis tie-down points in the front of the machine can be used to help externally stabilize the load. Always cross the tethers to opposite sides of the load to minimize load movement. Driving across grades, sudden starts, stops, and turns can cause the load to swing and create a hazard if not externally stabilized.

Only use proper rigging, capable of withstanding the expected loads, to tether the load. Do not use tethers that are damaged. Always remove any tethers before placing a suspended load.

Always protect tethers from abrasion and damage.

Keep the boom retracted as much as practical.

Do not lift suspended loads when wind speeds can cause an unsafe situation.

All movements of the load must be accomplished gradually and at the slowest practical speed to prevent the load from swinging.

Keep the heavy part of the load closest to the attachment.

Never drag or pull a load sideways.

Only lift a load vertically; do not pull a load horizontally as it could cause excessive swinging of the load. The weight of all rigging (slings, shackles etc.) must be included as part of the load.

Identify the proper lifting points of the load, taking into consideration the center of gravity and load stability.

Identify the proper lifting points of the load, taking into consideration the center of gravity and load stability.

Do not attempt to use the telehandler frame-leveling to compensate for a swinging load or to adjust the load after it has been raised.

Do not try to move fixed or obstructed loads.

Do not leave the telehandler unattended with a suspended load.

Keep the boom and load as low as practical while maintaining visibility in the direction of travel. Do not exceed walking speed (2 mph/3.2 km/h) with a suspended load.

Start, travel, turn and stop slowly to prevent the load from becoming unstable or swinging.

Do not use any controls to re-position the load when traveling. Come to a gradual and complete stop before attempting to re-position the load.

Do not attempt to cross inclines as the load center will move towards the tipping line, thereby reducing stability.

Only climb or descend inclines with extreme care as the load center will move towards the tipping line, thereby reducing stability.

Do not park on a slope.

Fall Hazards

Do not lift or suspend personnel.

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