Steiger® 350
Steiger® 400
Steiger® 450
Steiger® 500
Steiger® 550
Steiger® 600

Quadtrac® 450
Quadtrac® 500
Quadtrac® 550
Quadtrac® 600

Tier 4

Tractor

from PIN ZCF100001 and above

OPERATOR'S MANUAL

Part number 84532649

1st edition English

December 2011

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MidWestTech | Case Steiger Quadtrac 350, 400, 450, 500, 550, 600 Tier 4 Tractor Operator's Manual | Publication 84532649

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Operating the controls

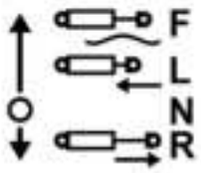
Control lever operation

When the keyswitch is turned on, all remote valves, levers and the joystick (if equipped) must be in the neutral position. If any control is not in the neutral position, its corresponding valve is disabled. Move the control to the neutral position to reactivate the valve.

NOTE: *A message display on the tractor instrumentation indicates controls are not in the neutral position.*

If a remote valve becomes stuck in one position when operating, the entire system is disabled until the valve is freed or is electrically disconnected from the system. Consult your authorized dealer.

Each remote valve lever **(1)**, has four positions, raise, neutral, lower and float. In raise and lower modes, the detent positions are used for timed remote valve functions.



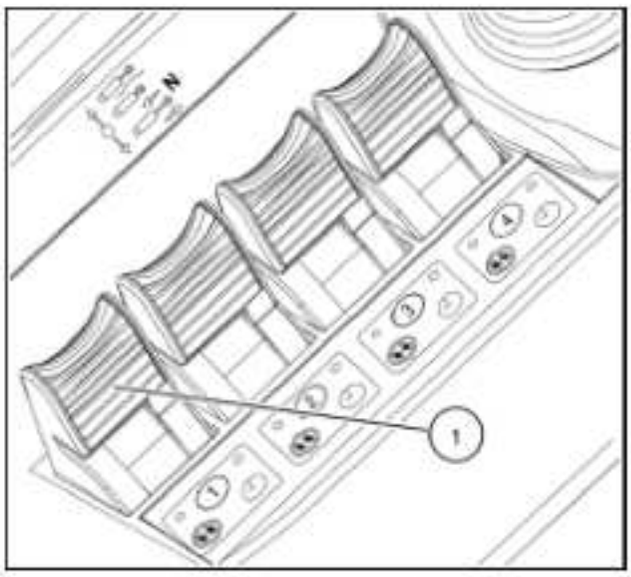
Move the lever rearward from the neutral position, **(N)** , to the raise position, **(R)**. From neutral, move the lever forward to the lower position, **(L)**. Move the lever fully forward to the float position, **(F)**. Float allows a hydraulic cylinder to extend or retract freely, allowing equipment such as scraper blades or markers to follow the ground contour.

The float position is also used for retracting a single-acting cylinder and is the off position for operating hydraulic motors.

NOTICE: *Never use the neutral position from the extend or retract position to stop a hydraulic motor. Sudden hydraulic lock up of the system may cause extensive damage to the motor.*

NOTICE: *When operating in the manual mode with the timer disabled, the remote valve lever should not be left in the detent extend or retract positions when using remote cylinders. When the cylinder reaches the end of its stroke, move the control lever to the neutral position. If the lever is not moved to neutral, the oil will overheat which may cause hydraulic or driveline components to fail.*

NOTICE: *If a remote valve stops responding correctly to lever movements, contact your authorized dealer.*



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Cab air filter, outside (see Note 2)

⚠ WARNING

Harmful dust!
Properly maintain filters. Keep cab doors and windows closed. Cab air filter, even if it is carbon, does not protect against all substances (e.g. chemical residue on crops). Absolute protection requires product-specific knowledge about potential hazards and how to counter them.
Failure to comply could result in death or serious injury.

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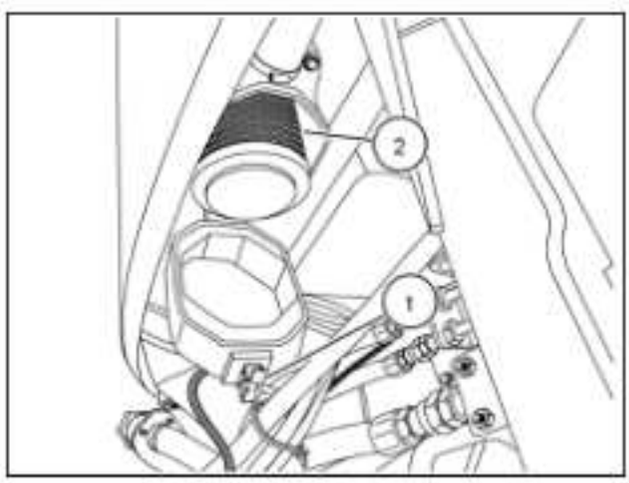
⚠ CAUTION

Flying debris!
Compressed air can propel dirt, rust, etc. into the air. Wear eye and face protection when using compressed air.
Failure to comply could result in minor or moderate injury.

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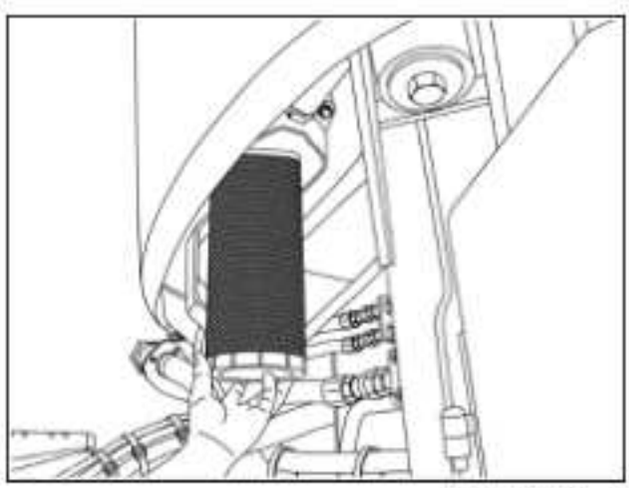
The outside cab air filter must be replaced every 1500 hours. Conditions of high humidity and extreme dust may require more frequent replacement. The filter is located under the right hand rear corner of the cab.

Release the filter cover latch **(1)** and remove the filter element **(2)**.



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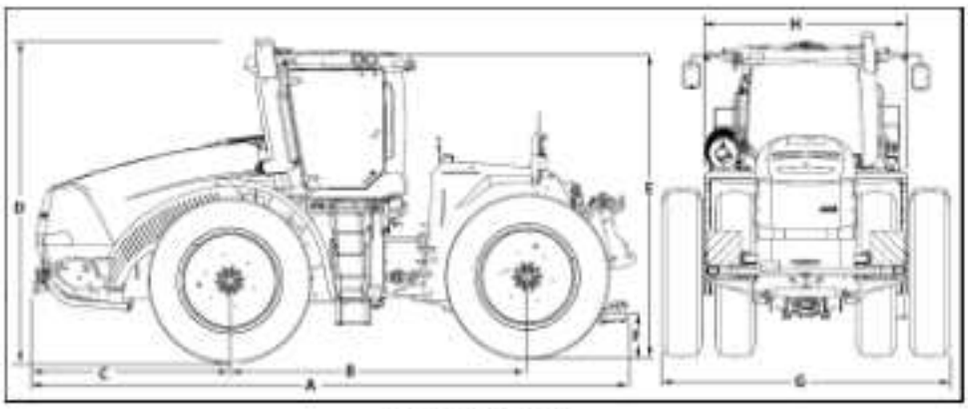
Clean the inside of the filter housing and then install the new filter. Secure the cover latch to hold the filter in place.



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Approximate overall measurements
Steiger 350, 400 and 450 tractors with dual wheels and bar axles



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With 710/70R42 Tires/Wheels, Static Loaded Radius 869 mm (33.9 in)	
A. **7493 mm (295.0 in)**	E. **3663 mm (144.2 in)**
B. **3759 mm (148.0 in)**	F. **443 mm (17.4 in)**
C. **2446 mm (96.3 in)**	G. **3592 mm (141.4 in)**
D. **3843 mm (151.3 in)**	H. **2549 mm (100.4 in)**

NOTE: *Height determined with tires at proper inflation pressure.*

General dimensions

Frame Articulation: 42 Degrees Left/Right
Frame Oscillation: 13 Degrees (26 Degrees Total)

Approximate base shipping weight

Steiger 350	**16260 kg (35848 lb)**
Steiger 400 and 450	**16351 kg (36048 lb)**

NOTE: *Estimated base shipping weights listed are with 710/70R42 dual tires, no fuel, less operator, no Three Point Hitch, no Power Take Off or other operational equipment.*

Approximate component weights

Three Point Hitch	**950 kg (2097 lb)**
Hitch Coupler	**207 kg (458 lb)**
Power Take Off System	**318 kg (700 lb)**

NOTE: *Calculate fuel weight at **3.3 kg (7.3 lb)** per US gallon.*

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