

Operator's manual



**Basic machine
Park Ranger 2150**

Introduction

Dear Customer

Congratulations with your Egholm product

The Park Ranger 2150 offers a very flexible way of maintaining outdoor areas.

Optimal use of your Park Ranger 2150

To ensure optimal performance of your Park Ranger 2150, please read this manual carefully before using the machine. Failure to do so can result in personal injury and damage to the machine.

Safety

The Park Ranger 2150 is equipped with various devices to ensure optimal operational safety both for the user and the surroundings. We ask you to pay particular attention to section 1.1. Safety. The machine must only be serviced by professionals.

The Park Ranger 2150 is designed only for use by professionals. On delivery, the user will receive thorough training to become a competent operator.

Do not lend it to anyone who has not been thoroughly trained and who has not read this manual carefully.

The operator's manual should be considered a permanent part of the machine and must remain with the machine if sold.

Warnings

Some items in this operator's manual are marked with this warning symbol.

The warning indicates areas where extra care has to be taken to avoid personal injury or damage to the machine and its accessories. The warning also shows what you should pay special attention to.



Reservations

As it is the Egholm policy to make continuous improvements, we reserve the right to alter the specifications and equipment at any time without notice. Egholm accepts no liability for errors or omissions in the operator's manual.

Contact us

Should you have questions of any kind regarding your Egholm product, please do not hesitate to contact Egholm.

Best regards

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Egholm app - easy access to useful material

Download our Egholm app, enter the serial number of your machine and possibly add attachments, and get access to videos, manuals, technical specifications and much more.

If you agree to receive notifications, you will be notified about product and service information, offers etc. The app is available for Apple and Android mobile phones.

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Introduction

**Honest
Machines**

The Park Ranger 2150 is an utility machine

The Park Ranger 2150 is an Egholm utility machine with a complete range of special attachments designed to allow you to perform outdoor maintenance work all year round. Sweeping and vacuuming in spring and autumn, mowing grass and lawn-edge cutting in the summer, and sweeping snow, and spreading gravel and sand in the winter.

Easy attachment changeover

Attachments can be changed quickly and easily in less than four minutes.

Publication

This manual is made in accordance with the requirements in standard ISO 3600:1996.

To order this manual please refer to this item number E97200000. This manual applies only to the Egholm Park Ranger 2150 C1.

General information

**Honest
Machines**

General information

1.1 Safety



Make sure no one is standing close to the machine while it is in use

Make sure that no one is near the machine while it is in use as there is a danger of crushing.



NB

As it is articulated, the rear end of the machine swings out when turning. Make sure that no one is standing near the machine while it is in use. (Picture 1)



Turn the steering wheel carefully

The Park Ranger 2150 is articulated and the steering mechanism is extremely responsive. (Picture 2)



Avoid accidents with battery acid and gases

Batteries contain explosive gases and acid. Please take the greatest care when handling batteries. (Picture 3)



Avoid accidents with exhaust fumes

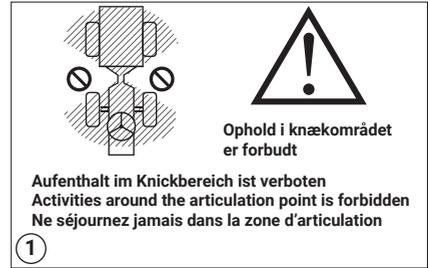
Exhaust fumes can cause illness or even death. If the engine is to run in an enclosed room, the exhaust fumes must be led outside – using an exhaust hose, for example. If there is no ventilation system in the room, the doors and windows must be left open to allow fresh air to enter.



Avoid roll-overs

Do not drive the machine in places where there is a risk that it may slide, tip or roll. Do not drive on slopes with an incline of more than 10°. (Picture 4)

Keep children away from the machine when the engine is running



Prevent people from standing in the working area



Articulated joint



Battery



Do not drive on slopes with an incline of more than 10°

General information

1.1 Safety - continued

Avoid crushing fingers

Keep your hands and fingers away from areas where there is a danger of crushing.

The A-frame

Take care not to catch your fingers in the A-frame for the various attachments. (Picture 1)

Exhaust pipe

Make sure not to touch the exhaust pipe as this becomes very hot when the machine is operating. (Picture 2)

The Engine

Caution! All components in the engine can become very hot!

Fan belt

Make sure not to catch your fingers in the fan or the fan belt. (Picture 2)



Avoid crushing fingers



Exhaust pipe

Fan belt



Avoid damage to your hearing

Always wear approved ear protectors when using the machine. (Picture 3)



Other hazards

There may be other circumstances and situations than those mentioned above where it may be dangerous to use the Park Ranger 2150.



Maintenance

Before carrying out servicing and maintenance please make sure to pull the hand brake, stop the engine and turn off the main switch of the machine.



Protection against lightning strike

The driver is protected from lightning strikes inside the cabin. The cabin works like a Faraday cage. Keep the windows closed and make sure you put your hands close to your body. Do not touch fittings or any metal parts.



Use approved hearing protection

1.2 Attachments

There is an operator's manual for each attachment. Operation with these attachments must follow the instructions outlined in the relevant operator's manual. Do not operate the Park Ranger 2150 with the attachment unless all instructions have been followed.

Park Ranger 2150 is designed to work with the following attachments, pay attention to maximum total weight and axle load - see page 11 point 1.4:

| Attachment | Type |
|-------------------------------|------------------|
| Suction sweeper..... | FS2150 |
| Weed brush | UB1 |
| Rotary/mulch mower 1000..... | LM1000 |
| Rotary/mulch mower 1200 | LM1200 |
| Rotary/mulch mower 1500..... | 21LMBA |
| Grass collector..... | GC500 |
| Hedge cutter | TRIM2150 |
| Flail mower | 21SLK |
| Lawn edger | 22VKS1 |
| Environmental rake..... | MR1100 |
| Leaf suction unit..... | LS100U |
| Tipping shovel..... | VS200 |
| Tipper trailer | TV600 |
| Load carrier with tip..... | ST2150 |
| Snow sweeper | 21SK1205 |
| Snow blower..... | SN100 |
| Snow plough | 21DZ1305 |
| Snow V-plough | FS 1300 VLE 2150 |
| Salt and sand spreader..... | 2150SG |

General information

1.3 EC Declaration of Conformity

Manufacturer: **Egholm A/S**
Address: **Transportvej 27 · DK-7620 Lemvig**
Telephone: **+45 97 81 12 05**

hereby declares that

The machine: **Park Ranger 2150 C1**
Type: **UHM 2150 C1**

has been manufactured in conformity with the provisions of Regulation (EU) 167/2013 and Directive 2006/42/EC

Any alteration, rebuilding or addition of implements, accessories or other equipment not manufactured by Egholm automatically results in the cancellation of type approval, CE approval, any other approval, as well as any warranty on machine and attachments.

Unless otherwise agreed in writing between the operator, customer and Egholm, Egholm is the data originator (data originator) of all data generated by the machine and attachments during use.

Person authorized to compile the technical documentation:
Rainer Flanz
Egholm A/S
Transportvej 27
7620 Lemvig

Place: Lemvig
Date: _____
Signature: *R. Flanz*

Rainer Flanz, R&D Manager

1.4 Technical data

Dimensions

| | |
|--------------------------|----------|
| Length (L) | 2,225 mm |
| Width (W) | 1,015 mm |
| Height with cab | 1,935 mm |
| Height without cab | 1,210 mm |
| Max. speed | 16 km/h |

Weight

| | |
|---|----------|
| Weight | 664 kg |
| Max. permitted weight for utility machine | 1,300 kg |
| Machine and trailer without brakes | 1,750 kg |
| Machine and trailer with overrunning brakes | 2,650 kg |
| Trailer without brakes | 750 kg |
| Trailer with overrunning brakes | 1,500 kg |
| Permitted axle load, front | 740 kg |
| Permitted axle load, rear | 740 kg |

Tyres

| | |
|---------------------|-------------------|
| Tyre size | 18 x 9.5-8 74 A4 |
| Tyre pressure | 1.6 bar or 24 psi |

Engine

| | |
|--|------------------------------|
| Type/manufacturer | Perkins Diesel |
| Type | 403J-11 |
| Engine power | .25,7Hk - 18,9kW at 2800 rpm |
| Cylinders | 3 |
| EU Norm | Stage V |
| Please refer to the engine operator's manual for additional technical data | |

Fuel

| | |
|--------------------------|-----------------|
| Fuel | .Diesel |
| Fuel tank capacity | 20 l diesel |
| At 2,400 rpm | approx. 2.8 l/h |
| At 2,800 rpm | approx. 3.6 l/h |

General information

1.4 Technical data - continued

Lubricating system

Lubricating system Pressure-lubricating system with filter
Lubricants Engine oil: approx. 3 l, synthetic 10W-30 API: CK-4, CJ-4, CI-4, CI-4 PLUS, SN

Air filter Dry, replaceable element filter
Cooling system Liquid coolant

Electrical system

Starter system Electric starter with glow plugs
Charging system Generator
Charging capacity 12 volt, 65 amp
Battery 12 Volt, 44 AH

Hydraulic oil

Hydraulic oil, type Texaco Rando HDZ 68
Tank capacity 15 l
Working pressure Up to 225 bar

Brakes

Operating brakes Hydrostatic
Parking brakes Mechanical

Sound measurements

Running, CR(EU) No. 1322/2014, ann. VIII - 2018/830 76 dB(A)
Pass-by, CR(EU) No. 1322/2014, ann. VIII - 2018/830 75 dB(A)
Machine operator position, open windows, CR(EU) 2018/895 80 dB(A)
Machine operator position, closed windows, CR(EU) 2018/895 83 dB(A)

Vibration test

Whole body, EN 13059 0.6 m/s²
Hand/arm, EN 13059 2.4 m/s²

Turning circle

Turning circle - kerb to kerb 3.000 mm
Turning circle - inside 1.100 mm

Information plate Mounted on the right side of the front chassis

Attention

Specifications may change without notice.

1.4 Technical data - continued

Cab

Falling Object Protective Structure - FOPS

Do not operate Park Ranger 2150 and its attachments when falling objects are a risk.

Roll-Over Protective Structure - ROPS

Tested according to Directive 86/298/EEC and fulfills OECD Code 7.

Contact with harmful and unhealthy substances

The classification of the cab is according to EN 15695-1 Category 1.

This type of cab does not protect you from harmful and unhealthy substances.

Park Ranger 2150 can NOT be used in environments, which require protection of the driver against harmful and unhealthy substances.

Park Ranger 2150 electrical diagram and hydraulic diagram can be obtained by contacting Egholm authorized dealer

General information

1.5 Access to the cab

Access

Access to the cab is from the right and left side door. The doors will open when you press the door handle button. (Picture 1)

To enter the cab, simply step directly in. (Picture 2)

To leave the cab, open the door with the inside door handle. The doors will open when you press the door handle down. (Picture 3)

Both doors can be used as an emergency exit.



Outside door handle button



Cab floor



Inside door handle - Press down

General information

1.5 Access to the cab - continued

Opening the window

To open the window pull the small window button outwards and pull back the window handle. (Picture 1+2)

Roof hatch

The cab is equipped with a roof hatch. The roof hatch will open when you push the handle upwards. (Picture 3)

Safetybelt (Picture 4)

Handles for entering the machine (Picture 5)



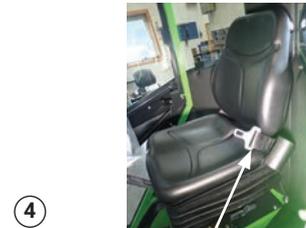
Pull out small button



Pull back handle for window to open



Roof hatch handle



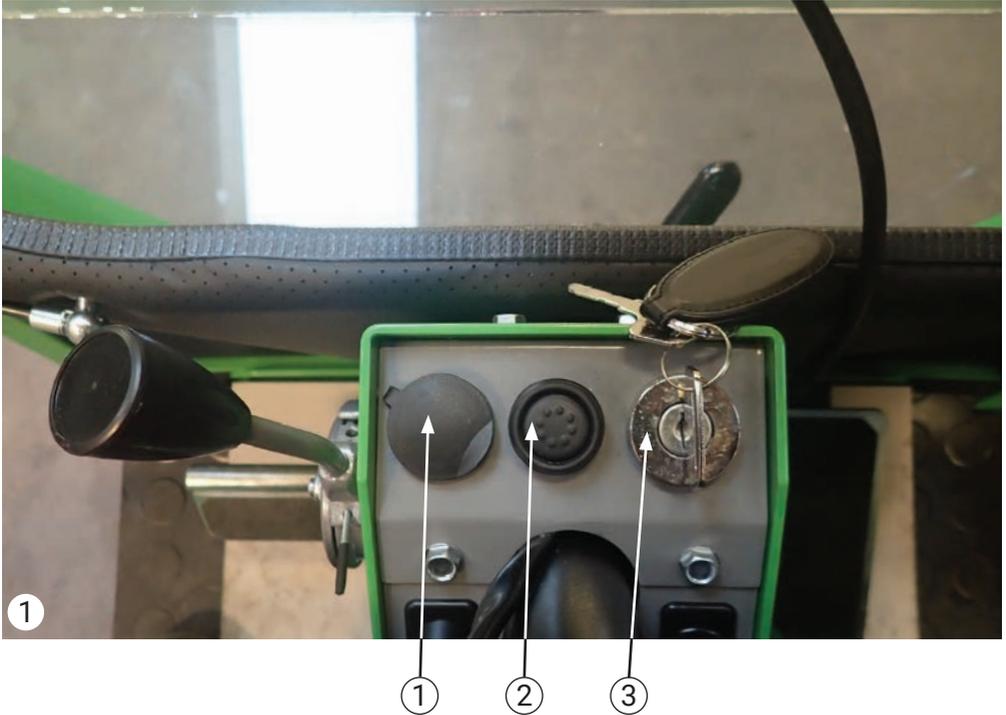
Safety belt



Handles for entering the machine

General information

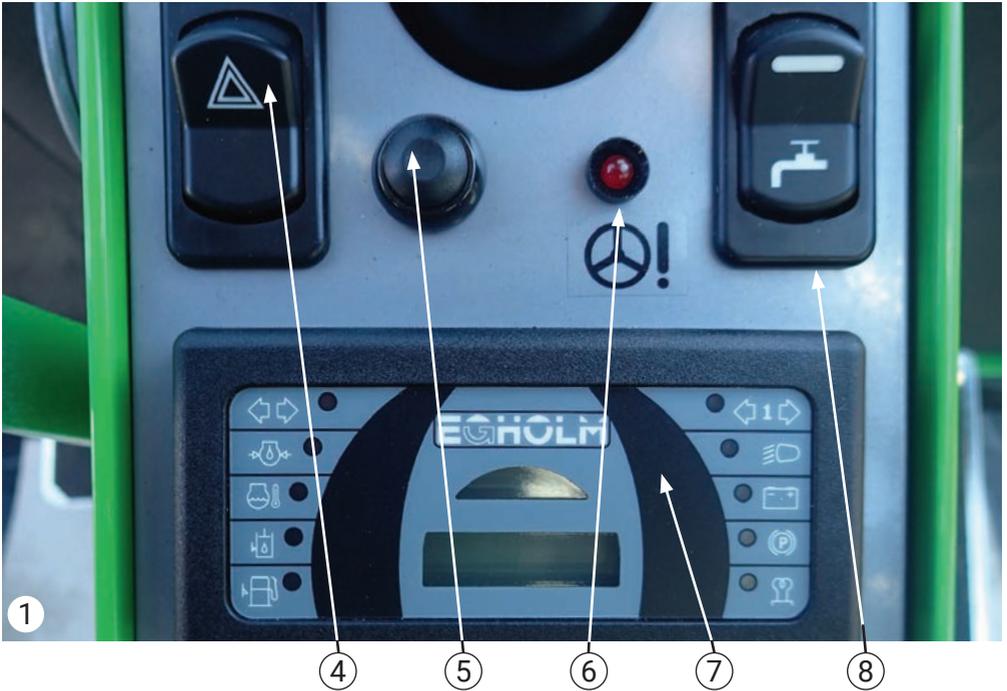
1.6 Steering column



Steering column

1. 12V Connector.
2. Horn switch.
3. Ignition key.

1.6 Steering column - continued



4. Hazard lights.

5. Instrument panel switch to switch between rpm and the timer.

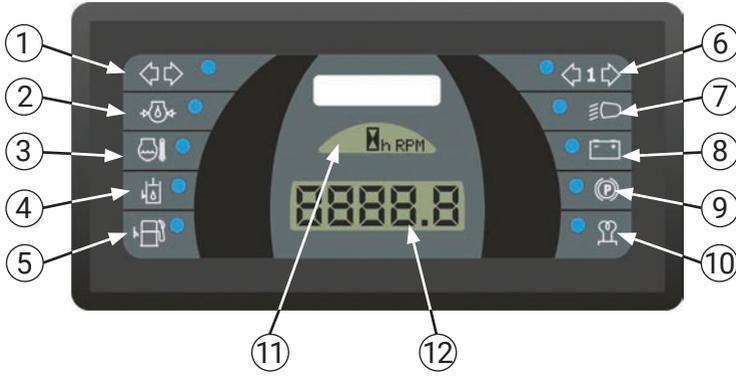
6. Warning steering pressure failure.

7. Instrument panel.

8. Switch - electrical socket rear.

General information

1.6 Steering column - continued



Instrument panel

1. Indicator light - Green LED.
Left and right indicator light.

2. Oil alarm - Red LED.
Stop driving, stop the engine immediately and check the oil level.

Top up immediately if the oil level is low.

3. Temperature alarm - Red LED.
Indicates that the engine temperature is too high. Switch off all attachments and let the engine run on half-power (rpm) for approx. 2 minutes. If necessary, clean the radiator cover.

4. Hydraulic oil - Red LED.
Hydraulic oil level is too low: Hydraulic oil is required. Note that the alarm device may be activated when the temperature falls to under +5 °C.
Check the oil level. If this is OK, restart the machine. The alarm must deactivate after 15 seconds.

5. Fuel tank indicator - Red LED.
Lights up when there is less than five litres of fuel left in the tank. Enough for about 1½ hour drive.

6. Indicator for trailer - Green LED.
Left and right indicator light for trailer.

7. Headlight indicator - Green LED.

8. Charging light - Red LED.
Normally lights on ignition or when the engine starts. If the light stays on, stop the engine and find the cause. Check the generator belt.

9. Handbrake indicator - Red LED.

10. Pre-heater - Orange LED.
The pre-heater light is activated when the ignition key is turned, showing that the engine pre-heater is on. When the light goes out, the ignition key can be turned all the way to start the Park Ranger 2150.

11. Shows rpm or time (h).

12. Time/rpm/speed counter. Time shown on start-up. Switches automatically over to show rpm.

Sound alarm activates in case of 3 and 4

1.6 Steering column - continued



Steering column

1. Throttle.
2. Handbrake.
3. Indicator light switch/stalk.
4. Fuses. See section 1.13.

General information

1.7 Operational features

1. Lever A

For raising and lowering front-mounted attachments on the A-frame: (Picture 1)

Top position: Raises the attachment.

Middle position: Locks the attachment in a given position.

Bottom position: Lowers the attachment.

2. Lever B

Activation of hydraulic connectors B1 and B2 – for attachments. (Picture 1)

Pos. 1: Locked – oil flow activated = attachment operating.

Pos. 0: Neutral (depends on the attachment).

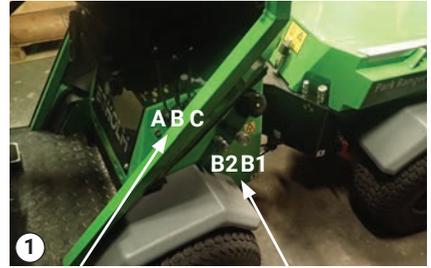
Pos. 2: The attachment operates in the reverse direction.

3. Lever C

Activation of hydraulic connectors C1 and C2 for rear-mounted attachments: (Pictures 1+2+3)

Pos. 1: Raises/tilts the attachment (depends on the attachment).
Lever C can be locked in pos. 1 by using the locking handle. This function must be used during work with the salt and sand spreader.

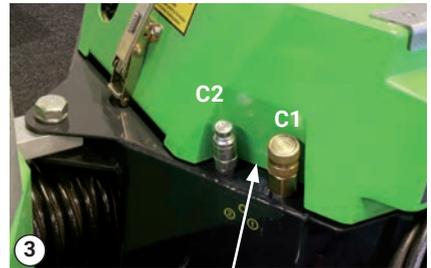
Pos. 0: Neutral (depends on the attachment).



Levers A, B, C Hydraulic connectors B1, B2



Locking handle for lever C



Hydraulic connectors C1, C2

General information

1.7 Operational features - continued

Option rear lifter

Lock and unlock rear lifter. (Picture 1)

Raise the rear lifter completely by pushing lever C up to position 1. (Picture 2)

Unlock rear lifter: Pull the lock backwards and up in the locking slot (Picture 3)

Lock rear lifter: Pull the lock out of the locking slot and release it, can be done with the rear lifter in raised or lowered position. (Picture 4)



Rear lifter



Lever C



Unlock rear lifter



Lock rear lifter

General information

1.7 Operational features - continued

4. Lever D

Starts up attachments (depending on hydraulic connectors D1 and D2) (Picture 1)

Pos. 1: Attachment operating.

Pos. 0: Neutral – attachment stopped.

Pos. 2: Attachment operating in the reverse direction (depends on the attachment).

Quick action coupling D3:

Drain connection for various attachments (female – 1/4").

5. Speed regulation of attachments (defined by the attachment)

Regulates the oil flow in hydraulic connectors B and C.



Warning

Keep the quick action couplings clean of dirt.

Operation of attachments when the operator is not sitting in the driver's seat (exclusively for external vacuum hose)

A) Park the basic machine and lock the parking brake.

B) Keep the start button for attachment operation down while operating lever D. Start button must be pushed for min. 1. sec., for lever D to stay in. (Picture 2)

6. Parking brake

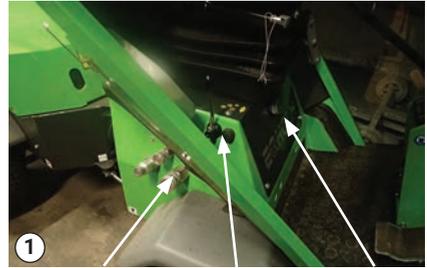
Activation of parking brake: press the brake pedal to its lowest position. The parking brake can then be slid forward. Release the brake pedal, and the utility machine is locked. (Picture 3)

Attention

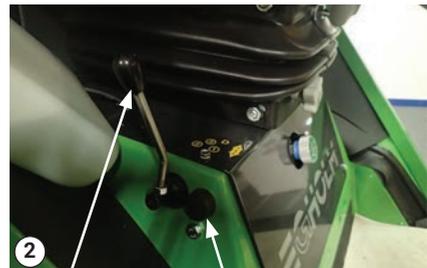
Due to the safety system the utility machine can only be left with the engine running if the handbrake is on. If you leave it with the engine running and the handbrake is off, the engine will stop within 2 sec.

7. Brake pedal

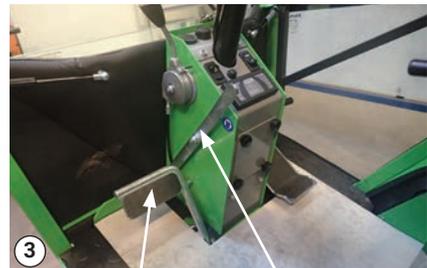
Activated in its lowest position. (Picture 3)



Hydraulic connectors D1, D2, D3
Lever D
Speed regulation



Lever D
Manual start button



Brake pedal
Parking brake

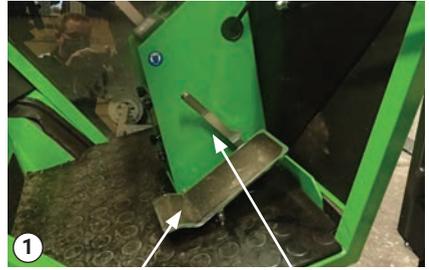
1.7 Operational features - continued

8. Drive pedal

The drive pedal can only be activated when the brake pedal is in its highest position. The speed regulation is stepless.

A) Drive forward: Press the pedal forward.

B) Reverse: Press the pedal backward.
The pedal returns to its neutral position automatically.
To drive at full speed, push the throttle all the way forward. (Picture 1)



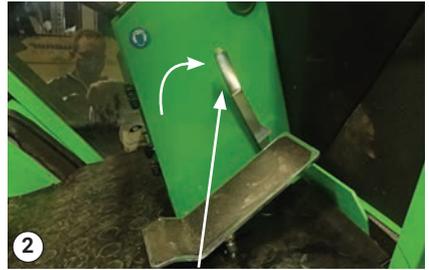
Drive pedal
Transport lock deactivated

9. Transport lock

The transport lock must be deactivated when the utility machine is operating.

The transport lock must always be activated when the utility machine is being driven from one location to another.

The transport lock locks the A-frame in place so that the A-frame cannot be lowered during driving.
(Picture 1+2)



Transport lock activated

10. Towing lever

The towing lever under the machine is for moving the utility machine manually. (Picture 3+4)

When the towing lever is in open position, the machine can be towed without starting the engine. The towing lever is in open position when the lever is horizontal.



Warning

When the towing lever is in open position, there is no powered steering!

The towing lever must be in closed position for the utility machine to be able to operate when the engine is started. The towing lever is in closed position when the lever is vertical.

The towing lever is fitted to the transmission pump and is located under the rear chassis of the Park Ranger 2150.



Towing lever open



Towing lever closed

General information

1.8 Operating panel, cab



1. Heat regulation in the cab (for heat, turn on red).
2. Microphone for Bluetooth (see operator's manual for radio).
3. Light switch: Position 1. Parking lights.
Position 2. Driving lights.
4. Work light, rear.
5. Rotary light.
6. Windscreen wipers: Wipe.
7. Sprinkler fluid
8. Cab heater: Position 1. Half power.
Position 2. Full power.
9. Plug for headphones.
10. Ceiling light: Position 1. White light.
Position 2. Red light.
11. Radio (see operator's manual for radio).

Adjustment ventilation and heating

To switch on cab heating, turn the lever (pos 1) to horizontal position. The cabin fan must also be activated.

To ventilate the cabin without heating turn the lever (pos 1) to vertical position. The cabin fan must be activated.

1.9 Removable load carrier (optional)

Removing the load carrier

A) Move the locking handle to "released" position. To do this, pull the handle out firmly while turning it to the right.

B) Pull the load carrier towards the back. (Picture 1)

Fitting the load carrier

A) Fit the load carrier from the rear of the Park Ranger 2150. Push it into place so that it is seated in the locking handle on the frame. (Picture 2)

B) Pull the locking handle out and turn it to the left while the load carrier is pushed into position. (Picture 3)

C) Make sure that the locking handle is locked in position in the locking eye. Pull the load carrier to make sure that it is locked in position. (Picture 4)



Load carrier

Locking handle



Locking eye

Locking handle



Locking handle in "released" position



Locking handle in "locked" position

General information

1.10 Driver's seat

Adjust the seat so that the driver can at any time activate the brake and is able to push the brake pedal down fully, without deactivating the seat switch, which will cause the safety system to shut down the engine. All seats are type category A class I.

Mechanical suspension COBO

(Picture 1)

Weight adjustment:

Turn the handle positioned in front of the seat clockwise to load or anticlockwise to unload.

Correct adjustment is reached when the seat height position is centered in the middle. (Picture 1), handle 2

Height adjustment:

It restricts the travel of the suspension upwards.

Adjustment is carried out while the operator is seated so that the seat is loaded

The seat height can be adjusted both up (Anticlockwise) and down (Clockwise) by turning the height adjustment knob.

(Picture 1), handle 3

Longitudinal adjustment:

Move the adjustment handle to the right to unlock the guides. When adjustment is completed, ensure that the handle "clicks" and locks the guides.

Check that the seat does not move longitudinally.

(Picture 1), handle 1

Pneumatic suspension COBO

(Picture 2)

Height and weight adjustment:

Press the button to load the suspension, pull the button to unload it.

Both the weight and height adjustment are carried out with the button.

Correct-adjustment is reached when the seat height is taken to half the travel of the suspension.

(Picture 2), handle 2

Longitudinal adjustment:

Move the adjustment handle to the right to unlock the guides. When adjustment is completed, ensure that the handle "clicks" and locks the guides.

Check that the seat does not move longitudinally.

(Picture 2), handle 1



1.10 Driver's seat - continued

Mechanical suspension GRAMMER

(Picture 1)

Weight adjustment:

Turn the handle positioned in front of the seat clockwise to load or anticlockwise to unload.

Correct adjustment is reached when the seat height is taken to half the travel of the suspension.

(Picture 1), handle 2

Height adjustment:

It restricts the travel of the suspension upwards.

Adjustment is carried out while the operator is seated so that the seat is loaded

The seat height can be adjusted upward in 3 steps by turning the height adjustment knob.

(Picture 1), handle 3

Longitudinal adjustment:

Move the adjustment handle upwards to unlock the guides.

When adjustment is completed, ensure that the handle "clicks" and locks the guides.

Check that the seat does not move longitudinally.

(Picture 1), handle 1

Lumbar support:

Set and reset by turning the knob a quarter.

(Picture 1), handle 5

Backrest angle adjustment:

Pull the red straps upwards to unlock the backrest

When adjustment is completed, ensure that the handle "clicks" and locks the backrest. (Picture 1), pos.4



General information

1.11 Oil cooler cover

Removal

A) The oil cooler cover is removed downwards at an angle.

Fitting

A) Insert the top edge of the oil cooler cover at an angle under the rim of the opening in the Park Ranger 2150. (Picture 1)

B) Push the oil cooler cover into position.



Fitting the oil cooler cover

General information

1.12 Fuses and main switch

All fuses, apart from the main fuse in the Park Ranger are placed in the utility machine behind the cover at the steering wheel panel. To access these fuses remove 4 hand screws. (Picture 1+2)

Main fuse

To access the main fuse, open the engine cover. The fuse (50 Amp) is located in the engine compartment below the exhaust pipe. (Picture 3)

Main switch

To start the Park Ranger 2150, the main switch on the left-hand side of the machine must be ON. The main switch controls all power to the machine. (Picture 4)



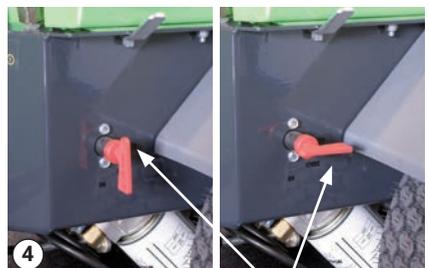
Fuses in the steering wheel panel



Fuse overview - Back of the fusecover



Main fuse - 50 Amp

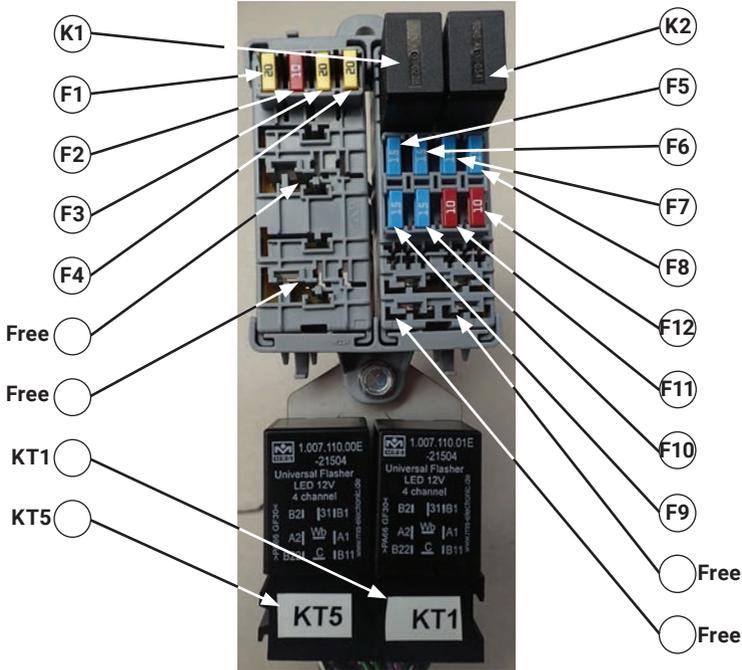


Main switch ON/OFF

General information

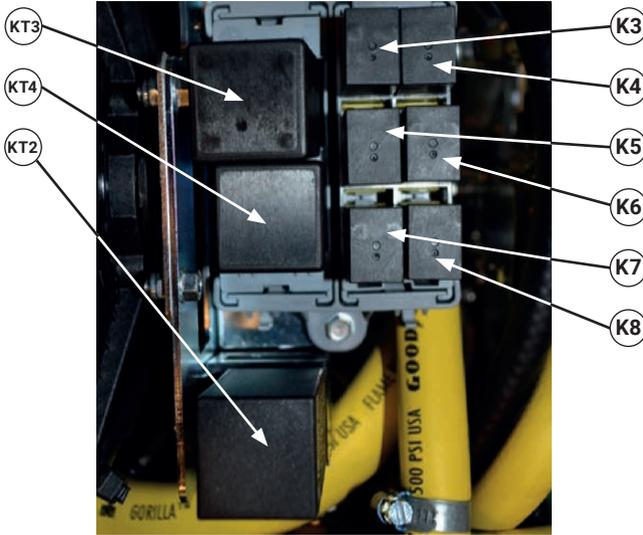
1.13 Fuses and relay overview

Fuse / relay overview in the steering column



| | | | |
|-------------|-------------|--------------------------------------|------------------------|
| Fuse 1-4 | K1 | K2 | KT1 Flash light |
| Free | Fuse 5-12 | | D1 Flash light trailer |
| Free | Free | Free | K1 Hyd. level |
| KT5 | KT1 | | K2 water level |
| Fuse | Size | Function | |
| F1 | 20A | Oilcooler / Fuel pump | |
| F2 | 10A | Safety circuit | |
| F3 | 20A | Plug left side | |
| F4 | 20A | Plug V-plough | |
| F5 | 15A | Low beam / Signal supply | |
| F6 | 10A | Horn / Rear Work light / Radio | |
| F7 | 15A | Fan cab / Trailer plug | |
| F8 | 15A | Beacon / Wiper system | |
| F9 | 15A | L.Pos.Light | |
| F10 | 15A | R.Pos.Light / Radio / emergency line | |
| F11 | 10A | Start relay | |
| F12 | 10A | Control preheat relay | |

1.13 Fuses and relay overview - continued Relay placed below the driver's seat



| | | | |
|-----|----|----|--|
| KT3 | K3 | K4 | KT2 Preheat timer |
| | K5 | K6 | KT3 Seat timer |
| KT4 | K7 | K8 | KT4 Impuls relay (intentional startup) |
| | | | K3 Anti startup |
| KT2 | | | K4 Hot bulb timer feedback |
| | | | K5 Intentional startup (safety) |
| | | | K6 Intentional startup (safety) |
| | | | K7 Brake light |
| | | | K8 Lights |

Operator's manual

**Honest
Machines**

2.1 Daily checks before start-up

Before carrying out the daily checks, open the engine cover

A) It may be necessary to remove any rear mounted attachment. See the operator's manual for each attachment.

B) Remove the radiator cover. See Section 3.1.

C) Open the engine cover lock by pushing the locking button with key for bonnet 1) down and then opening the catch 2).

D) Open the engine cover. (Picture 1)

It is important to check the following before starting the machine

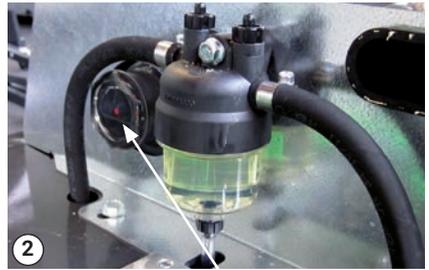
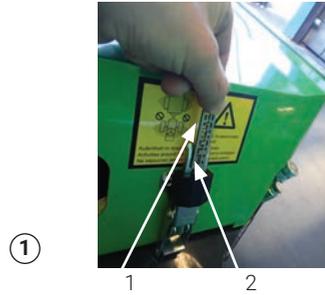
Hydraulic oil

The oil must be visible in the glass but not above the red dot.

Filling – see "Maintenance", Section 3.4. (Picture 2)

Engine oil

The oil level must be between the two lines on the dipstick. Filling – see Section 3.5. (Picture 3)



Hydraulic oil



Engine oil

Operator's manual

2.1 Daily checks before start-up - continued

Check the coolant

Remove the radiator cap and check that the fluid comes above the cross rod in the expansion tank. (Picture 1)



Warning

Never remove the radiator cap when the engine is hot. You may risk scalding or burns.

Diesel oil

Tank capacity: 20 litres.

The control light comes on when 5 litres remain = sufficient for approx. 1½ hours.

This light can only work when the Park Ranger 2150 is switched on. (Picture 2+3)



Check coolant



Control light for diesel



Topping up Diesel

2.2 Starting, operating and stopping

Rules to follow while driving

- Any person using the vehicle must be sufficiently trained for using and handling the Park Ranger 2150.
- Always drive carefully.
- Do not forget that the Park Ranger 2150 is a relatively high and narrow vehicle. Turning should therefore be done at a low speed.
- Do not let the engine run in a closed area: there is a risk of asphyxiation.
- The braking distance of your vehicle increases when the road is wet and/or when your vehicle is loaded.
- Be aware of the steering sensitivity and reactivity.
- Always put on the safety seat belt.
- Never drive with an open door.
- If an alarm lamp is on or flashing when driving, please stop in a safe place and refer to this manual. (see Section 1.6)
- Always adhere to local traffic legislation.
- Always read the attachments manual before mounting and use an attachment.
- Never load the Park Ranger axles with more than permitted axle load.

Operator's manual

2.2 Starting, operating and stopping

The following conditions must be met before the engine can be started

A) Make sure that control levers A, B, C and D are in position "0" (i.e. in the middle position). If lever D is activated its not possible to start the Park Ranger (Pictures 1+2)

B) Make sure that the towing lever is in "closed" position. (Picture 3)

C) Make sure that you (the driver) are sitting in the driver's seat. The driver's seat is equipped with a mechanic switch that needs to be activated before you can start the machine. If the driver leaves the seat the Park Ranger will stop



Warning

If the hand brake is on it is possible to start the machine without anyone sitting on the driver's seat.

D) Press the brake pedal (1) down to its lowest position and slide the parking brake (2) back. (Picture 4)

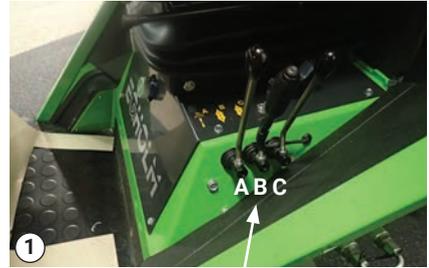
E) Pull the throttle (3) approx. 1/4 of the distance.

F) Insert the key and turn it (4) clockwise until the pre-heater indicator (5) lights up along with the other warning lights. When the pre-heater indicator goes out, turn the key further clockwise and the Park Ranger 2150 will start.

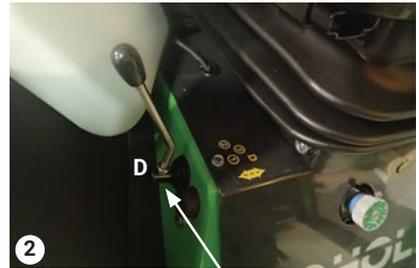
G) Release the brake pedal (1) to its top position.

H) You can now activate the drive pedal(6).

| | |
|----------------|---------------------------|
| Drive forward: | Press the pedal forward. |
| Reverse: | Press the pedal backward. |
| Stop: | Neutral position |



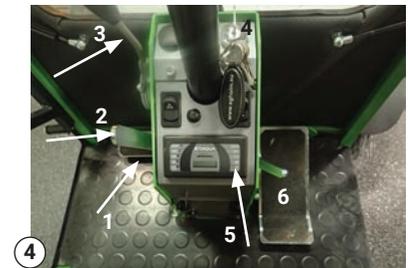
Lever A, B, C



Lever D. Middle Position



Towing lever in "closed" position



Operating controls

2.2 Starting, operating and stopping - continued

The function of the Park Ranger 2150 propulsion system

- The Park Ranger 2150 must be expected to have operating changes within the first 25-50 hours of its lifetime.
- The Park Ranger 2150 is developed with controlled deceleration.
- The Park Ranger 2150 is featured with hydrostatic propulsion and will react differently when the oil/the machine is cold.

The Park Ranger 2150 is optimized to run at an operating temperature mode.

- The drive pedal can be used as a brake function. The brake light comes on, if the drive pedal is released quickly.
- The stopping distance varies when the Park Ranger 2150 is cold.



Warning

Out of consideration for the hydraulic system, it is important that the machine reaches operating temperature **BEFORE** the engine is operated at full revolutions.



Warning

Turn the steering wheel carefully – the Park Ranger 2150 is articulated and the steering mechanism is extremely responsive.

Operator's manual

2.2 Starting, operating and stopping - continued

Stopping the Park Ranger 2150

A) Make sure that control levers A, B, C and D are in position "0". (Picture 1+2)

B) Throttle (3) back so that the engine is running in neutral. (Picture 3)

C) Press the brake pedal (1) down to its lowest position and slide the parking brake (2) forward. (Picture 3)

D) Stop the Park Ranger 2150 by turning the key back to stop position (counter clockwise) and remove the key. (Picture 3)

Operation with front-mounted attachments

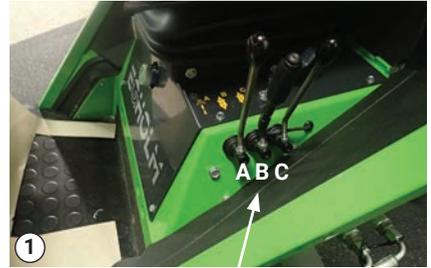
If an attachment is fitted to the Park Ranger 2150, it must be raised above the ground before the machine is driven.

To lift the attachment, push lever A to the top position. Release lever A once the attachment has reached the appropriate height. (Picture 1)

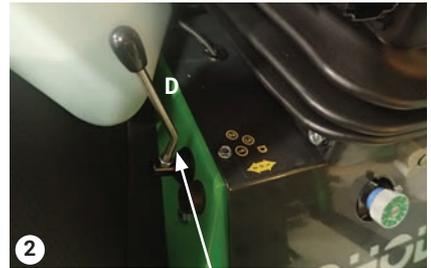
For transport over long distances, the transport lock (7) must be activated. (Picture 4)

Fitting attachments, front and rear

Please refer to the operator's manuals for the individual attachments.



Levers A, B and C



Lever D



Stop position, Counter clockwise.



Transport lock activated

2.2 Starting, operating and stopping - continued



Warning

Never mount and use an attachment before reading and understanding the user manual. All instructions from the manuals have to be followed.



Warning

Before stopping the Park Ranger, always lower the front attachment or activate the transport lock. Never leave a rear attachment in tipped position.



Warning

Always stop the machine before connecting the attachments hydraulics connectors.



Warning

Always remove the key and turn of the main switch before working on the machine

Operator's manual

2.3 Trailer

When Park Ranger 2150 is equipped with the approved coupling class A50-X, the following trailers can be connected:

Trailers without brakesmax.750 kg
(See type plate)

Trailers with overrun brakesmax.1500 kg
(See type plate)

Vertical load on trailer coupling max.120 kg

Remark! There is no brake assist system (brake line connection) for trailers on Park Ranger 2150.

Do not connect trailers with brake assist system to Park Ranger 2150.

Connection of Trailers

Coupling

Connect the trailer to the coupling and make sure that the connection lock is activated.

Lift the support wheel on the trailer.



NOTE

If the trailer is fitted with overrun brakes, remember to attach the security wire on the trailer to the coupling.

Light

To connect the light on the trailer insert the cable plug from the trailer into the connector on Park Ranger 2150. Check its function.

Hydraulics

If the trailer has a hydraulic tipping function, connect the hydraulic hose to the snap coupling at the rear Connector C. (Picture 2)



Warning

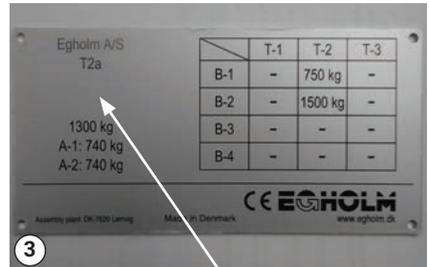
Make sure that no one is standing between the machine and the trailer or near the working area.



1 Light plug Hook Secure wire



2 Hydraulic connectors



3 Type plate for serial number



4 Type plate location

Service and maintenance

**Honest
Machines**

Service and Maintenance

3.1 Daily maintenance



Warning

If maintenance is performed right after a stop: The engine, cooler, exhaust and hydraulic components may be very hot. Egholm recommend to let the machine cool off before any maintenance is conducted.

The daily maintenance of the Park Ranger 2150 is simple and straightforward – but very important. Three operations need to be performed: cleaning of the radiator, oil cooler and air filter.

Cleaning the radiator

A) Remove the radiator cover by turning the two spring-loaded handles out to the side. (Picture 1)

B) Blow the radiator fins and the cover clean with compressed air.

C) The radiator fins can be washed with clean water.



Warning

Do not use hard implements when cleaning the body of the radiator, as this can damage the fins.

Cleaning the oil cooler

A) Remove the oil cooler cover. (Picture 2)

B) Blow the cover and the cooler clean with compressed air.



Warning

The cooler must be cleaned with compressed air before the machine is washed, otherwise dirt will stick to it.

Air filter housing and air filter element

Clean the air filter housing with a clean cloth, and blow the element clean from the inside with compressed air. (Picture 3+4)



Removing the radiator cover



Oil cooler cover



Loosen the filter housing



Remove the air filter element

Service and Maintenance

3.2 Lubrication

Lubricating nipples

Lubricate the lubricating nipples on the machine with one or two shots of good quality grease – every 15 hours or so.

There are two lubricating nipples by the A-frame, and four by the steering cylinders. (Picture 1+2+3)

Cables and moving parts

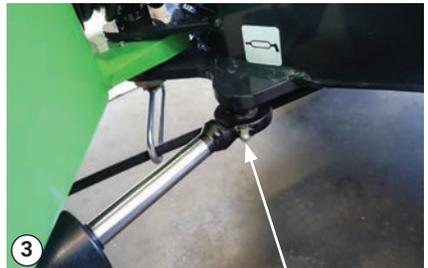
Lubricate with a few drops of oil every 15 hours or so.



Lubricating nipples, A-frame



Lubricating nipples, steering cylinders



Lubricating nipples, steering cylinders

Service and Maintenance

3.3 Park Ranger 2150 service and maintenance chart

X Lubricate ◆ Clean ● Replace ○ Check

| Operation | Service schedule | | | | | | |
|------------------------------|------------------|-----------|------------|------------|------------|--------------|-------|
| | Daily | First 50h | Every 400h | Every 800h | Every year | Every 2.year | See § |
| Machine | | | | | | | |
| Walk-around inspection | ○ | | | | | | |
| Tyre pressure (1) | ○ | ○ | ○ | | ○ | | |
| Wheel bolts (2) | | ○ | ○ | | ○ | | |
| Battery | | ○ | ○ | | ○ | ● | |
| Brakes | | ○ | ○/X | | ○/X | | |
| Hydraulic connections (4) | ◆ | ◆ | ◆ | | ◆ | | |
| Lights | ○ | ○ | ○ | | ○ | | |
| Engine | | | | | | | |
| Air filter, main (3) | ◆ | ● | ● | | ● | | |
| Air filter, safety (3) | ◆ | ● | ● | | ● | | |
| Engine Oil | ○ | ● | ● | | ● | | |
| Engine Oil filter | | ● | ● | | ● | | |
| Fuel filter | ○ | ● | ● | | ● | | |
| Belt, Alternator | | ○ | ○ | ● | ● | | |
| Coolant | ○ | ○ | ○ | | ○ | ● | |
| Coolant hoses and collars | | ○ | ○ | | ○ | | |
| Water Radiator (3) | ◆ | ○ | ◆ | | ◆ | | |
| Water Radiator pressure cap | | | ○ | | ○ | | |
| Cooling fan clearance | | | ○ | | ○ | | |
| Water temperatur sensor | | | ○ | | ○ | | |
| Engine mounts | | | ○ | | ○ | | |
| Air Intake pipe /clamp bands | | | ○ | | ○ | | |
| Fuel pipe / Clamps | | | ○ | | ○ | | |
| Hand throttle max rpm | | ○ | ○ | | ○ | | |
| Pedal cable | | ○ | ○ | | | | |
| Valve Clearance | | | | ○ | | | |

Service and Maintenance

3.3 Park Ranger 2150 service and maintenance chart - continued

X Lubricate ◆ Clean ● Replace ○ Check

| Operation | Service schedule | | | | | | |
|------------------------------------|------------------|-----------|------------|------------|------------|--------------|-------|
| | Daily | First 50h | Every 400h | Every 800h | Every year | Every 2.year | See § |
| Hydraulic | | | | | | | |
| Hydraulic oil | ○ | ● | ● | | ● | | |
| Hydraulic oil filter, return | | ● | ● | | ● | | |
| Hydraulic oil cooler (3) | ◆ | ○ | ◆ | | ◆ | | |
| Hydraulic oil filter, transmission | | ● | ● | | ● | | |
| PTO pressure relief valve | | | ○ | | ○ | | |
| Hydraulic hoses | | ○ | ○ | | ○ | | |
| Lubrication | | | | | | | |
| Steering cylinder left (5) | | X | X | | X | | |
| Steering cylinder right (5) | | X | X | | X | | |
| A-frame (5) | | X | X | | X | | |

(1) See manual for correct pressure.

(2) Tightening torque.

(3) If the machine is operated in a very hot or dusty environment, more frequent service may be necessary.

(4) Clean all couplings with a clean cloth before mounting any attachment.

(5) Every 15 h

Service and Maintenance

3.4 Hydraulic system

Hydraulic oil

Check the level of hydraulic oil while the oil is cold. The oil must be visible in the glass but not above the red dot. If the oil level is lower, refill the hydraulic oil tank. (Picture 1)



Warning

Clean the area around the bleeding and filling spigot before removing the filler cap to prevent dirt entering the hydrostatic system, where it may cause damage.



Bleeding/filling cap

Viewing glass

Refilling hydraulic oil

- A) Park the Park Ranger 2150 on a level surface.
- B) Put the handbrake on, turn off the engine, remove the radiator cover and open up the bonnet.
- C) Remove the bleeding and filling cap and pour in Texaco Rando HDZ 68 hydraulic oil. (Picture 2)
- D) Replace the cap and start the engine.
- E) Check that the oil fills $\frac{3}{4}$ of the glass while the engine is running.
- F) Close bonnet and mount the radiator cover.



Tank filter

Tank filter

Replace the filter and clean the housing during service procedures. (Picture 3)

Hydraulic oil filter

A) Remove the oil filter under the Park Ranger 2150 and let the oil run out until the tank is empty.

B) Lubricate the gasket with oil.

C) Fit the new filter.



Tank filter housing

D) Pour in approx. 16 litres of Texaco Rando HDZ 68 oil. Check that the oil fills $\frac{3}{4}$ of the glass. (Picture 4)



Hydraulic oil filter



Warning

Do not work with the hydraulic system before its cooled off. Use gloves and glasses when working with hydraulics

3.5 Engine maintenance



Warning

Always switch off the engine and turn off the main switch before checking the oil level and when changing the oil and the oil filter.

Check the engine oil

1. Park the Park Ranger 2150 on a level surface.
2. Check the oil level before starting the engine. (Picture 1)
3. Pull out the dipstick, wipe it clean and then replace it.
4. Pull out the dipstick again and check whether there is sufficient oil in the engine.
5. The oil level must be between the two lines on the dipstick.
6. Add oil if the oil level is below the bottom line.
7. Always check to make sure that the oil level is correct.

Filling with engine oil

1. Remove the oil cap. (Picture 2)
2. Pour in oil until the engine contains approx. 3 litres.
3. Wait approx. 5 minutes after pouring in the oil.
4. Then check the oil level again. It may take a little time for the oil to reach the oil pan.

Changing the oil in the engine

Change the oil after the first 50 hours of operation. It is easiest to do this while the engine is warm.

1. Remove the bottom screw and let the old oil run out. (Picture 3)
2. Remember to replace the bottom screw!
3. Fill with new engine oil until the level reaches the top line on the dipstick. Approx. 3 litres of oil.



Check the oil level



Engine oil cap



Remove the bottom screw

Service and Maintenance

3.5 Engine maintenance - continued

Recommendations concerning oil

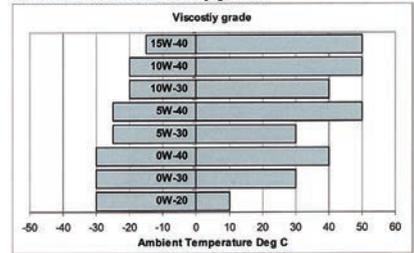
For the best engine performance, we recommend approved Perkins engine oils. Other high-quality oils may be used if they, as a minimum, have one of the following classifications: API CH-4 or ACEA E5. Never use special additives.

NB

Always ensure that the viscosity of the lubrication oil used matches the temperature range in the surroundings where the machine is operating. (Picture 1)

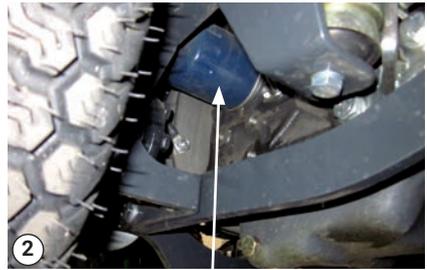
Changing the engine oil filter

1. Use a filter spanner to remove the oil filter. (Picture 2)
2. Apply a thin layer of oil to the new filter gasket.
3. Fit the new filter by hand.
DO NOT use a filter spanner, as this will over-tighten the filter.
4. Turn the engine on and let it run for a while to check that the filter seal is tight.
5. Switch off the engine and check the level of engine oil.
6. Add oil if the level of engine oil drops after the filter has been changed.



①

Oil types



Engine oil filter

3.6 Fuel



Warning

Always switch off the engine before filling up with fuel. Make sure there are no naked flames nearby because diesel oil is highly flammable.

Fuel

ONLY use diesel as fuel. (Picture 1)

Important when filling up with fuel

Make sure to keep the area free from dirt when filling up – dirt can cause problems in the injection pump. Do not let the engine run out of fuel, as this can create air bubbles in the fuel system.

Cleaning and replacing the fuel filter

Always clean the filter in a clean area.

1. Unscrew the filter. (Picture 2)

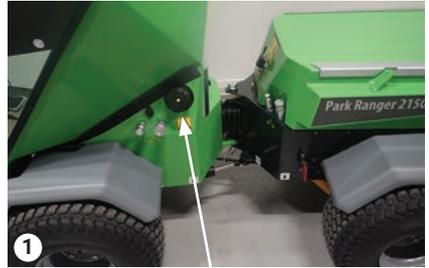
2. Fit the new filter.

3. Bleed the fuel system.

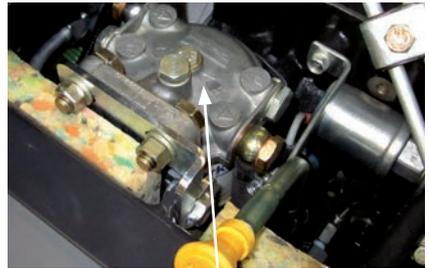
It is important to bleed the fuel system

1. When the fuel filter and hoses have been removed and then replaced.

2. If the engine has run out of fuel.



Diesel cap



Fuel filter

Service and Maintenance

3.6 Fuel - continued

Bleeding the fuel system/the fuel filter

1. Switch on the machine to start the electric fuel pump.
2. Loosen the bleeding screw on the fuel filter. (Picture 1)
3. When fuel starts to run out, close the bleeding screw.
4. Turn the ignition key until the engine starts.



Bleeding screw on the fuel filter



Warning

Do not bleed the system while the engine is very hot. If fuel is spilled on a hot exhaust manifold, it can cause a fire.



Warning

Switch off the engine before checking or replacing fuel hoses. Damaged fuel hoses can cause a fire.

Checking the fuel hoses during every service

1. Check for loose clips. Apply a little oil to the screw and tighten.
2. If any fuel hoses or clips appear worn, replace them immediately.
3. Bleed the fuel system after replacing hoses.

3.7 Radiator



Warning when removing the radiator cap

Never remove the radiator cap while the engine is hot, as the hot coolant may spray out and cause serious burns. Wait to remove the radiator cap for at least 10 minutes after the engine has been switched off.

Check the level of coolant every day

A) Remove the radiator cap. (Picture 1)

B) Check that the level of coolant is above the cross rod in the upper part of the expansion tank.



Warning

Always switch off the engine before filling up with coolant.

Filling coolant

A) Remove the radiator cap and pour coolant into the expansion tank so the level of coolant reaches above the cross rod in the upper part of the expansion tank. Capacity: approx. 4 litres.

B) The coolant should consist of 50% pure water and 50% radiator fluid, or as described on the label on the packaging.

C) Replace the radiator cap carefully after filling up with coolant.

D) Start the Park Ranger 2150 and let it run until it reaches operating temperature.

E) Stop the engine and add coolant. (Picture 2)

Check the radiator/cooler hoses

Replace the hoses and clips every two years – or more often if they are damaged.



Coolant expansion container cap



Filling up with coolant

Service and Maintenance

3.7 Radiator - continued

Precautions against overheating

If the warning light illuminates, switch off all attachments immediately and let the engine run at half throttle. Clean the air intake grilles in the radiator cover (radiator cover can be removed for proper cleaning of the cooler) and try to identify the cause of the overheating. If you are in doubt about the cause, contact your nearest dealer. (Picture 1)



Radiator cover

Cleaning the radiator

Clean the engine cooling system as described in section 3.1.

3.8 Air filter

Cleaning the air filter

Open the vacuum valve every day to remove large particles of dirt and dust when the Park Ranger 2150 is being used in dusty environments.

A) Open the air filter housing.



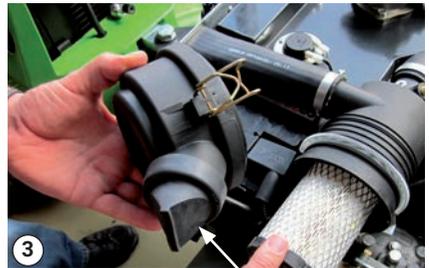
Air filter housing

B) Remove the filter unit.

C) Clean the air filter housing with a clean cloth.

D) Carefully blow the unit clean from the inside with compressed air.

E) Replace the filter unit and close the filter housing. (Pictures 2+3)



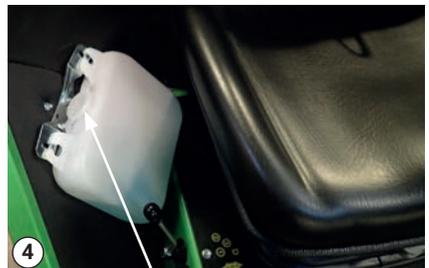
Vacuum valve

3.9 Windscreen washer liquid

During winter, check that the windscreen washer liquid has frost protection properties.

A) The windscreen washer tank is in the cab, on the right side of the driver's seat.

B) To add windscreen liquid, unscrew the cap, add windscreen liquid and screw the filling cap on again. (Picture 4)



Windscreen washer liquid cap

3.10 Battery



Warning

Always take the following precautions when removing the battery.

- A) Make sure the ignition and the main switch are switched off.
- B) Always remove the cable from the battery's negative (-) pole first.
- C) Make sure not to touch the two battery poles at the same time with any metal tools or object, and be careful to prevent the positive (+) pole from coming into contact with the machine. The short-circuit caused by this happening will generate sparks.
- D) Avoid sparks and naked flames. Do not smoke.
- E) When replacing the battery, always connect the positive (+) cable first and then the negative (-) cable.



Warning

Both the explosive gases and the sulphuric acid that the battery contains can cause blindness and serious burns.

Charging

Connect the positive (+) terminal of the charger to the positive (+) pole of the battery, and connect the negative (-) terminal to the negative (-) pole.

Battery fluid level

The battery is maintenance free, only check the green lamp on battery. (Picture 1)



- pole Green lamp Battery + pole

Service and Maintenance

3.11 Fan belt

Adjustment and tightening

An insufficiently tightened fan belt can result in the engine overheating and insufficient charging of the battery.

A) To check the tightness of the fan belt, press it in the middle with your finger. It should “give” approx. 7–9 mm (under 10 kg of pressure).

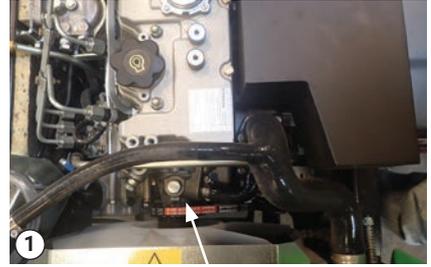
B) Also check the fan belt for cracks and tears. (Picture 1)

Regulation of tension

Loosen the two bolts that hold the generator in place, and adjust its position to provide the necessary tension. Remember to retighten the nuts and bolts after adjustment.

3.12 Articulated joint

If there is any play in the articulated joint, the bearings need to be replaced. To check for play, rock the front chassis. (Picture 2)



Fan belt



Articulated joint

Service and Maintenance

3.13 Towing

The Park Ranger is equipped with 2 towing points in front and 2 towing points at the rear. (Picture 2+3)

When towing Park Ranger, attach the tow line to one of the towing points in front or back (Picture 2-3)

The towing valve under the machine is used to move the machine manually. (Picture 1)

To tow: Switch off engine. Turn valve until the lever is in the horizontal position (open position).

Tow the machine. When you have finished towing, turn the valve until the lever is in the vertical position. The towing valve must be closed. If not, the machine will not run.



Warning

Do not start the machine until the towing valve has been closed.



Attention

When towing, there is no servo system. Always tow the machine at low speed.

These towing points are also used for safe transport of the Park Ranger on trailers etc.

It is allowed to tow the Park Ranger in one or both towing point in front or back of the Park Ranger.

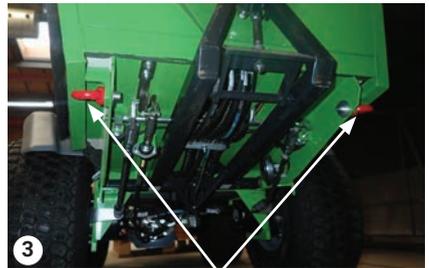
Be careful when towing from the rear end of the Park Ranger - the steering is difficult.



Towing lever in "closed" position



Towing point - Rear



Towing points front



Towing at front end

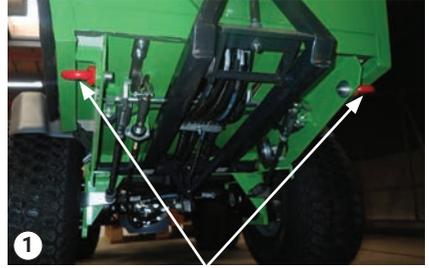


Towing at back end

Service and Maintenance

3.14 Transporting the Park Ranger 2150

To transport the vehicle, if necessary, cross the restraint straps and attach them to the four transport securing rings of the vehicle. (Picture 1+2+3+4)



Anchoring at the front



Straps at the front



Anchoring at the rear



Straps at the rear

3.15 Tyre change

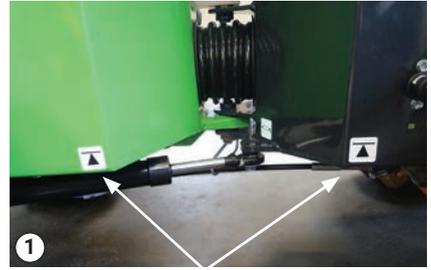
When a tyre needs changing the Park Ranger 2150 must only be lifted with a jack in the points indicated at picture 1.

Before removing a wheel, the engine must be stopped and the parking brake activated.



Warning

A tyre change must be performed on a flat and stable ground only!



Front and rear Jack lifting points

To perform a tyre change you need following: a jack with a minimum lifting force of 500kg, a spare tyre and a wheel wrench.

1. Place the jack either in the front or at the rear, depending on which tyre you need to change.
2. When the jack is placed, loosen the tyre bolts.
3. Then lift up the utility machine with the jack until it is possible to remove the old tyre.
4. Change the tyre and tighten the bolts with your hands.
5. Lower the jack and tighten the bolts with a torque of 100 Nm



Attention:

Tighten the wheel bolts after 5-10 hours of use to a torque of 100 Nm. The wheel bolts should not lubricated.



Attention:

Only use tyre dimensions and tyre pressure as specified in section 1.4 page 11.



Attention:

Changing tyres on rims may only be carried out at an authorized workshop.

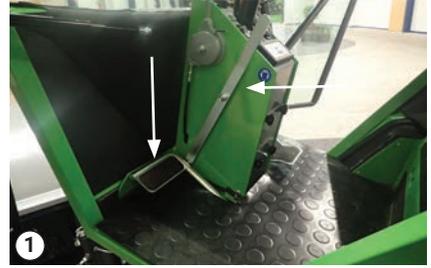
Service and Maintenance

3.16 Checking for worn brakes

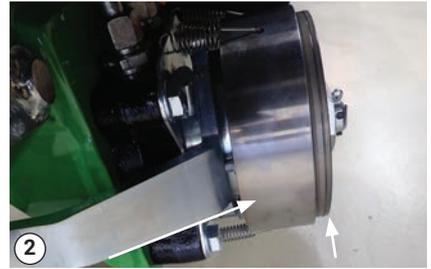
1. For both options described as below: Stop the machine, engage the hand brake and remove both front tyres. (Picture 1)

2. Option 1: Check each break, the mark on the wheel flange may not be covered by the brake drum. If the mark is covered the drum needs replacement. (Picture 2)

3. Option 2: Check each break – find the bonnet key, it is placed in the keychain with the tractor starter key. (Picture 3 + 4)



Engage the handbrake



Brake drum Worn mark on wheel flange



Place the bonnet key up against the drum



The wheel flange must be outside the bonnet key. If the flange is covered or almost covered the drum must be replaced.

Conditions

**Honest
Machines**

Conditions

4.1 Warranty

The warranty period for the materials and manufacture of this Park Ranger 2150 is 12 months from the date of purchase.

In case of errors or defects on the machine within the warranty period, Egholm will carry out the necessary repairs at no charge to the customer, including materials and working hours, in accordance with the terms and conditions listed below.

The scope of warranty

1. The Egholm warranty is only valid on presentation of the original receipt, supplied with model description, serial number and date of purchase.
2. Regular checks, adjustments, services and technical alterations are not covered by the warranty.
3. All inquiries concerning the warranty are to be addressed to the distributor from whom the machine was purchased.
4. This warranty does not cover faults and defects which cannot be traced back to defects in material or production errors.
5. This warranty is valid for persons who have legally acquired the machine within the warranty period.
6. In the event of failure to perform and substantiate service in accordance with the applicable instructions, Egholm reserves the right to reject any claim made within the warranty period.
7. Egholm reserves the right to make improvements and design-related alterations to the machine without being obliged to modify previously delivered models in relation hereto.

The warranty does not cover

- Wear and tear, accidents, damage to the equipment caused by operating errors, negligence, changes to the construction of the machine or use of non-Egholm spare parts or attachments.
- Machines with illegible serial numbers.
- Damage caused by force majeure such as lightning, flood, fire, war, civil disturbance, etc. as well as damage resulting from incorrect or insufficient maintenance, consequential damage or other causes over which Egholm has no control.

4.2 Complaints

All inquiries regarding the machine should be made at the distributor from whom the machine was purchased. This applies to inquiries concerning normal use, service, maintenance and spare parts as well as any complaints.

We wish you many years of safe and satisfactory use of your machine.

Best regards
Egholm A/S

4.3 Disposal

When, many years from now, your Park Ranger 2150 has reached the end of its working life, it should be disposed of in a responsible manner that conforms to relevant disposal regulations.

1. Used hydraulic oil, engine oil, diesel oil, coolant and AC coolant are to be delivered at an approved waste disposal facility or site.
2. Remove the plastic and rubber parts and dispose of them in accordance with the applicable environmental legislation.
3. After the parts mentioned have been removed, the machine is ready to be handed over to one of your local approved scrap merchants.

Notes

Honest Work.

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