



ALIGNMENT MONITOR

INSTALLATION / OPERATION

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ENGLISH



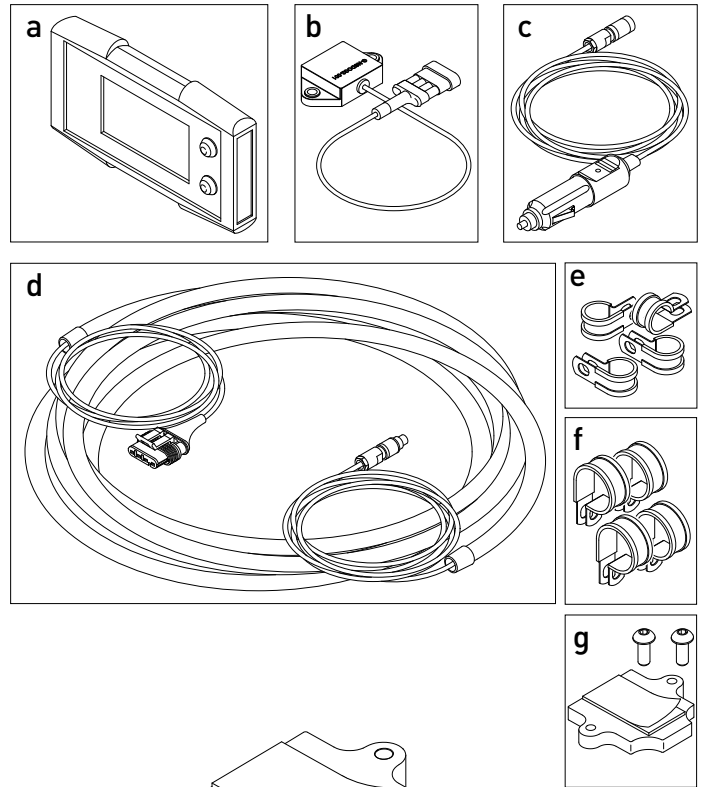
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INSTALLATION

Contents

- a. Alignment Monitor (x1)
- b. Sensor Unit (x1)
- c. 12-24v Power Cable (x1)
- d. Sensor Cable Assembly (x1)
- e. Small P Clips (x4)
- f. Large P Clip (x4)
- g. Sensor Mounting Kit (x1)

Check that nothing has been damaged during transit. In case of damage contact dealer.



The Sensor

The Sensor Unit is mounted on the inside of the Earth Drill hood, to the underside of the top plate, in a suitable position.

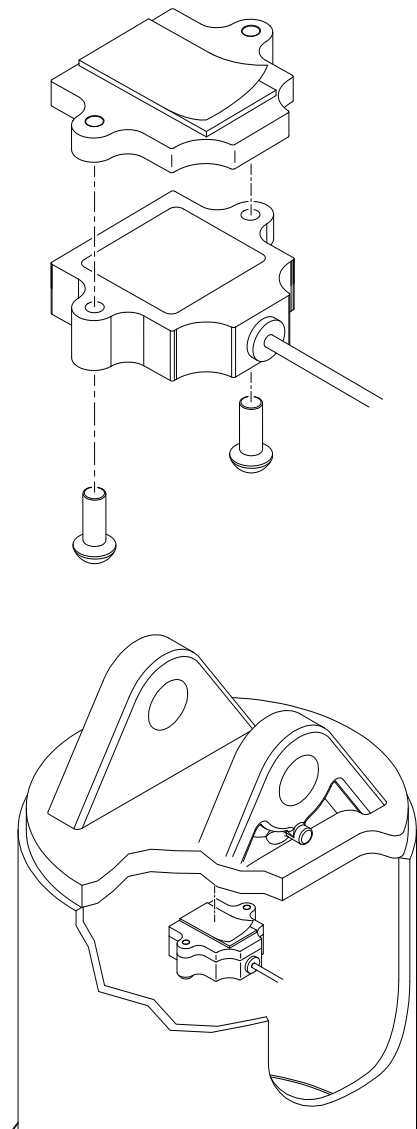
Attach the Sensor to the Earth Drill hood, ensuring the Sensor is fitted with the cable facing towards the operator's station. Hold sensor in place for 10 seconds.

Sensor Mounting Kit

The Alignment Monitor is supplied with a spare Sensor Mounting Kit. Fit the mounting plate to the resin side of the sensor. Fix the plate in place with screws supplied, adding medium strength Loctite to the threads.

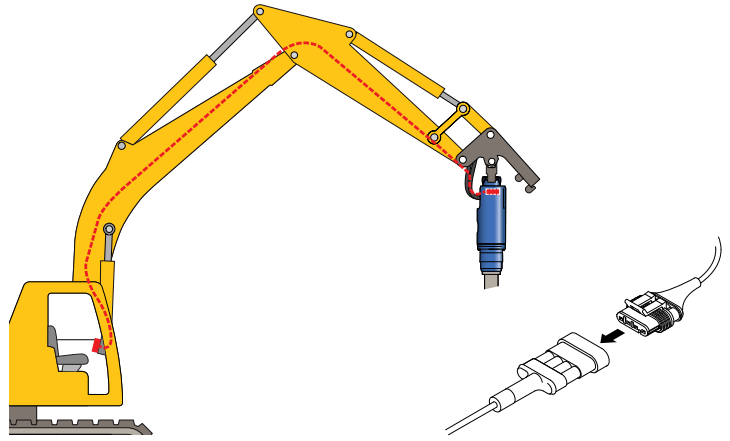
NOTE:

- Sensor must sit flat to the hood top plate.
- At room temperature approximately 50% of ultimate bond strength will be achieved after 20 minutes, 90% after 24 hours and 100% after 72 hours.
- The adhesive strip is very strong. Attempting to remove may cause damage to the sensor.



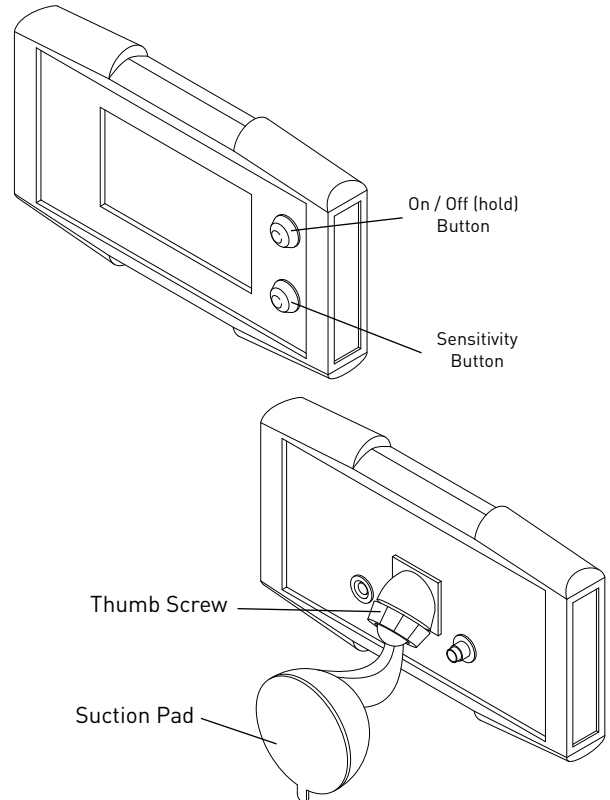
Sensor Cable

Connect the Sensor Cable plug to the Sensor and, starting from the Earth Drill route the cable along the machine to the operator's station. Secure the cable using P clips or cable ties, paying particular attention to pivot and articulation point, ensuring cable is not stretched or trapped.



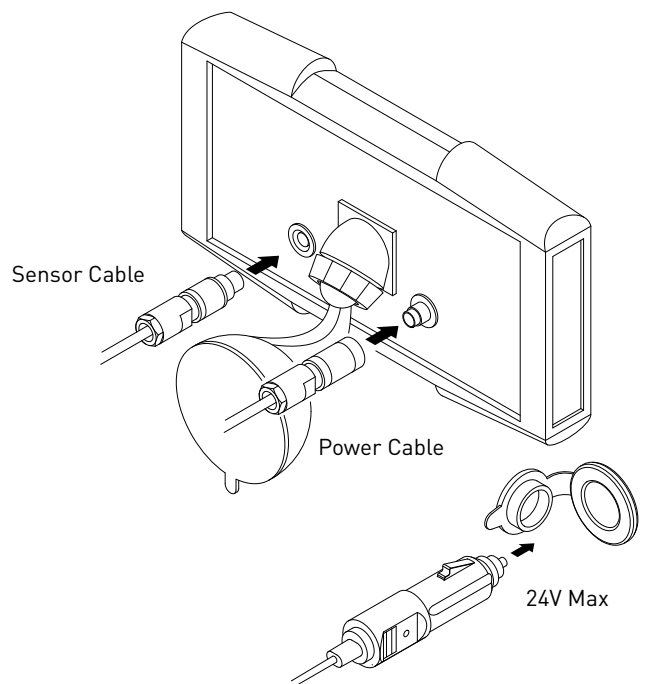
Alignment Monitor

Secure Monitor using the suction pad on any suitable flat surface in a position visible to the operator. The screen can be adjusted up/down left/right by using the central thumb screw on the mounting bracket.



Sensor Cable

With the Monitor in the correct position connect Sensor Cable to the rear of the Monitor.



Power Cable

Connect cable to the rear of the Monitor and the auxiliary power socket.

OPERATION

Press and hold the red On/Off button on the Monitor wait until the display is shown as (Fig 1).

Alignment Calibration

Lift Earth Drill and Auger clear of the ground so they hang free and still. With the Monitor switched on, press and hold the Sensitivity button for 3 seconds display will change to (Fig 2).

The Monitor is now calibrated; this operation will need to be carried out each time the monitor is switched on.

Sensitivity Settings

To change the sensitivity press the black button until the required level is obtained indicated at the bottom right of the screen (Fig3).

There are four sensitivity levels:-

HIGH = 0.5° 1° 2° LOW = 3°

Select the sensitivity setting suitable for your drilling requirements.

Drilling

When drilling keep the white alignment marker in the centre of the circle by using forward, aft, left and right movements (Fig4).

For correct drilling alignment the outer circle should remain green. As the white alignment marker moves away from the centre the outer circle will change to amber and then red

NOTE: When using auger extensions, it may be necessary to use the LOW sensitivity setting to maintain a green light.

Operating Temperature Range:

-40°C to +80°C / 40°F to +176°F

Fig1



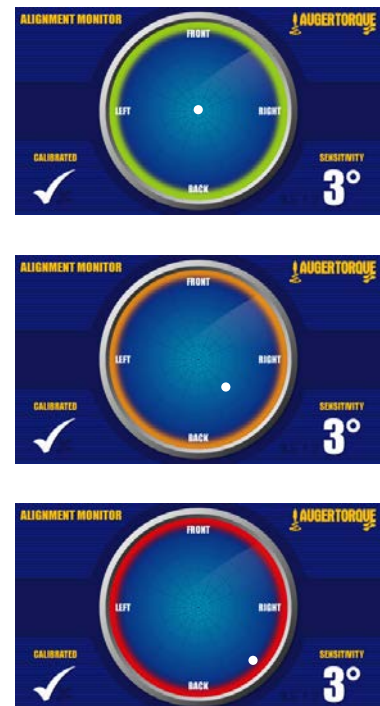
Fig2



Fig3



Fig4



TROUBLESHOOTING	
No power	Check Power Cable and auxiliary socket
No sensing	Check Sensor and Cable
Alignment marker moving in wrong direction	Sensor mounted incorrectly
Auger alignment incorrect	Calibrate Alignment Monitor

WARRANTY STATEMENT

Auger Torque provide a LIFETIME parts replacement warranty on the dislodgement of the Earth Drill shaft and any failure of the Shock Lock system to prevent loss of teeth under normal operating conditions.

All Auger Torque products are warranted to be free from defects in materials or workmanship for the periods summarised below:

- Planetary Gearbox Components - 72 Months
- Hydraulic Motors - 36 Months
- All Other Parts / Products - 12 Months

The warranty periods will commence from Date of Sale by an authorised Auger Torque Dealer. Evidence of the date of sale may be required and for Planetary and Hydraulic Motor warranties to be valid the product must be registered with Auger Torque within 4 weeks of the date of sale. Extended Warranty (> 12 months) Products can be registered by returning the Registration Card or completing the form on page 8. This warranty is not transferable beyond the initial purchaser of the product.

A warranty claim should be reported to the Auger Torque Dealer who supplied the unit. The Dealer, with the technical backup of Auger Torque, will make an initial assessment.

The customer is responsible for returning the product for warranty inspection to the original supplying dealer's facility. Parts should not be delivered without the prior agreement of the dealer or Auger Torque.

During the warranty period Auger Torque, at its option, will repair or replace any parts free of charge determined as defective by Auger Torque. Such repairs will be undertaken by Auger Torque or its nominated representative at an Auger Torque facility or a location deemed suitable by Auger Torque. Auger Torque are not liable for any associated costs relating to a warranty failure.

Parts repaired or replaced by Auger Torque are then covered by this warranty for the remainder of the original warranty as if such parts were original parts.

Products or parts which, as determined by Auger Torques examination, show wear from normal use, have been improperly operated, damaged by accident or negligence, altered or modified are not considered defective and are not covered by this warranty.

This warranty is void if any attempt is made to make field repairs unless these have been pre-approved in writing by Auger Torque.

This warranty is void if the products are not serviced in-line with the instructions in the Operators Manual. Particular care should be taken to perform regular oil changes in gearboxes.

This warranty is exclusive and in-lieu of any other expressed warranties. There are no warranties of merchantability or fitness for a particular purpose. Auger Torque shall not be liable for any consequential, incidental or punitive damages, losses or expenses, including those resulting from or caused by any defects.

As you would expect from Auger Torque, with our extensive experience and product reliability we'll always go the extra mile to keep you working.



ALIGNMENT MONITOR INSTALLATION /OPERATION



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Some products may not be available in your country or region.

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