Snorkel

Operator's Manual

EPV16J

Engine Powered Gasoline



P/N 11088A
May 2006 v4

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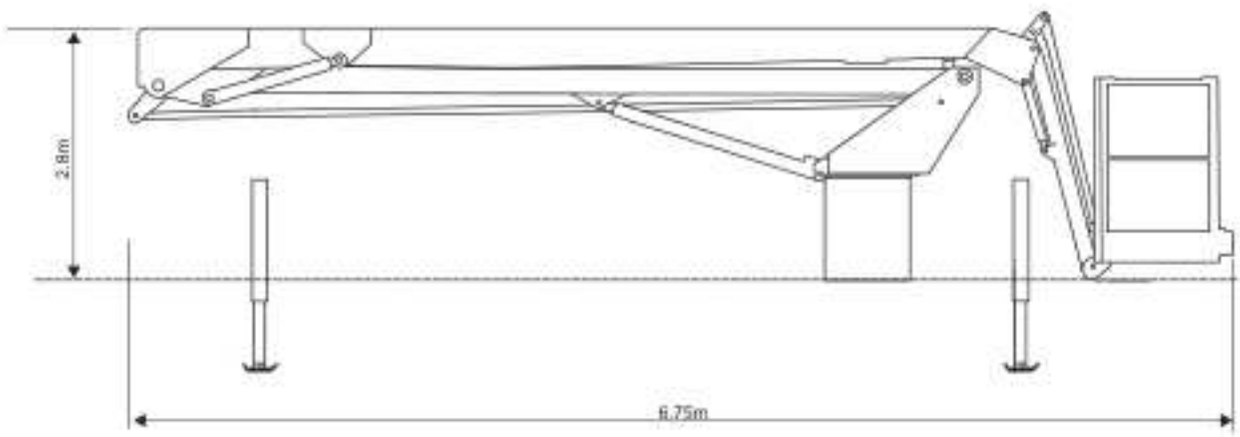
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Chapter 3. Specifications

■ Engine Data

Engine Make	Honda (gasoline)
Model	GX 160
Engine type	4-stroke, over head valve, 1 cylinder
Displacement	163 cm^3 (9.9 cu-in)
Bore x Stroke	68 x 45 mm (2.7 x 1.8 in)
Max. output	4 kW/4,000 rpm
Max. torque	1.1 kg-m (8.0 ft-lb)/ 2500 rpm
Fuel	gasoline
Fuel Grade	automotive gasoline (unleaded or lowleaded preferred)
Fuel consumption	230 g/PSh
Cooling system	Forced air
Ignition system	Transistor magneto
PTO shaft rotation	Counterclockwise
Oil Capacity	0.60 litres (0.60 US qt, 0.53 Imp qt)
Oil Grade	SAE 10W-30

■ Overall Dimensions EPV16J



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Chapter 7. Pre-operational Inspection

At the start of each work day (or 8 hour shift), an EPV16J qualified operator must perform the Pre-operational Inspection as listed in the table below.

The purpose of the Pre-operational Inspection is to keep the EPV16J in proper working condition and to detect signs of malfunction at the earliest possible time.

The EPV16J should be in the STOWED POSITION and the **Master Key Switch** set to OFF before you begin this inspection.

Defective parts and/or equipment malfunctions jeopardize the safety of the operator and other personnel, and can cause damage to the machine.

⚠DANGER

DO NOT operate an EPV16J that is known to be damaged or malfunctioning.

Repair all equipment damage or malfunctions, before placing the EPV16J into service.

■ Pre-operational Inspection Table

Item	Service Required
Engine fuel level	Look to see that the fuel tank is full
Fuel tank cap	Check to see that the cap is tight
Engine oil level	Check oil level (between dipstick lines)
Fuel leaks	Visually inspect (hoses and connections)
Engine coolant	Check that grills are not blocked
Wiring harnesses	Visually inspect (installation, condition)
Battery terminals	Visually inspect (no corrosion)
Battery fluid level	Check fluid level (1/4" or 6 mm below filler neck)
Hydraulic oil level	Visually inspect level (between lines on gauge)
Hydraulic oil leaks	Visually inspect (hoses, tubes)
Bolts and fasteners	Visually inspect (condition)
Structural damage and welds	Visually inspect (weld cracks, dents)
Lanyard anchor points	Visually inspect (condition)
Platform gravity gate	Check condition and operation
Platform guardrails	Visually inspect (condition)
Flashing light (option)	Visually inspect (operation)
Ground control switches	Actuate and inspect for proper operation
Emergency lower	Check operation (causes correct motion)
Platform control box switches	Actuate and inspect for proper operation
RCD/ELCB AC outlet (option)	Check operation
Platform work lights (option)	Check operation
Placards and decals	Visually inspect (installation, condition)

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1. Lower Boom



2. Upper Boom



3. Jib Boom



4. Slew

Figure 8.12 - Ground Control Box Operation Platform Moving Switch Illustration

❑ From Platform Control Box

When you operate from the platform control box, be sure that the lanyard of your fall restraint is attached to an anchor point on the platform mount. Also, be sure the gravity gate is closed. Each of the ways the platform can move is shown in the following photograph and switch illustration:

The photograph shows the platform switches that cause the platform or booms to move.

These platform moving switches, (❶ through ❺), will produce the movement as indicated by the illustration's in Figure 8.15.



Figure 8.13 - Movement Control, Platform Control Box

You must be stepping on the platform foot switch ❻ when you use any of the platform moving switches (❶ through ❺) The platform foot switch is a safety feature to prevent the platform from moving if a platform moving switch, or controller, is accidentally pushed.

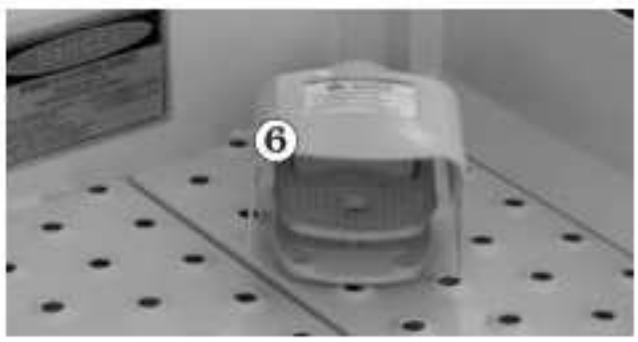
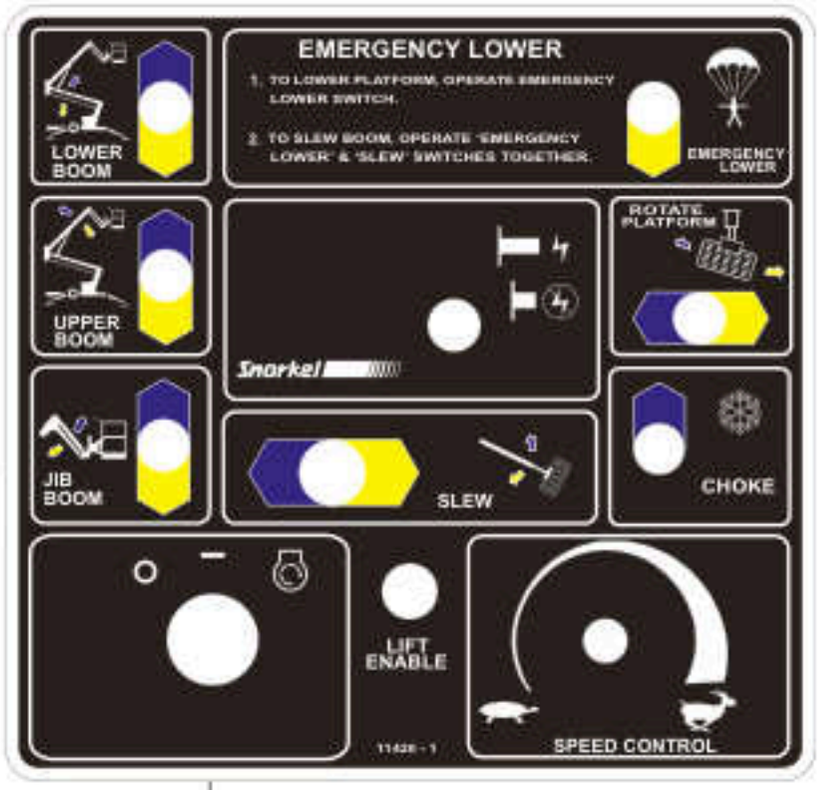
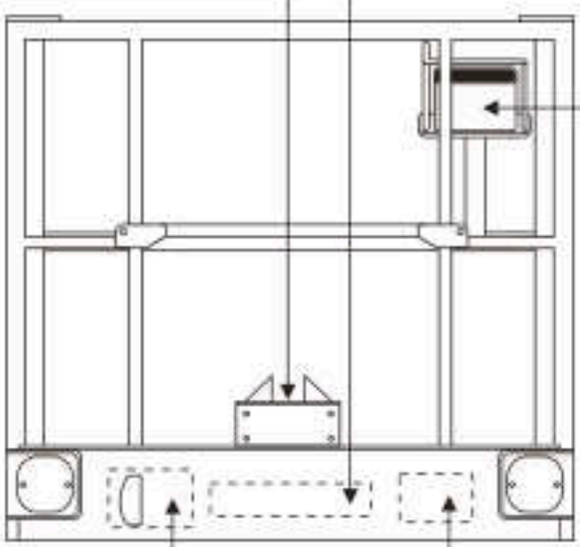


Figure 8.14 - Platform Foot Switch

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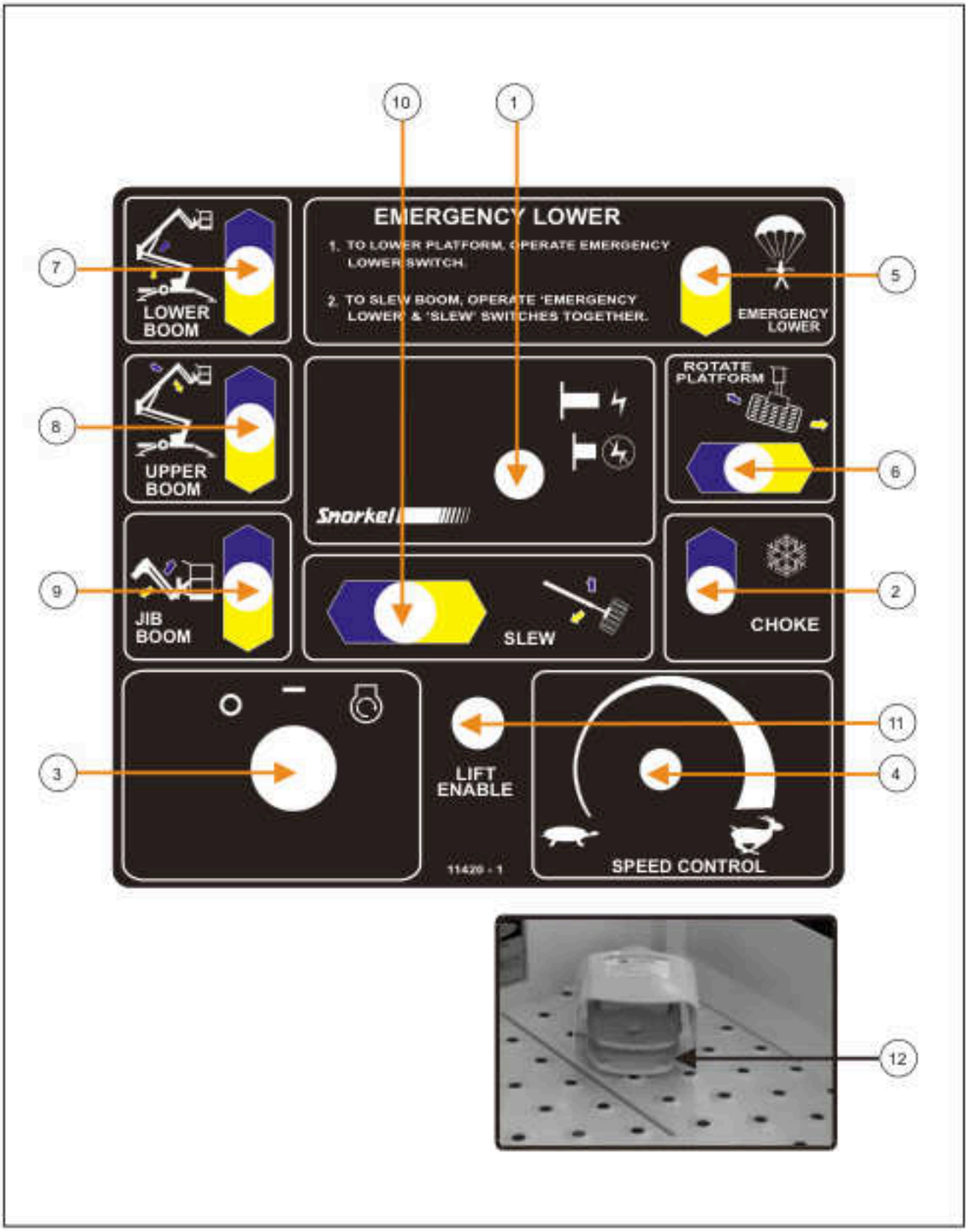


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❑ Platform Control Box Controls



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