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# **UPDATE**

## **1995 OPERATOR'S GUIDE (P / N 414 9141 00)**

### **FORMULA III**

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## Concerning FORMULA III Only

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### 3) Parking Brake Button

Formula III is equipped with an hydraulic brake. The parking brake mechanism is different from all other models using a mechanical brake. Parking brake operation should read as follows :

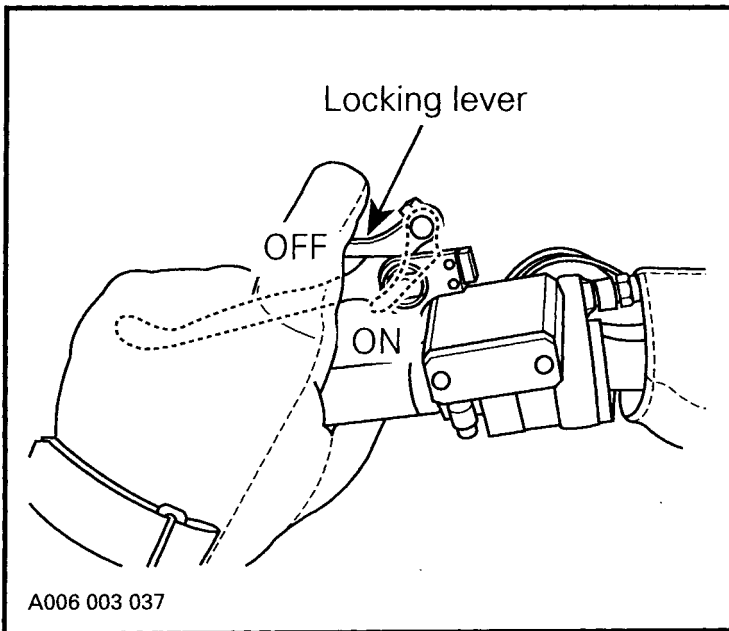
Located on left side of handlebar. Parking brake should be used whenever snowmobile is parked.

Whenever parking brake is applied and engine is running, injection oil level pilot lights up to remind you that parking brake is engaged.

To **engage** mechanism, squeeze brake lever and maintain while pulling locking lever with a finger. Brake lever is now compressed half-way applying brakes.

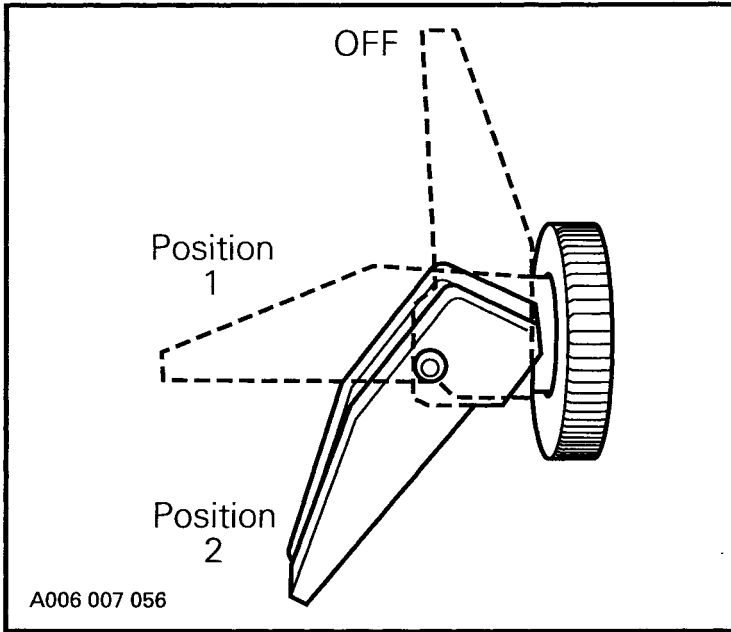
To **release** mechanism, squeeze brake lever. Locking lever will automatically return to its original position. Brake lever now returns to rest position. Always release parking brake before riding.

◆ **WARNING : Make sure parking brake is fully disengaged before operating the snowmobile.**



### **11) Primer Button**

Instead of a primer the Formula III is equipped with a choke. This device features a 3-position lever to facilitate cold start.



#### **Initial Cold Starting**

Move choke lever to position 2. Start engine without activating throttle lever. Let it idles for about a minute then, move to position 1. When engine reaches a rough idle or a normal temperature, release choke (OFF position).

#### **Cool Engine Starting**

Move choke lever to position 1. Start engine without activating throttle lever. When engine reaches a rough idle or a normal temperature, release choke (OFF position).

#### **Warm Engine Starting**

Do not activate choke.

<b>GENERAL</b>	<b>FORMULA III</b>
<b>Drive Belt</b>	
—Number	414 9182 00
—New belt width mm (in)	35.2 (1-3/8)
—Wear limit width mm (in)	33 (1-19/64)
<b>Spark Plug</b>	
—Type	NGK BR9ES
—Gap mm (in)	0.45 (.018)
<b>Track</b>	
—Tension mm (in)	45-50 (1-3/4 — 2) ①
—Alignment	②
<b>FLUIDS</b>	
<b>Fuel</b>	
—Type	③
—Tank capacity L (US gal)	42.1 (11.1)
<b>Oil (engine)</b>	
—Type	④
—Tank capacity L (US oz)	4.1 (138.7)
<b>Chaincase Oil</b>	
—Type	⑤
—Capacity mL (US oz.)	350 (12)
<b>Cooling System</b>	
—Type	⑥
—Capacity L (US oz)	4.7 (159)
<b>Brake System Fluid</b>	
—Type	DOT 4

- ① Measure gap between slider shoe and bottom inside of track when exerting a downward pull of 7.3 kg (16 lb) to the track.
- ② Equal distance between edges of track guides and slider shoes.
- ③ Regular unleaded gasoline with a minimum octane number of 87 (pump octane number).
- ④ Bombardier Injection Oil (P / N 496 0133 00 - 1 L).
- ⑤ Bombardier Synthetic Chaincase Oil (P / N 413 8028 00).
- ⑥ Ethylene-glycol antifreeze for aluminum engines mixed with water (3 parts of anti-freeze for 2 parts of water).