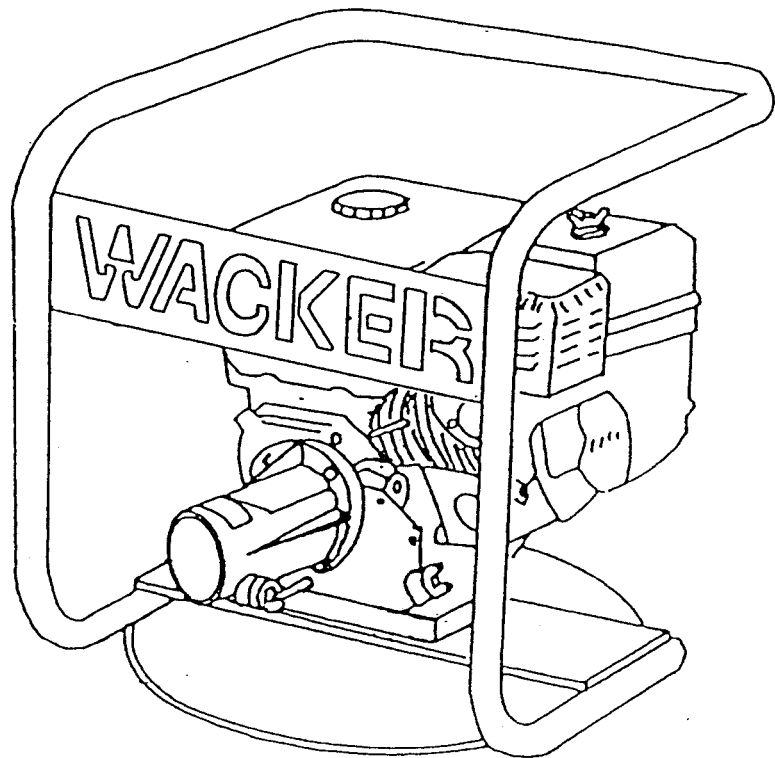


# WACKER

## HD 3.7



**WACKER AUSTRALIA PTY. LTD.**

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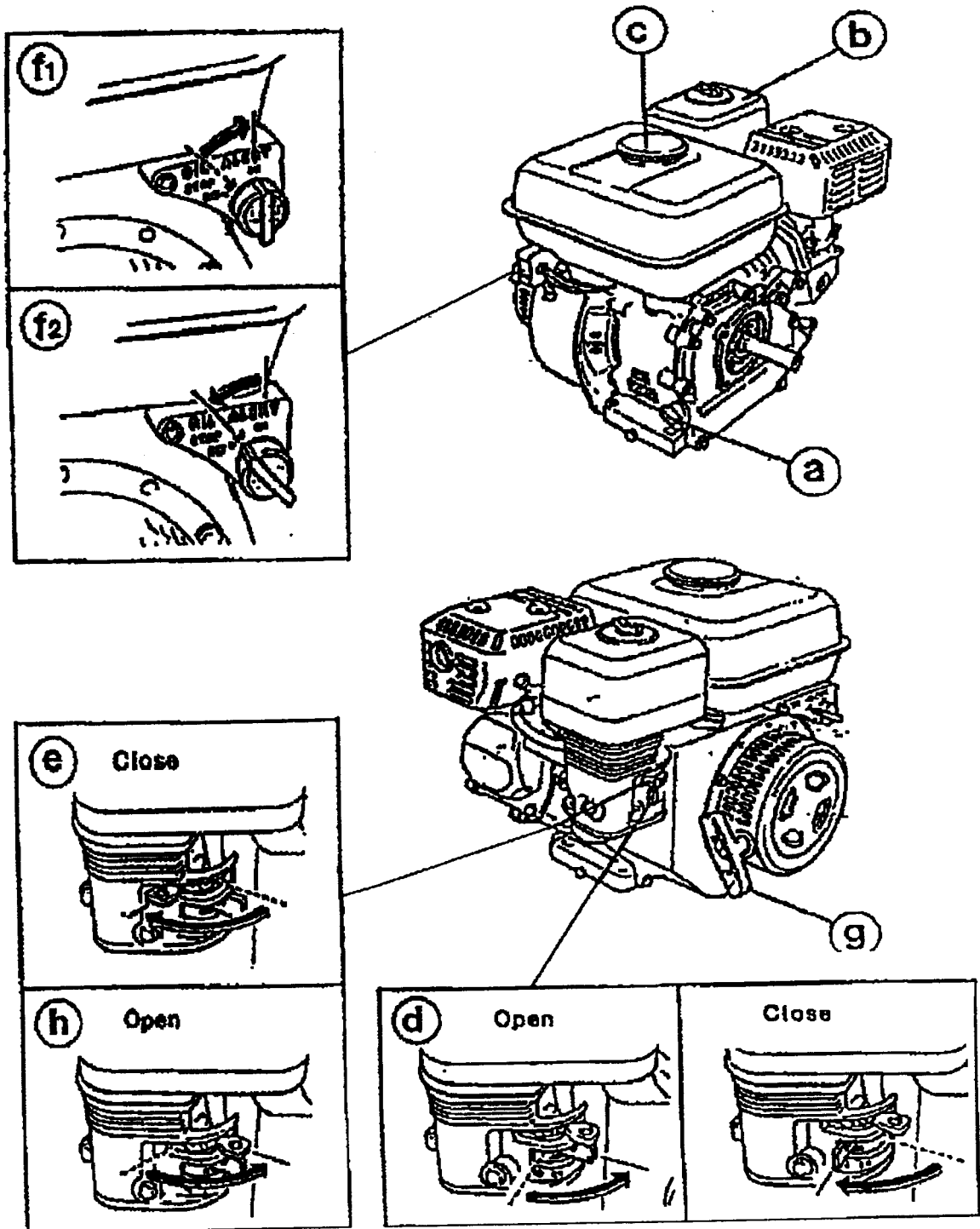
Brisbane: Unit 2, 6-8 Pendrey Crt  
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Auburn,  
N.S.W. 2144  
Phone: (02) 9748 0366  
Fax: (02) 9748 0774



WACKER MODEL HD 3.7



# WACKER MODEL HD 3.7

## OPERATION

### BEFORE STARTING

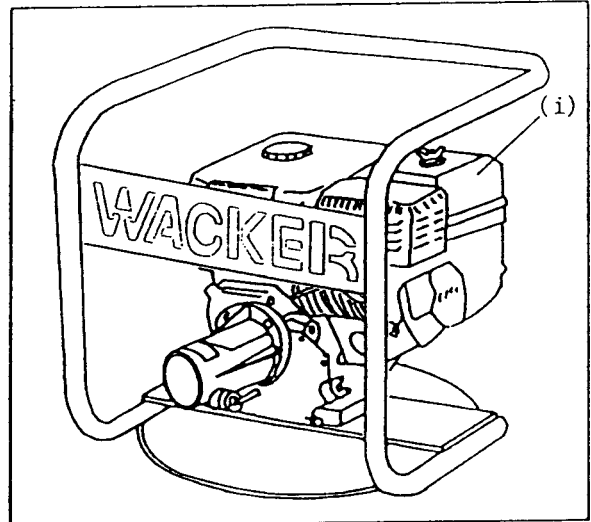
Check:

1. Engine oil (a)
2. Air cleaner (b)
3. Fuel level (c)

Read "Safety First".

### TO START

1. Open fuel valve (d)
2. Close choke (e)
3. Turn engine switch to "ON" (f1)
4. Pull starter rope (g)
5. Open choke (h) as engine warms up



### TO OPERATE

Accelerate engine by opening throttle control (i) fully.

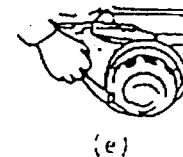
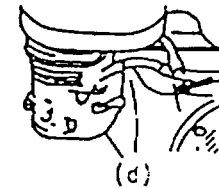
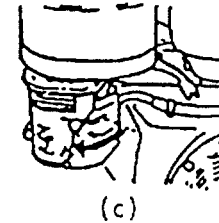
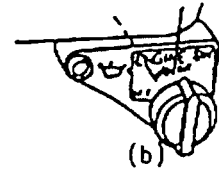
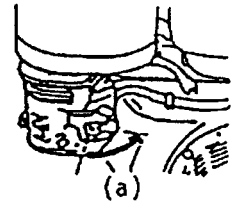
### TO STOP

1. Retard throttle lever (i)
2. Turn engine switch to "OFF" (f2)
3. Close fuel valve (d)

## WACKER MODEL HD 3.7

### 4. STARTING THE ENGINE:

- a) Turn the fuel valve to the ON position.
- b) Turn the engine switch to the ON position.
- c) Move the choke lever to the CLOSE position. **NOTE:** If the engine is warm or the air temperature is high, move the control lever away from the **CHOKE** position as soon as the engine starts.
- d) Move the throttle lever slightly to the left.
- e) Pull the starter grip lightly until resistance is felt, then pull briskly. **CAUTION:** Do not allow the starter grip to snap back against the engine. Return it gently to prevent damage to the starter.



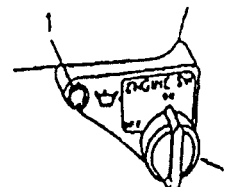
### 5. OPERATION OF ENGINE:

As the engine warms up gradually move the choke lever to the **OPEN** position. Position the throttle lever for the desired engine speed.

#### Oil Alert System:

The Oil Alert system is designed to prevent engine damage caused by an insufficient amount of oil in the crankcase. When the oil level in the crankcase falls below the safe limit, the Oil Alert system will automatically shut down the engine (the engine switch will remain in the **ON** position). If the Oil Alert system shuts down the engine, the Oil Alert lamp will flash when you operate the starter, and the engine will not run. If this occurs, add engine oil.

- (1) Oil Alert Lamp.
- (2) Engine Switch.



## WACKER MODEL HD 3.7

### OPERATION

#### GENERAL TIPS FOR OPERATORS:

1. Always make sure engine is switched OFF before attempting to connect flexible shafts.
2. To connect flexible shaft, (with engine switch in OFF position) turn trigger 180° to allow coupling to enter bell housing past the trigger lock, then turn engine over by pulling the rewind slowly keeping slight pressure on the coupling inwards till the coupling fully engages and the trigger springs back to locking position.
3. Start engine as per normal starting instructions (page 9).
4. To disconnect shaft (again with engine switch in OFF position) turn trigger 180° and move shaft out of the bell housing.

#### HONDA ENGINE:

1. MODEL GX 160 QX is stamped on the engine housing. Parts for the HONDA engine are available from WACKER or from HONDA dealers.
2. The engine speed has been set in our factory at 2800 RPM, being the optimum speed required for efficient operating performance of the flexible shaft vibrators/pumps.

#### OPERATION OF ENGINE:

##### 1. OIL LEVEL CHECK:

Insert dipstick in oil filler neck, but without screwing in. If oil level is low, fill to the top of the oil filler neck with high grade SAE 15 W 40 oil.

##### 2. DUAL-AIR CLEANER DUAL ELEMENT TYPE:

Check the air cleaner elements to be sure they are clean and in good condition. Clean or replace the elements if necessary.

##### 3. FUEL:

Use any regular grade automotive petrol (unleaded petrol is preferred) with pump octane rating of 86 or higher.

Never use an oil/petrol mixture or dirty petrol. Avoid getting dirt, dust or water in the fuel tank.

**CAUTION:** Petrol substitutes are not recommended, they may be harmful to the fuel system components.