

MINI 150 MIXER WITH HONDA GX120 ENGINE

The following instructions on the importance of the oil level apply to the Mini Mixer 150 with the Honda GX120 engine.

These are guidelines to follow should difficulty in starting the machine be experienced.

The GX120 engine used on the mixer has an oil alert system fitted so it is very important correct oil level is maintained.

Low oil level will activate the alert system, and cut the engine.



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LIGHT
CONSTRUCTION
EQUIPMENT



The machine comes with engine oil attached to the frame as shown.

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Fill the engine with the oil provided and ensure ALL the contents of the bottle are used.

Note position of machine, slightly forward to allow an easy fill.

CORRECT POSITION



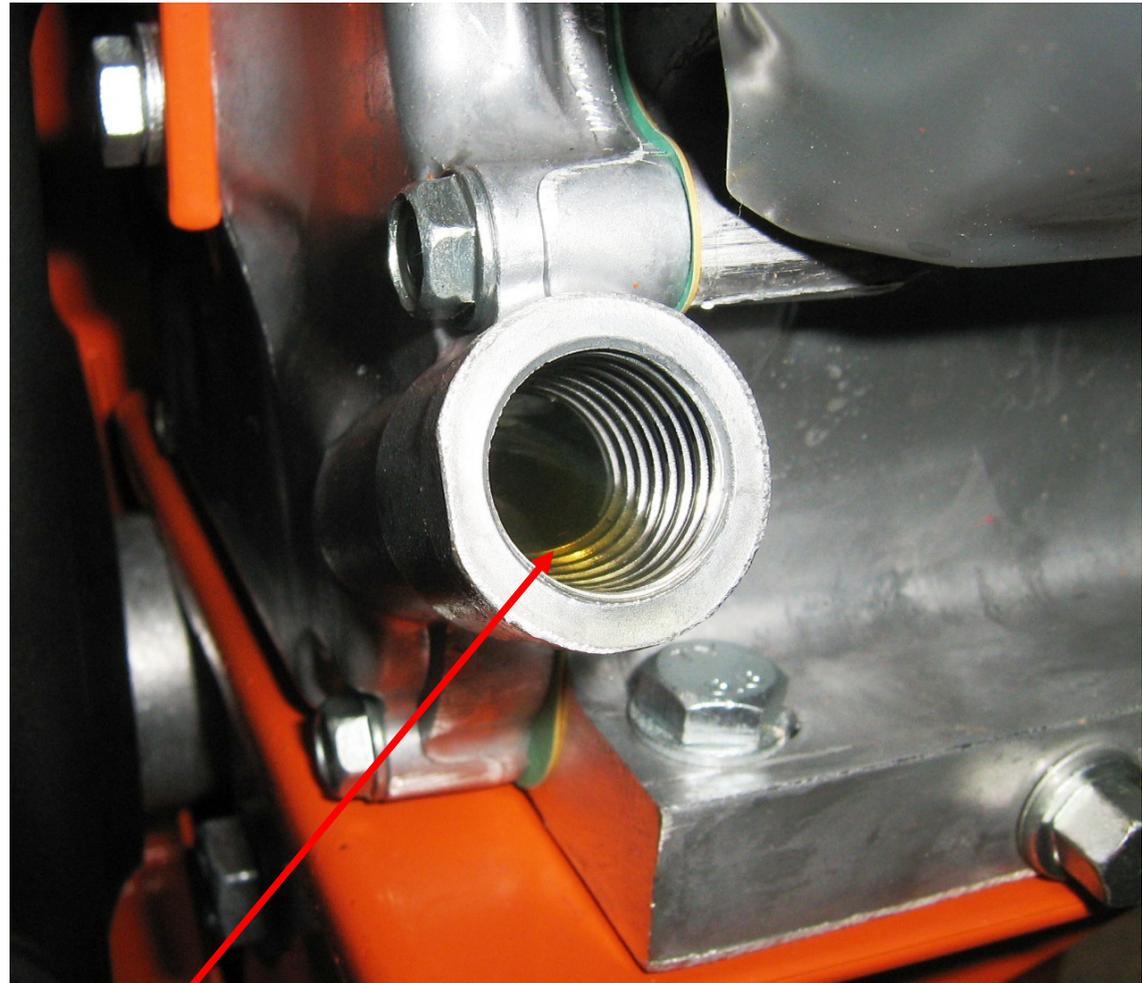
Now check the oil level,

Note position of machine when doing this,

Engine should be level to the eye, support rear leg to achieve this if necessary as shown.



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In this position the oil should be visible at the bottom of the thread.

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Do NOT check the oil in this position as this will allow oil to spill out, and then the oil alert will operate, and as a result the machine will not start.

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Oil level
check.



Machine checked in this position is correct , note person lifting mixer up so that engine is level to the eye.



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Do NOT transport mixer this way, otherwise oil will run into carburettor and also to the top of the piston.

The result will be starting problems.

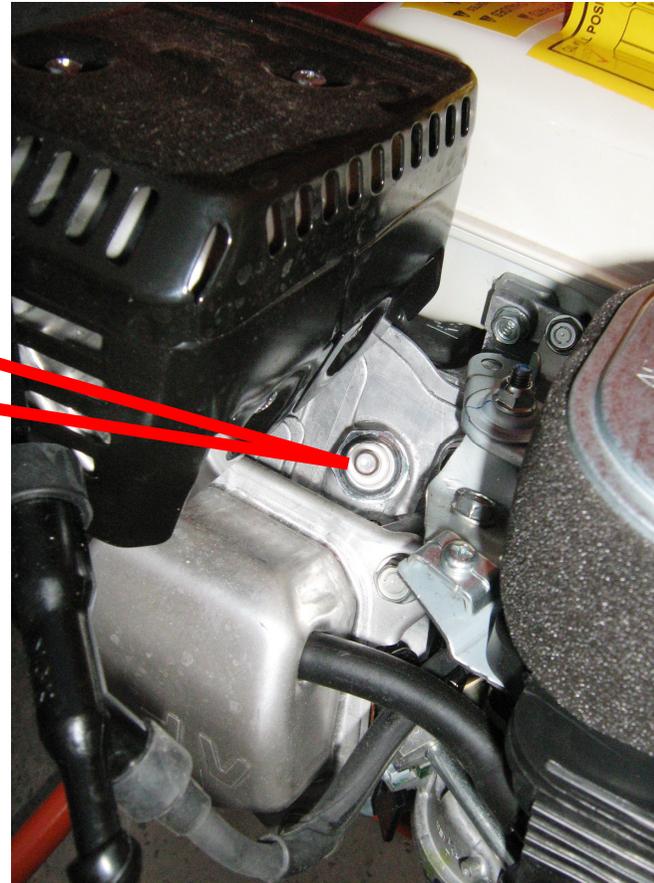
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Problem,

Machine will not turn over on pulling pull cord.



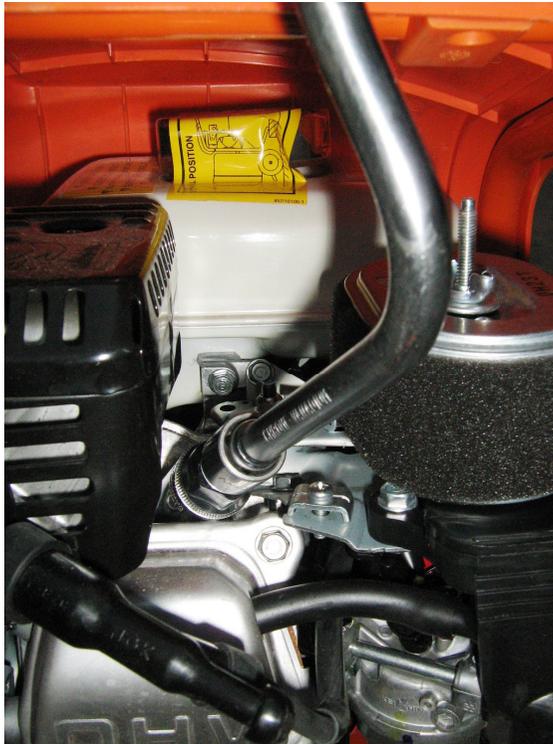
This Could be due to oil in the cylinder which in turn will cause hydraulic lock , which gives the impression of a seized engine.



To confirm this the
spark plug will need to
be removed.



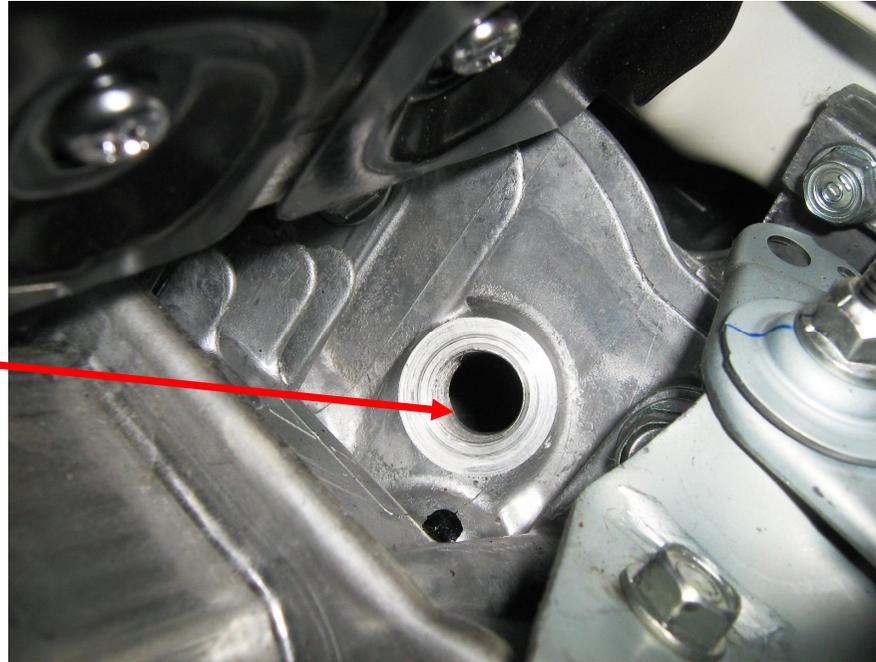
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Using suitable plug socket and speed brace, or similar, carefully remove the spark plug, Note spark plug socket size is 21mm.

Take extra care not to cross thread spark plug on replacing.

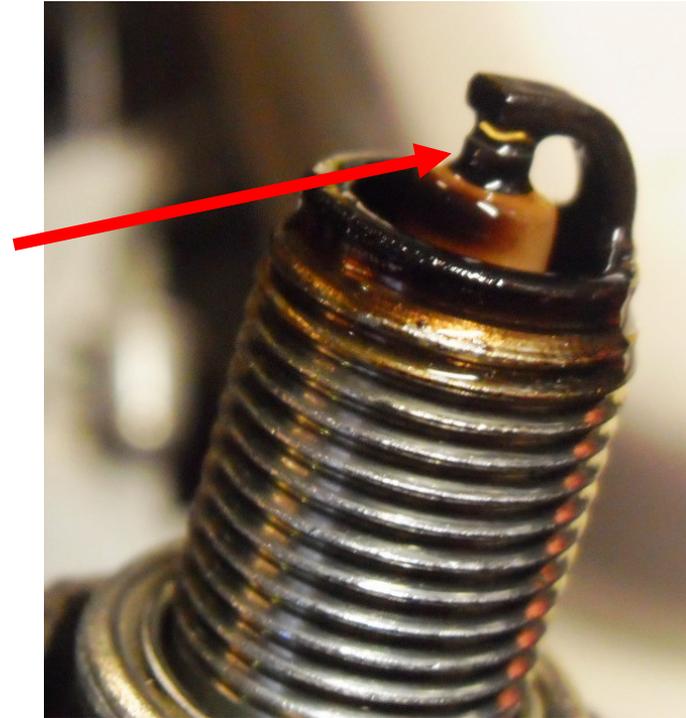
Spark plug
removed



With spark plug removed carefully pull engine over with starter cord, this will then allow any excess oil to be released from the cylinder,

Cover the hole with a cloth to catch oil spillage.

Check spark plug,
If oil is present (as in
picture) then the spark
plug will need to be
cleaned.

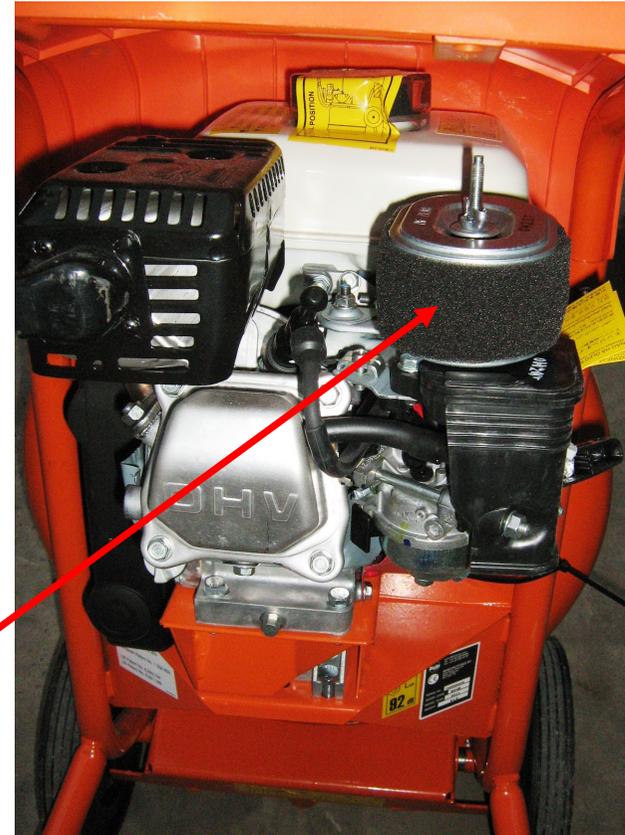
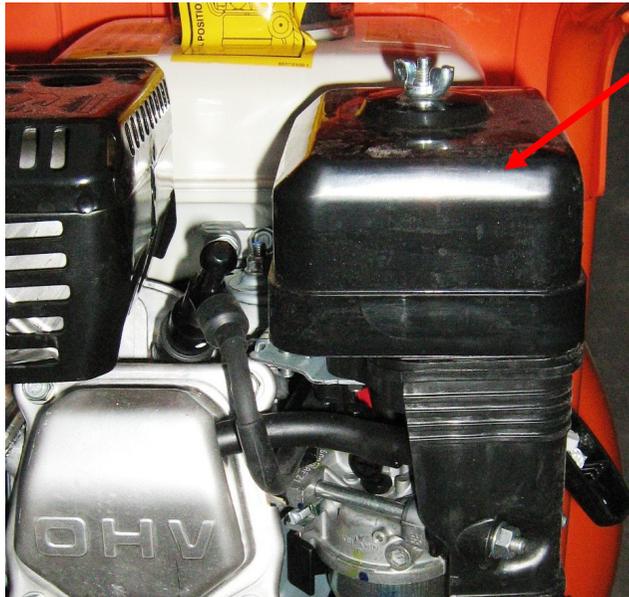


If oil is present in the air filter , then there is a good chance that it may have also contaminated the carburettor,

If this is the case then the carburettor will need to be cleaned.

A separate presentation on this is available if required.

Remove air filter cover.



Check also for any oil which has gone into the air filter



Remember;

Check oil level in correct position,

Do not transport mixer tipped on its back.

Check oil level regularly.

Follow instructions in operator manual.