

## Ramiro Martinez

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**From:** Jose L. Villagran  
**Sent:** Friday, May 29, 2015 9:27 AM  
**To:** Jose E. Gonzalez  
**Cc:** Miguel Villarreal; Ramiro Martinez  
**Subject:** unit 1528.....

Good morning Mr. Gonzalez, as per your request, questions regarding the unit in question.

The unit was brought in due to stalling after the heavy rains we had a few weeks back. The inspection of the unit was done and found the engine to be locked up. We verified our findings by removing the spark plugs, when the spark plugs are removed there is no compression in the cylinders and causes the engine to turn with ease.

We turned the engine and it stopped at not even at a 1/4 of a turn. We then turned it the other way, same result.

This is an indication of a bent rod, definitely internal damage.

The chargers have the engine too low to the ground this might have been a factor to which the intake system was filled with water. I'm thinking that the cold water touching the hot engine might have been another factor.

I recommend that the engine be checked by the "out of shop" repair facility, In my opinion, it would be best if they install a rebuilt engine or a new engine. Due to the cold water and hot engine other internal damage might be found at time of disassembly. Then it will be more expensive in the long run.

We have the unit here in case the department wishes to stop by to have us show the damage.

If you have any questions or concerns please let me know.

Thank you.

Villagran.

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