

Subject		ENGINE HARD STARTING ISSUES	
Effective date :	05/05/2015	Document number :	CF2015-010T
Vehicle(s) involved :		X550, X550 EPS.	
Person(s) concerned by this information :		After-sales manager & warranty manager & technicians	

Ladies and Gentlemen,

We wish to advise all CFMOTO ATV Dealers that we have received several reports from dealers who have customers who have purchased the new X550 ATV models and are experiencing issues with starting the engine cold and restarting the engine, once turned off when hot. (E.g. the engine turns over on the starter motor for extended rotations before starting).

An in-depth investigation has been undertaken by Mojo Motorcycles and CFMOTO to find the possible reason for this issue and there is a possibility that a small number of vehicles camshaft decompressor may be the cause.

Should you receive customer calls with difficulties with cold starting and hot restarting, please follow the inspection and repair methods as outlined below.

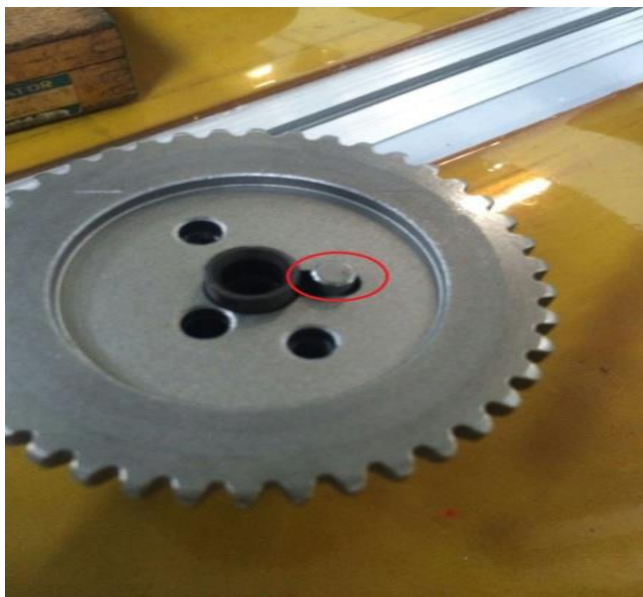
Inspection:

1. Remove the fuel tank outer top cover, instrument cowl, fuel tank, RH side engine cowl, drain coolant and remove top radiator hose, then remove the engine cylinder head cam cover.
2. Place a clean cloth or rag under the camshaft sprocket to reduce the likelihood of any objects falling inside the engine. Remove the camshaft decompressor 8mm centre bolt and remove the decompressor assembly from the end of the camshaft.
3. Once the decompressor assembly has been removed, inspect the locating pin and if it is protruding more than 0.5mm, it will cause the engine decompressor to jam and cause difficult starting.

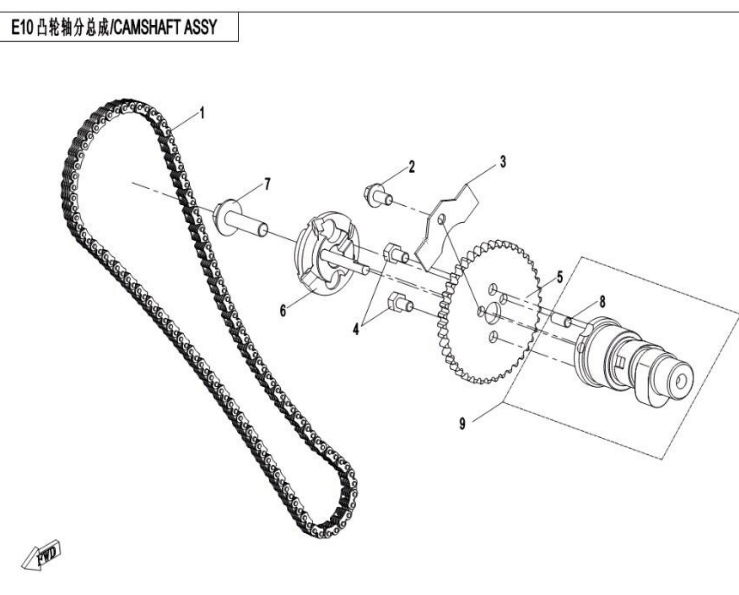
Correction:

4. Use a pin punch and lightly tap the camshaft chain sprocket locating pin inwards, until it is fully seated. (you will hear and feel when the locating pin is fully seated).

1.Photo of faulty decompression locating pin.



2. Camshaft decompressor assembly illustration



5. Refit the decompressor assembly back into the camshaft , add thread locking agent to 8mm decomp mounting bolt and retension bolt to 30Nm. Operate the decompressor to ensure that the decomp weight moves freely through out its range to ensure it is not binding.

(We also recommend you check engine valve clearances, whilst cam cover is removed.)

Valve Clearances: Inlet: 0.08 - 0.12mm Exhaust: 0.12 – 0.18mm

6. Remove rag / cloth from cam chain tunnel, clean cam cover, gasket and cylinder head mating surfaces, refit cam cover and retension cam cover mounting bolts to 8Nm.
7. Refit all other parts removed.

Parts Required:

None.

Warranty Information:

Main causal part number : 0800-024002

Dowl pin, sprocket., (item #8 in above parts illustration)

FRT Labour : 40 mins.