

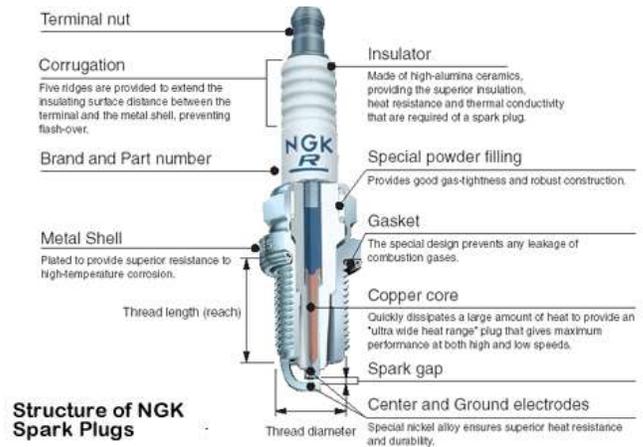
Tips of Starting Parsun Portable 4-Stroke Outboard Motors

1). Shift the gear to its NEUTRAL position. If you could not switch the gear when the motor fully stopped, you may manually turn the prop for about 1/4 to half circle, so the internal gears can move to a proper position and let you switch the gear more easily. Do NOT touch the prop when the motor is running. Once the motor is started at gear Neutral position, you should be able to fast switch the gear within 1500 RPM. It should be smooth and quiet.

2). When you try to start the motor after being stored for a long time (Eg. winterization), after being transported on land, or after being laid down for a while, there may be a small amount of engine oil getting into the cylinder. This very small amount of engine oil would cause some smoke from the motor's exhaust system for only a few seconds once the motor is started. This little amount of engine oil may also cover the spark plug pointed electrode. It is good for you to check it and make sure the electrode is dry and without any motor oil. Otherwise, you may use some pure gasoline from the fuel tank to clean the spark plug.

As an option in some cases, dropping a very small amount of gasoline (Eg. approximate 3ml to 5ml) into the cylinder may help start the motor for the first time. Required tool: 5ml plastic needle. Please only work in a safe, open and large enough outdoor area. Wear personal protective equipment and keep children away.

3). If needed, check if any spark on pointed electrode on the spark plug. You may need to let the spark plug metal shell (casing) touch the motor sump as its ground. Be careful of electric shock which may hurt the finger. It is better to work with another person. Also make sure the spark plug terminal nut in the rubber boot is well connected with the wire socket.



4). Carburetor fuel level check. When you feel the motor was hard to be started, you may want to check the fuel level in the carb. Either no fuel or too much fuel can cause the motor hard to be started. There is a copper drain bolt located at the bottom of carburetor. Slowly unscrew the drain bolt to check the fuel level in the Carburetor. If you find no fuel in it, then you can slowly pump fuel into the carb from the fuel line until you can see some fuel leaking from the carb's drain hole. If too much fuel in the carb, let the fuel drain out completely. Then place the drain bolt back in the position.

5). After seasonal use, please also make sure you can complete winterization tasks for the motor. Scheduled and routine maintenance helps the motor start again in next boating season and save you expensive repair service cost. Storage temperature is 10c-25c the best.

NOTE:

- **Do NOT mix any 2-stroke or 4-stroke engine oil into the gasoline (fuel). This is a 4-stroke outboard motor.**
- **Do NOT forget to add 4-stroke engine oil (10W-30) into the engine (sump) before starting the motor.**

Reference guide : Parsun Portable 4-Stroke Outboard Motor - Motor Oil & Fuel Service Guide.PDF