



# Four Stroke Karting

TORINI CLUBMAXX 210

Engine Technical Specifications

Version 1.0 – April 2019

## Overview

All components must remain as supplied by the manufacturer (OEM).

Engines can be compared against a known OEM engine to ensure the engine is eligible.

The engine serial number must always be visible and all four TCSEAL engine seals must be intact.

## Specifications

<b>Description</b>	<b>Measurement or part number</b>
Engine type	Single Cylinder, 4-Stroke, Forced Air Cooling, OHV25°
Displacement	211.66 cc
Bore and stroke	70 X 55
Starting mode	Pull Start
Lubrication	Splash Feed
Oil capacity	500ml
Cooling system	Forced Air Cooling
Ignition system	T.C.I Digital Ignition limited to 6100rpm
Horsepower	10Hp / 7.4Kw @ 5,600rpm
Torque	15Nm @ 3,400rpm
Valve springs	18lb valves springs, 2 active coils, 21.35 width, 23.5 height, wire diameter 2.625mm
Carburettor	19mm Venturi Butterfly Type (P/N: TC25SEK)
Carburettor manifold	CNC Billet Type (P/N: TC21046)
Torini race air filter	TC25042
Torini foam pre-filter	TC25043
Wet weather kit	TC25050
Muffler	RLV - Model TC25060 Weight 660gms
Clutch – High performance (Can be mounted in board or outboard).	Noram GE Ultimate Spring (Red) NA020 2200rpm engagement Spring (White) NA030 2700rpm engagement Sprocket sizes: Open
Clutch – Standard (Can be mounted in board or outboard).	Noram GE [Full steel shoes] Spring (Red) NA020 1950rpm engagement Spring (White) NA030 2450rpm engagement Sprocket sizes: Open
Spark Plug	NGK - BPR6ES
Timing	25 Degrees
Compression	8.5 to 1
Oil	P/N: TRO1031 - Engine Run in Oil P/N: TRO1000 - Engine Racing Oil
Cylinder head	Part Number: 120080532
Crankshaft	Part Number: 130290178
Connecting Rod	Part Number: TC2505
Piston	Part Number: 130020297
Flywheel	Min Weight 2.48kg, 24 fan blades, Min Fan Weight 110g, Outer blade diameter 169.5mm, Outside body diameter 170mm, Min blade height 29mm.
Engine Adapter Plate	Part Number: TC25000
Racing Oil	P/N: TRO1031 - Engine Run in Oil (1 Litre) P/N: TRO1000 - Engine Racing Oil (1Litre)