



# HOMOLOGATION AND TECHNICAL SPECIFICATION UPDATE BULLETIN

HOMOLOGATION	Torini Clubmaxx 210	HOMOLOGATION NO.	109H
BULLETIN NO.	109H-2	BULLETIN DATE	25-01-18
SUBJECT	TC210 Clubmaxx: Clutch update		

The information and specifications contained in this Homologation and Technical Specification Update Bulletin are to be read in conjunction with and form part of the homologation detailed herein.

## EXPLANATORY NOTES SUPPLIED BY THE MANUFACTURER’S REPRESENTATIVE.

**Clutch:** Mounting position, shoe settings and spring tension.

**Function:** The engine crankshaft is connected to the input of the clutch via a keyed shaft, while the output sprocket is connected to the drive axle by chain. Centrifugal force is used to engage the clutch shoes, thereby transmitting power from the engine to the drive sprocket.

**Rational:** Versatility of design allows for inboard or outboard mounting of the sprocket, 3 different shoe engagement settings, as well as 2 different spring tensions. This allows the clutch be "tuned" to suit a karts unique characteristics. With a tuned clutch and proper gearing, you will feel an even pull coming out of the corners and constant acceleration on the straights.

- Increased flexibility in kart setup and track “tuning”
- Apply peak engine torque for maximum performance
- Provide overload protection for operator and equipment safety
- Reduced vibration (if the kart Chatters or shakes try a softer “smooth” shoe position)

## Homologation Document Reference



Heading: D.4 CLUTCH, page 18

### Details

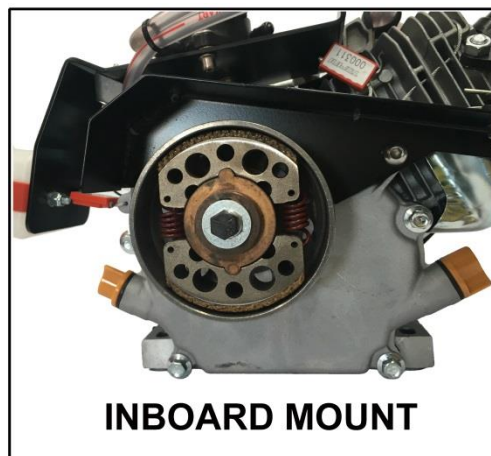
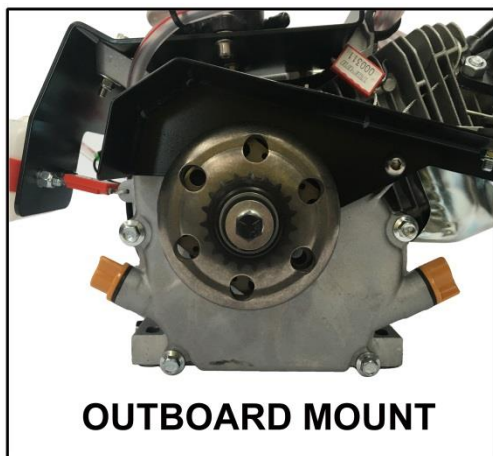
## TC-GEL19219 NORAM (Ultimate) Clutch

**Accepted variants:**

- Spring Types

<u>Spring Part No.</u>	<u>Spring color</u>	<u>Engagement</u>	
01000020	Red	2200 rpm	
01000030	White	2700 rpm	

- Sprocket Orientation



- Shoe Settings

Outboard Rotation



**SETTING - 1**

**RAPID ENGAGEMENT**

Outboard Rotation



**SETTING - 2**

**MODERATE ENGAGEMENT**

Outboard Rotation



**SETTING - 3**

**SMOOTH ENGAGEMENT**

Note: Illustration below, shown as viewing the open clutch end of an inboard mount:

Inboard Rotation



**SETTING - 1**

**RAPID ENGAGEMENT**

Inboard Rotation



**SETTING - 2**

**MODERATE ENGAGEMENT**

Inboard Rotation



**SETTING - 3**

**SMOOTH ENGAGEMENT**