

# Map Tun

lowersports  
**VTECHTUNED**

## Installation manual for Yamaha Sidewinder Clutch Kit [005-104]



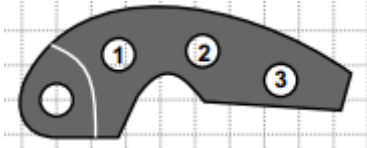
### Kit includes:

- Helix in 7075 Aluminum
- 24x Magnet weights coated with nickel, 2gr / each.
- 3x Weight arms 68gr / each
- Spring for primary clutch
- Spring for secondary clutch

## Read before use

The target RPM Range you are shooting for is between 8900-9200rpm.

You will find recommended starting points for each power level and model on the next page.



*Position of weights.*

Area 1 is managing low-range

Area 2 is managing mid-range

Area 3 is managing top-end

When adding weight to a particular point, the clutch will upshift harder in that area and RPMs will tend to drop.

If you subtract weight from a particular hole, the shift rate will be softer and RPMs will tend to rise.

When you find your final setting, be sure to place SAF-T-LOK blue or Loctite 242 blue on each threaded component.

## Recommended start setup

### **137" + 141"**

#### *Stage 1*

Only helix and springs. Preload Helix:  $0+2 = 60$  degrees

#### *Stage 2-4*

Primary spring: Black

Secondary spring: Red

Preload Helix:  $0+3 = 90$  degrees

Weight amount area 1: 2

Weight amount area 2: 2

Weight amount area 3: 1

### **153"**

#### *Stage 1*

Only helix and springs. Preload Helix:  $0+2 = 60$  degrees

#### *Stage 2-4*

Primary spring: Black

Secondary spring: Red

Preload Helix:  $0+3 = 90$  degrees

Weight amount area 1: 3

Weight amount area 2: 2

Weight amount area 3: 1

**162”**

*Stage 1*

Only helix and springs. Preload Helix:  $0+2 = 60$  degrees

*Stage 2-4*

Primary spring: Black

Secondary spring: Red

Preload Helix:  $0+3 = 90$  degrees

Weight amount area 1: 3

Weight amount area 2: 2

Weight amount area 3: 1