

Ulmer Racing

Yamaha Sidewinder Clutch Chart

www.ulmerracing.com

Phone: 605-387-2833

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Stock Horsepower Level

Primary Spring	Pink
Heel	2 washers
Mid	Empty
Tip	Tungsten Insert & 2 Washers

2.5" Aftermarket Muffler & Fuel Only Reflash

Primary Spring	Pink
Heel	2 washers
Mid	Empty
Tip	Tungsten Insert & 2 Washers

2.5" Aftermarket Muffler & 12.5 lbs Boost Reflash

Primary Spring	Pink
Heel	2 washers
Mid	Empty
Tip	Tungsten Insert & 2 Washers

2.5" Aftermarket Muffler & 14 lbs Boost Reflash

Primary Spring	Pink
Heel	2 washers
Mid	Empty
Tip	Tungsten Insert & 4 Washers

2.5" Aftermarket Muffler & 16 lbs Boost Reflash

Primary Spring	Pink
Heel	2 washers
Mid	Empty
Tip	Tungsten Insert & 4 washers

***Stock & Stage 0 target operating RPM is 8700 to 9000 rpm.

***Stage 2, 3, & 4 tunes target RPM is 9150-9400 rpm.

***Washer placement on weights may change, contact us if you have any questions.

Heel = closest to the pin that goes through the weight

Mid = middle location on weight

Tip = furthest out from pin

Any time you use 3 washers or less, use an O-ring under the washers.

When using 4 washers, no O-ring is needed.

A tungsten insert is 7 grams of mass, a washer is 1 gram of mass.

Make sure all weights are setup identical & washer placement from side to side is the same.

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3" Aftermarket Muffler & Fuel Only Reflash

Primary Spring	Pink
Heel	2 washers
Mid	Empty
Tip	Tungsten Insert & 4 Washers

3" Aftermarket Muffler & 12.5 lbs Boost Reflash

Primary Spring	Pink
Heel	2 washers
Mid	Empty
Tip	Tungsten Insert & 3 Washers

3" Aftermarket Muffler & 14 lbs Boost Reflash

Primary Spring	Pink
Heel	2 washers
Mid	Empty
Tip	Tungsten Insert & 4 Washers

3" Aftermarket Muffler & 16 lbs Boost Reflash

Primary Spring	Pink
Heel	2 washers
Mid	Empty
Tip	Tungsten Insert & Tungsten

*****3" muffler & Stage 0 target operating RPM is 8700 to 9000 rpm.**

*****3" muffler & Stage 2, 3, & 4 tunes target RPM is 9150-9400 rpm.**

*****Washer placement on weights may change, contact us if you have any questions.**

Heel = closest to the pin that goes through the weight

Mid = middle location on weight

Tip = furthest out from pin

Any time you use 3 washers or less, use an O-ring under the washers.

When using 4 washers, no O-ring is needed.

A tungsten insert is 7 grams of mass, a washer is 1 gram of mass.

Make sure all weights are setup identical & washer placement from side to side is the same.