

DALTON CLUTCH HELIX'S

YAMAHA HELIX

\$129.95-F

- Extensive machining to be light-weight like the OEM castings, but with the attractive strength of solid billet aluminum, bushing included.

* = this angle is available and can be ordered as a special order

Angle	TCI#	Angle	TCI#	Angle	TCI#	Angle	TCI#	Angle	TCI#	Angle	TCI#
38/32	238-6800	46	*	48/44	*	51/38	*	53/51	*	58/44	238-6905
39	*	46/34	*	49	238-6848	51/39	238-6871	54/40	*	58/48	*
39/35	*	46/36	*	49/34	*	51/40	*	54/41	*	59/48	*
40	*	46/38	*	49/36	238-6850	51/43	238-6873	54/42	*	60	*
40/34	*	46/40	*	49/39	*	51/45	*	54/44	*	60/40	*
40/36	*	46/42	*	49/41	*	51/47	*	54/46	*	60/48	*
40/38	*	46/43	*	49/43	238-6853	52	*	54/48	238-6894	60/50	*
41	*	47	238-6831	49/45	*	52/38	238-6876	54/50	*	61/46	238-6907
42	*	47/39	*	49/47	*	52/40	238-6877	55	238-6908	62	238-6909
42/34	238-6810	47/40	*	50	238-6857	52/42	*	55/45	*	Reverse	
42/36	*	47/41	*	50/36	238-6858	52/44	238-6879	55/48	238-6896	Angle	TCI#
43	*	47/42	*	50/38	*	52/46	*	56	238-6893	38/41	*
43/35	*	47/43	*	50/40	238-6860	52/48	*	56/36	*	39/44	*
43/37	238-6814	48	*	50/41	*	53	238-6892	56/38	*	40/46	*
43/39	*	48/34	*	50/42	*	53/36	*	56/40	*	40/50	*
44	*	48/36	*	50/43	*	53/38	*	56/42	*	41/47	238-6924
44/34	*	48/37	*	50/44	*	53/40	*	56/44	*	43/47	*
44/36	*	48/38	*	50/45	*	53/41	*	56/46	*	44/48	*
44/38	238-6819	48/39	*	50/46	*	53/42	*	56/48	238-6898	45/50	238-6925
45	*	48/40	*	50/48	*	53/43	238-6885	57/43	238-6895	46/53	238-6897
45/37	*	48/41	*	51	238-6891	53/45	*	57/50	238-6902	47/51	238-6922
45/39	*	48/42	238-6845	51/36	*	53/47	*	58/36	*	49/51	238-6856
45/41	*	48/43	*	51/37	*	53/49	*	58/42	238-6904	49/53	*

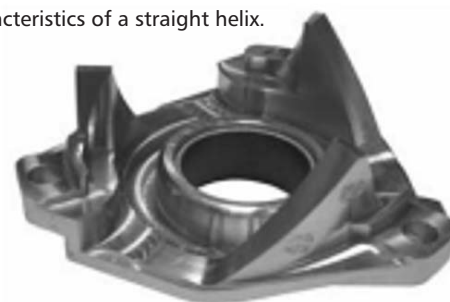
YAMAHA - "R" SERIES HELIXES

\$129.95-F

- Features a short duration initial angle, radiuses into what is mostly a straight angle helix (second angle)
- Helix is quite effective at controlling initial over-rev while still maintaining the characteristics of a straight helix.

Available Angle:

Angle	Angle	Angle	Angle	Angle	Angle	Angle
49R44	50R47	52R42	53R41	53R48	54R44	55R45
50R42	51R34	52R44	53R43	54R40	54R45	56R43
50R44	51R46	52R45	53R45	54R42	54R46	56R44
50R46	52R40	52R46	53R47	54R43	54R48	56R46



AAEN HELIX

HARDENED STEEL HELIX CAM

\$199.95-F

Hardened steel cams combined with a steel needle bearing helps to eliminate any sliding friction or flex as found with plastic rollers working against aluminum cams.

ANGLE	PART #	ANGLE	PART #
48°	210-12103	52° - 48°	210-12074

TEFLON COATED HELIX CAM

\$198.50-F

Hard coated underneath, industrial teflon backed on top, makes these billet helixes last longer with improved acceleration and quicker downshifts.

ANGLE	PART #	ANGLE	PART #
39°	210-12054	45° - 41°	210-12058
43°	210-12056	47° - 41°	210-12057
45° - 39°	210-12059		

AAEN 4-STAR PRIMARY ROLLER CLUTCH

4-STAR PRIMARY ROLLER CLUTCH 210-3002-600 \$1369.95-F

Sliding friction is eliminated by replacing the sliding buttons with rollers. The 4-Star clutch has four machined roller passages. The four rollers are mounted on a special billet spider designed to run in the roller passages. Smooth clutch engagement, instant speed changes, higher efficiency, less belt wear and cooler running belts are the rewards. The billet cover incorporates an adjustable engagement speed mechanism.

- Rollers eliminate button friction and provide for a super-smooth engagement
- Quicker and smoother backshifts
- Adjustable engagement speed billet cover.
- Fits All Yamaha models 1993 and up



Replacement Roller with Bearing 210-2001 \$32.95-F

YAMAHA CLUTCH FLY WEIGHTS

DALTON CLUTCH FLYWEIGHTS - DPY Series \$159.95-F

Are CNC machined from high quality billet steel. Feature a more aggressive curvature than 4-stroke models from the factory. Can be used for tuning either 2 or 4 stroke models.

DESCRIPTION	PART #	DESCRIPTION	PART #
53 gram	238-5321	66 gram	238-5326
64 gram	238-5325	68 gram	238-5327

Also available in 55.5, 57.5, 60, and 62 grams. Please call to special order.



DALTON CLUTCH FLYWEIGHTS - DPYR Series \$169.95-F

The DPYR series uses a curvature that is slightly less aggressive than the DPY series. This curvature allows for the use of more total flyweight mass than many aggressive flyweights. These 4-stroke oriented flyweights can offer quicker acceleration with low speed belt grip.

DESCRIPTION	PART #	DESCRIPTION	PART #
58 gram	238-5361	70 gram	238-5370
62 gram	238-5362	74 gram	238-5374
66 gram	238-5360		



DALTON YAMAHA FLYWEIGHT RIVETS

These rivets are used to adjust the mass of OEM Yamaha flyweights on the Dalton DPYR series.

DESCRIPTION	PART #	RETAIL
Steel, solid 3.1 gram (DFR-Y)	238-5349	\$ 4.95-F
Aluminum, hollow .85 grams (DFRA-Y)	238-5395	\$10.95-F
Long, solid 3.6 gram (DFRL-Y)	238-5348	\$10.95-F



HEAVY HITTER CLUTCH WEIGHT KITS

- ISR stock legal, bolt on system with no clutch modifications needed.
- Fully adjustable in the low, mid, and top end takes guess work out of clutching.
- Fully bushed weights are gram matched and have been spin tested at 18,000 rpm to insure reliability.
- Heavy mass at pivot end prevents belt slippage for hard acceleration.
- Low end adjustment possible without removal, mid and top end can be adjusted as fine as .4 grams.
- Base weights offer up to 15 grams of added adjustment, another 4-8 with optional tungsten washers.
- Billet steel is CNC machined, stress relieved, and heat treated to guarantee unmatched durability.
- Kits include 3 weights, fasteners, easy to understand installation instructions, and tuning guide.

DESCRIPTION	PART #	RETAIL
YVR (90's) - .8 mm pin 51-52g	207-3001	\$299.95-F
Viper, SX, SXr - 12mm pin 48-49g	207-3005	\$291.95-F
53g - Base weight	207-3011	\$324.95-F
58g - Base weight	207-3012	\$324.95-F
63g - Base weight	207-3013	\$314.95-F



DALTON YAMAHA QUICK ADJUST CAM ARMS

DALTON YAMAHA PRO QUICK ADJUST CAM ARMS

\$259.95-H

This method of adjustment allows you to add or subtract mass from the main body of the flyweight without even removing the weights from the clutch. This Quick Adjust series Uses Dalton's "DPYR" series curvature.

TCI PART #	DESCRIPTION
238-5384	54 - 61.4 gram base weight
238-5385	62 - 69.4 gram base weight
238-5382	73.6 - 81 gram boosted application (Common for low boost, high altitude tracks)
238-5383	79 - 86.4 gram boosted application (Commonly used for most boosted applications)
238-5387	84.6 - 92 gram boosted application (Heavier base weight for higher boost applications)



QUICK ADJUST SCREW HARDWARE 238-5391

\$ 6.95-F

- Replacement hardware for Quick Adjust Cam Arms
- Set of 6 assorted for 1 flyweight
- Fits all Dalton Snowmobile quick adjust flyweights
- 1/4" UNC with pre applied nylon patch



SUPER SLUGS 238-5389

\$99.95-F

- Set of 6
- Tungsten filled set screws
- 7/8" long / weights 5.4 grams
- Makes Dalton QA sets for Yamaha 3.4 gram heavier compared to standard set screws fully loaded.



HARDWARE KIT FOR YVX ROLLER ACTION 210-12072

\$64.95-H

- Hardware Kit for YVX Roller Action Kit

YAMAHA JACK SHAFT MOUNTING KITS 207-9004

\$62.95-F

- Mount kit for Yamaha JCKYA
- Fits 97-04 SX, SXR, SRX Viper and Mountain models.
- Mount kit includes all need bolts, washers, key, spacers and bearings

CLUTCH REBUILD KITS

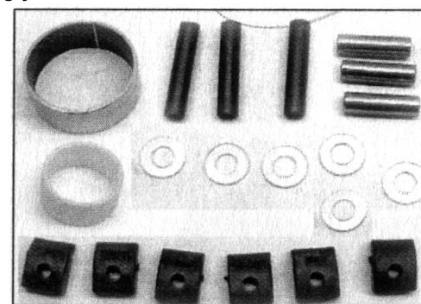
YAMAHA DRIVE CLUTCH REBUILD KIT 214-1496

\$60.95-J

Fits Yamaha YVXX Primary Clutch 1988 - present

KIT INCLUDES:

- 2 steel bushing
- 3 fiber bushing
- 3 black hollow pins
- 3 steel pins
- 6 nylon washers
- 6 cam shoes



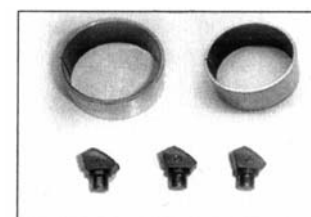
YAMAHA DRIVEN CLUTCH KIT 214-1495

\$29.95-J

Fits Yamaha YVXC Secondary Clutch 1988 to present (most models)

KIT INCLUDES:

- 2 steel bushings 38 x 42 x 17.5 mm
- 3 cam shoes (214-5201)



CLUTCH TUNING COMPONENTS

YAMAHA CLUTCH ACCESSORIES

Cam Arm Bushing Kit

207-5710

\$45.95-F

YAMAHA YZP CLUTCH BUTTONS

214-3146

\$10.95-J

- Fits Yamaha YZP Clutch 1992-2002
- Yamaha OEM 88X-17635-00
- Kit - 3 nylon sliders

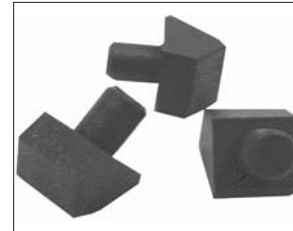


YAMAHA CAM SLIDER SHOES & ROLLERS

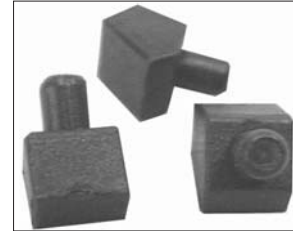
MODEL	YEAR	OEM #	PART #
BR 250, T, TS	82-01	85L-17688-01	214-5113
EL	1973	801-17688-10	214-5110
Enticer	77-91	801-17688-10	214-5110
ET 410	92-01	8X6-17688-00	214-5111
EW	72-73	801-17688-10	214-5110
EX 340, 440	78-81	8X6-17688-00	214-5111
Excel	81-88	801-17688-10	214-5110
Excel V	79-80	8X6-17688-00	214-5111
Excel V 540	85-90	8X6-17688-00	214-5111
Exciter 570	87-93	8X6-17688-00	214-5111
GP	71-78	801-17688-10	214-5110
GPX	74-75	801-17688-10	214-5110
GS	75-77	801-17688-10	214-5110
Inviter	86-89	801-17688-10	214-5110
Mountain Lite 500	2001	8AV-17688-10	214-5201
Mountain Max 600, 700	97-02	8AV-17688-10	214-5201
Phazer	84-95	8X6-17688-00	214-5111
Phazer	96-01	8AV-17688-10	214-5201
RX-1, ER, LE	2003	8AV-17688-10	214-5201
RX-1 Mountain, LE	2003	8AV-17688-10	214-5201
SL	68-74	801-17688-10	214-5110
SM	73-74	801-17688-10	214-5110
SR, SW	71-73	801-17688-10	214-5110
SRV	80-91	8X6-17688-00	214-5111
SRX	77-81	85L-17688-01	214-5113
SRX 600, 700	98-01	8AV-17688-10	214-5201
SS	70-71	801-17688-10	214-5110
SS 440	80-83	8X6-17688-00	214-5111
SSR 440	1978	8X6-17688-00	214-5111
SX 500	2000	8AV-17688-10	214-5201
SX 700 Viper ER, Mountain	2003	8AV-17688-10	214-5201
SXR 600, 700	00-02	8AV-17688-10	214-5201
SXV 700 Viper	02-03	8AV-17688-10	214-5201
Venture 480	91-00	8X6-17688-00	214-5111
Ventue 500 XL	97-01	8AV-17688-10	214-5201
Venture 600, 700	2003	8AV-17688-10	214-5201
VK 540	88-02	8X6-17688-00	214-5111
V-Max 500, 600	94-02	8AV-17688-10	214-5201
V-Max 540	83-91	8X6-17688-00	214-5111
V-Max 600 ER	2003	8AV-17688-10	214-5201
V-Max 700	97-02	8AV-17688-10	214-5201
V-Max 800	95-97	8AV-17688-10	214-5201
V-Max 4 750	1992	8X6-17688-00	214-5111
V-Max 4 750	92-94	8AX-17688-00	214-5202
VT 500, 600, 700	97-02	8AV-17688-10	214-5201



214-5110 \$1.50-L



214-5111 \$1.25-L



214-5113 \$1.25-L



214-5201 \$1.25-L



214-5202 \$1.25-L