

ROYAL CHASSIS

2024 Royal Chassis Kit Contents List

ORDER DATE:

Customer:

Radius Rod and Shocks Kit

Qty	Size (Thread x Length)	Description		
6	7/16-20 x 1-1/4 HH T1000	Rear radius Rod to Frame/Rear Radius Rod to Birdcage	HH-437-20-1250-T1000	☐
1	7/16-20 x 1-5/8 Hex Head	Engine Adjuster to Frame	HH-437-20-1625-T875	☐
6	3/8 - 24 Ti Nylock Nut	Front Radius Rods	TNLN-375-24-275	☐
1	3/8 - 24 Full Titanium Nut	Front Panhard Bar to Axle	TNLN-375-24-430-EWF	☐
3	3/8 - 24 x 1.940 ONS	Front Radius Rod to Frame	STUD-375-24-1940	☐
6	3/8 - 24 x 3/4 Hex Head	Shocks	HH-375-24-750-FT	☐
3	3/8 - 24 x 1-1/4 Hex Head	Front Radius Rod to Axle Flags	HH-375-24-1250-FT	☐

Steering Arm and Spindles Kit

Qty	Size (Thread x Length)	Description		
2	3/8 -24 x 1- 1/4 Hex Head	RF Steering Arm to Spindle	HH-375-24-1250-T875	☐
2	3/8 - 24 x 1-1/2 countersunk	LF Steering Arm to Spindle	CS-375-24-1500-T1250	☐
1	3/8 - 24 x 3 Hex Head	Left Front Steering Arm - Drag Link - Tie Rod	HH-375-24-3000-T750	☐
1	3/8 - 24 x 1 -7/8 Hex Head	Right Front Steering Arm - Tie Rod	HH-375-24-1875-T625	☐
2	3/8 - 24 Ti Nylock Nut	Steering Arms to Tie Rods	TNLN-375-24-275	☐
1	3/8 x 5/8 Titanium Spacer	LF Steering Arm to Heim End on Drag Link	TS-375-625	☐
2	3/8 x 3/8 Titanium Spacer	LF & RF Steering Arm to Heim End	TS-375-375	☐
2	5/16-24 x 3/4 Reduced Hex	LF Joes Brake Mount to Joes Caliper	RH-312-24-750-T625-W375	☐
2	5/16 ti washers	LF Joes Brake Mount to Joes Caliper	TW-625-328-085	☐
3	3/8 ti washers	RF Steering Arm to Spindle (2)/RF Steering Arm to Tie Rod (1)	TW-375-715-095	☐
8	5/16 - 18 x 1 ballnose button head	Front hub studs	BH-312-18-1000-FT	☐
8	5/16 - 18 ti flange nut	Front hub nuts	TFLN-312-18-300	☐
3	1/4 - 20 x 1/2 Button Head	LF 3 Hole Rotor to Keizer Front Hub	BH-250-20-500-FT	☐

Steering Box/Column Kit

Qty	Size (Thread x Length)	Description		
1	3/8 x 24 - 2 Hex Head	Drag Link to Steering Box	HH-375-24-2000-T625	☐
1	3/8 - 24 Ti Flex-Loc Nut	Drag Link to Steering Box	TNLN-375-24-300-RH-LOC	☐
1	5/8 x 7/8 x 3/8 Hole Ti Spacer	Drag Link to Steering Box	TS-375-625-875	☐
2	5/16 - 24 x 3-1/4 Hex Head	Steering Box to Chassis	HH-312-24-3250-T500	☐
2	5/16 - 24 x 1-3/4 Hex Head	Drop Bucket to Chassis	HH-312-24-1750-T500-EWF	☐
4	5/16 - 24 Ti Nylock Nut	(2) Steering Box to Chassis (2) Drop Bucket to Chassis	TNLN-312-24-250	☐
3	M-8 x 1.25 x 20 mm Hex Head	Power Steering Bracket to unit	HH-M8-125-20MM-FT	☐
3	5/16 - 18 x 1/2 Hex Head	Steering Wheel to Hub	HH-312-18-200-FT-EWF	☐

Rear Arm to Shocks Kit

Qty	Size (Thread x Length)	Description		
1	3/8 - 24 x 2.410 ONS	Right Rear Torsion Arm to Shock	STUD-375-24-2410	☐
1	3/8-24 x 2.0 Hex Head	Left Rear Torsion Arm to Shock	HH-375-24-2000-T625	☐
1	LR Shock Spacer	Left Rear Torsion Arm to Shock	ASRS-375	☐
3	3/8 - 24 Ti Nylock Nut	Rear Torsion Arms to Shocks	TNLN-375-24-275	☐

Torsion Arms and Stops Kit

Qty	Size (Thread x Length)	Description		
4	5/16 - 18 x 1-1/2 Hex Head	Torsion Arm Pinch Bolts	HH-312-18-1500-T1000-EWF	☐
4	5/16 Stainless Washers	Torsion Arm Pinch Bolts	SSW-312	☐
4	Titanium Torsion Stop	with bolts and nuts	TTSP-WB-MIC	☐

Brake Carrier Kit

Qty	Size (Thread x Length)	Description		
1		Smith Ti Brake Carrier with bolts	MIC-HUB	☐
		(1) hub + (6) 1/4 - 28 x 1/2 HH + (6) 1/4 ss washers	HH-250-28-500-EWF	☐
			SSW-TH-250	☐

Throttle Pedal & Bell Crank Kit

Qty	Size (Thread x Length)	Description		
3	1/4 - 28 x 3/4 FT Hex Head	(1) Bell Crank to Chassis; (2) Bell Crank to Throttle Pedal Rod/to Throttle Cable	HH-250-28-750-FT-EWF	☐
2	1/4-28 Ti Nylock Nut		TNLN-250-28-200	☐
1	1/4-28 x 1.0 FT Hex Head	Throttle Pedal/to Throttle Pedal Rod	HH-250-28-1000-FT-EWF	☐
2	5/16-24 x 1 SHCS	Pedal Pegs to Pedal	SHCS-TH-312-24-1000-T875	☐
2	10-32 x 1-1/4 SHCS FT	Throttle Stop Adjuster	SHCS-TH-10-32-1250-T1000	☐
2	10-32 Steel Thin Jam Nut	Throttle Stop Adjuster	SJMN-10-32-RH	☐

Shifter Handle Kit

Qty	Size (Thread x Length)	Description		
1	3/8 x .850 Grip Ti Pin	Shift Handle to Chassis	PIN-375-850	☐
1	1/4 - 28 x 1-1/2 Hex Head	Shifter Cable End to Shift Handle	HH-250-28-1500-T750-EWF	☐
1	1/4 - 20 x 7/8 SHCS	Shifter Arm Pinch Bolt	SHCS-TH-250-20-875-FT	☐
1	1/4 - 20 x 3/4 Hex Head	Shifter Arm to Shifter	HH-250-20-750-FT-EWF	☐
1	1/4 x 5/8 Aluminum Spacer	Shifter Cable End to Shift Handle	AS-250-500-625	☐

Pedal Cross Bar Kit

Qty	Size (Thread x Length)	Description		
2	3/8 - 24 Titanium Jam Nuts	Pedals to Cross Bar	TJMN-375-24-200-RH	☐
2	3/8 Stainless Steel Washers	Pedals to Cross Bar	SSW-375	☐
2	3/8 - 24 x 1-1/4 FT Hex Head	Pedals to Cross Bar	HH-375-24-1250-FT	☐
2	5/16 - 24 x 1-1/4 Hex Head	Crossbar to Floorboard on Chassis	HH-312-24-1250-T1000-EWF	☐
2	5/16 - 24 Ti Nylock Nut	Crossbar to Floorboard on Chassis	TNLN-312-24-250	☐
2	5/16 Stainless Steel Washers	Crossbar to Floorboard on Chassis	SSW-312	☐

Brake Assembly Kit

Qty	Size (Thread x Length)	Description		
1	1/4 - 28 x 1-1/2 Hex Head	1) Brake Rod to Master Cylinder Linkage	HH-250-28-1500-T750-EWF	☐
2	1/4 x 5/8 Spacer	Brake Pedal/Master Cylinder Linkage	AS-250-500-625	☐
2	1/4 - 28 Ti Nylock Nut	1) Brake Pedal/Master Cylinder/ 1) Reservoir	TNLN-250-28-200	☐
2	5/16 - 24 x 1.550 Hex Head	Master Cylinder to Chassis	HH-312-24-1550-T500-EWF	☐
2	5/16 - 24 Ti Nylock Nut	Master Cylinder to Chassis	TNLN-312-24-250	☐
1	1/4-28 x 1-1/4 Hex Head	Brake Rod to Pedal	HH-250-28-1250-T750-EWF	☐
2	Titanium Quick Disconnects		QD-T	☐
1	1/4-28 x 1/2 Hex Head	Brake Reservoir	HH-250-28-500-FT-EWF	☐

Rear End Kit

Qty	Size (Thread x Length)	Description		
2	3/8 - 24 x 1-1/4" SHCS	Rear brake caliper mount	SHCS-375-24-1250-T1000	☐
2	3/8 - 24 Ti Nylock Nut LOC	Rear brake caliper mount	TNLN-375-24-275	☐
4	7/16 - 20 x 1 CS	Rear Radius Rod Plate	CS-437-20-1000-FT	☐
2	7/16-20 x 2 Hex Head T500	Birdcage to Torsion Arm	HH-437-20-2000-T500	☐

W-Link Assembly Kit

Qty	Size (Thread x Length)	Description		
1	3/8 x .850 Ti Pin w/ Clip	W-link to Right Rear Bird Cage Rod End	PIN-375-850	☐
4	3/8-24 x 1.630 T350 Hex Head	W-link to Chassis & Straps	HH-375-1630-T350-WL	☐
4	3/8 - 24 Ti Nylock Nut	W-link to Chassis/ W-Link to Straps	TNLN-375-24-275	☐

Chain Guide Kit

Qty	Size (Thread x Length)	Description		
2	5/16 - 18 x 7/8 Countersunk	Chain Guide Bracket to Left Rear Bird Cage (Yamaha)	CS-312-18-875-FT	☐
2	1/4 - 20 x 1-1/4 hex head	Chain Guide Block to Chain Guide Bracket	HH-250-20-1250-T1000-EWF	☐
2	5/16 x 5/16 Aluminum Spacers	Chain Guide Block to Chain Guide Bracket	AS-312-750-312	☐

Chain Tensioner Kit

Qty	Size (Thread x Length)	Description		
2	3/8 - 24 x 1 Countersunk	Chain Tensioner Link to Motor Plate	CS-375-24-1000-FT	☐
1	3/8 - 24 x 2-3/4 Hex Head	Top Tensioner Roller Wheel	HH-375-24-2750-T750	☐
1	3/8 - 24 x 3 Hex Head	Bottom Tensioner Roller Wheel	HH-375-24-3000-T750	☐
4	3/8 - 24 Ti Nylock Nut	Tensioner Roller Wheels	TNLN-375-24-275	☐

Battery Box Mounting Kit

Qty	Size (Thread x Length)	Description		
2	5/16 -18 Ti Nylock Nut	Battery Box to Floor Pan	TNLN-312-18-300	☐
2	5/16-18 x 3/4 BHCS	Top Battery Box to Post	BH-312-312-18-750-FT	☐

Fuel Tank Mounting Kit

Qty	Size (Thread x Length)	Description		
4	5/16 - 18 x 5/8 Reduced Hex	Tank to Chassis	RH-312-18-625-T500-W375	☐
4	5/16 Titanium Washers	Tank to Chassis	TW-625-328-085	☐
12	1/4 - 28 x 7/8 Button Head	Tank lid	BH-LP-250-28-875	☐

Radiator Mounting Kit

Qty	Size (Thread x Length)	Description		
4	5/16 - 24 x 3/4 Button Head	Radiator to Chassis	BH-312-24-750-FT	☐
4	5/16 Large O.D Steel Washers	Radiator to Grommet		☐
4	5/16-24 Titanium Nylock Nuts	Radiator to Chassis	TNLN-312-24-250	☐

Front Panhard Clamp Kit

Qty	Size (Thread x Length)	Description		
1	3/8 -24 x 1-3/4 Hex Head (T625)	Front Panhard Clamp to Front Panhard	HH-375-24-1750-T625	☐
1	3/8 - 24 Titanium Nylock Nut	Front Panhard Clamp to Front Panhard	TNLN-375-24-275	☐
1	3/8 Stainless Steel Washer	Front Panhard Clamp to Front Panhard	SSW-375	☐
1	1/4 - 20 ti nylock nut		TNLN-250-20-200	☐
1	1/4 - 20 x 1-3/8 Hex Head		HH-250-20-1375-T1000	☐

Yamaha All Black Motor Mount Kit - JOE'S

Qty	Size (Thread x Length)	Description		
1	M10 x 1.25 x 30 mm RH	Upper Front Mount to Block	RH-M10-125-30	☐
1	7/16 - 20 x 8-1/2" Stud	Upper Engine to Frame Adjuster	STUD-437-20-8500	☐
1	1/4 - 20 x 3/4" Hex Head	Frame Plate to Shifter Tab	HH-250-20-750-FT-EWF	☐
1	1/4 - 28 SS AN Washer	Frame Plate to Shifter Tab	SSW-250	☐
1	7/16 - 20 x 13-1/2 Stud Motor Mount		STUD-437-20-13500	☐
4	7/16 - 20 titanium nylock nut (.330)		TNLN-437-20-350-EWF	☐
4	7/16 Stainless Steel Washers		SSW-437	☐
1	3/8-24 x 3/4 Hex Head		HH-375-24-750-FT	☐
2	3/8-24 x 1" Hex Head		HH-375-24-1000-FT	☐
1	3/8-24 x 1-1/4 Hex Head		HH-375-24-1250-FT	☐
5	3/8-24 x 1-1/2 Hex Head T1125		HH-375-24-1500-T1125	☐
8	3/8 AN SS Washer		SSW-375	☐
4	3/8-24 Titanium Nylock Nut		TNLN-375-24-275	☐
5	3/8 x .095 Titanium Washers		TW-375-715-095	☐