

ROYAL CHASSIS

2024 Royal Chassis Kit Contents List

ORDER DATE:

Customer:

Radius Rod and Shocks Kit

In 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		
	1	7/16-20 x 1-5/8 Hex Head	Engine Adjuster to Frame		
	6	3/8 - 24 Ti Nylock Nut	Front Radius Rods		
	1	3/8 - 24 Full Titanium Nut	Front Panhard Bar to Axle		
	3	3/8 - 24 x 1.940 ONS	Front Radius Rod to Frame		
	6	3/8 - 24 x 3/4 Hex Head	Shocks		
	3	3/8 - 24 x 1-1/8 Hex Head	Front Radius Rod to Axle Flags		

Steering Arm and Spindles Kit

In Kit	Qty	Size (Thread x Length)	Description		
	2	3/8 -24 x 1- 1/4 Hex Head	RF Steering Arm to Spindle		
	2	3/8 - 24 x 1-1/2 countersunk	LF Steering Arm to Spindle		
	1	3/8 - 24 x 3 Hex Head	Left Front Steering Arm - Drag Link - Tie Rod		
	1	3/8 - 24 x 1 -7/8 Hex Head	Right Front Steering Arm - Tie Rod		
	2	3/8 - 24 Ti Nylock Nut	Steering Arms to Tie Rods		
	1	3/8 x 5/8 Titanium Spacer	LF Steering Arm to Heim End on Drag Link		
	2	3/8 x 3/8 Titanium Spacer	LF & RF Steering Arm to Heim End		
	2	5/16-24 x 3/4 Reduced Hex	LF Joes Brake Mount to Joes Caliper		
	2	5/16 ti washers	LF Joes Brake Mount to Joes Caliper		
	3	3/8 ti washers	RF Steering Arm to Spindle (2)/RF Steering Arm to Tie Rod (1)		
	8	5/16 - 18 x 1 ballnose button head	Front hub studs		
	8	5/16 - 18 ti flange nut	Front hub nuts		
	3	1/4 - 20 x 1/2 Button Head	LF 3 Hole Rotor to Keizer Front Hub		

Steering Box/Column Kit

In Kit	Qty	Size (Thread x Length)	Description		
	1	3/8 x 24 - 2 Hex Head	Drag Link to Steering Box		
	1	3/8 - 24 Ti Flex-Loc Nut	Drag Link to Steering Box		
	1	5/8 x 7/8 x 3/8 Hole Ti Spacer	Drag Link to Steering Box		
	2	5/16 - 24 x 3-1/4 Hex Head	Steering Box to Chassis		
	2	5/16 - 24 x 1-3/4 Hex Head	Drop Bucket to Chassis		
	4	5/16 - 24 Ti Nylock Nut	(2) Steering Box to Chassis (2) Drop Bucket to Chassis		
	3	M-8 x 1.25 x 20 mm Hex Head	Power Steering Bracket to unit		
	3	5/16 - 18 x 1/2 Hex Head	Steering Wheel to Hub		

Rear Arm to Shocks Kit

In Kit	Qty	Size (Thread x Length)	Description		
	1	3/8 - 24 x 2.410 ONS	Right Rear Torsion Arm to Shock		
	1	3/8-24 x 2.0 Hex Head	Left Rear Torsion Arm to Shock		
	1	LR Shock Spacer	Left Rear Torsion Arm to Shock		
	3	3/8 - 24 Ti Nylock Nut	Rear Torsion Arms to Shocks		

Torsion Arms and Stops Kit

In Kit	Qty	Size (Thread x Length)	Description		
	4	5/16 - 18 x 1-1/2 Hex Head	Torsion Arm Pinch Bolts		
	4	5/16 Stainless Washers	Torsion Arm Pinch Bolts		
	4	Titanium Torsion Stop	with bolts and nuts		

Brake Carrier Kit

In Kit	Qty	Size (Thread x Length)	Description		
	1		Smith Ti Brake Carrier with bolts		

(1) hub + (6) 1/4 - 28 x 1/2 HH + (6) 1/4 ss washers

Throttle Pedal & Bell Crank Kit

In 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		
	2	1/4-28 Ti Nylock Nut			
	1	1/4-28 x 1.0 FT Hex Head	Throttle Pedal/to Throttle Pedal Rod		
	2	5/16-24 x 1 SHCS	Pedal Pegs to Pedal		
	2	10-32 x 1-1/4 SHCS FT	Throttle Stop Adjuster		
	2	10-32 Steel Thin Jam Nut	Throttle Stop Adjuster		

Shifter Handle Kit

In Kit	Qty	Size (Thread x Length)	Description		
	1	3/8 x .850 Grip Ti Pin	Shift Handle to Chassis		
	1	1/4 - 28 x 1-1/2 Hex Head	Shifter Cable End to Shift Handle		
	1	1/4 - 20 x 7/8 SHCS	Shifter Arm Pinch Bolt		
	1	1/4 - 20 x 3/4 Hex Head	Shifter Arm to Shifter		
	1	1/4 x 5/8 Aluminum Spacer	Shifter Cable End to Shift Handle		

Pedal Cross Bar Kit

In Kit	Qty	Size (Thread x Length)	Description		
	2	3/8 - 24 Titanium Jam Nuts	Pedals to Cross Bar		
	2	3/8 Stainless Steel Washers	Pedals to Cross Bar		
	2	3/8 - 24 x 1-1/4 FT Hex Head	Pedals to Cross Bar		
	2	5/16 - 24 x 1-1/4 Hex Head	Crossbar to Floorboard on Chassis		
	2	5/16 - 24 Ti Nylock Nut	Crossbar to Floorboard on Chassis		
	2	5/16 Stainless Steel Washers	Crossbar to Floorboard on Chassis		

Brake Assembly Kit

In Kit	Qty	Size (Thread x Length)	Description		
	1	1/4 - 28 x 1-1/2 Hex Head	1) Brake Rod to Master Cylinder Linkage		
	2	1/4 x 5/8 Spacer	Brake Pedal/Master Cylinder Linkage		
	2	1/4 - 28 Ti Nylock Nut	1) Brake Pedal/Master Cylinder/ 1) Reservoir		
	2	5/16 - 24 x 1.550 Hex Head	Master Cylinder to Chassis		
	2	5/16 - 24 Ti Nylock Nut	Master Cylinder to Chassis		
	1	1/4-28 x 1-1/4 Hex Head	Brake Rod to Pedal		
	2	Titanium Quick Disconnects			
	1	1/4-28 x 1/2 Hex Head	Brake Reservoir		

Rear End Kit

In Kit	Qty	Size (Thread x Length)	Description		
	2	3/8 - 24 x 1-1/4" SHCS	Rear brake caliper mount		
	2	3/8 - 24 Ti Nylock Nut LOC	Rear brake caliper mount		
	4	7/16 - 20 x 1 CS	Rear Radius Rod Plate		
	2	7/16-20 x 2 Hex Head T500	Birdcage to Torsion Arm		

W-Link Assembly Kit

In 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		
	4	3/8-24 x 1.630 T350 Hex Head	W-link to Chassis & Straps		
	4	3/8 - 24 Ti Nylock Nut	W-link to Chassis/ W-Link to Straps		

Chain Guide Kit

In Kit	Qty	Size (Thread x Length)	Description		
	2	5/16 - 18 x 7/8 Countersunk	Chain Guide Bracket to Left Rear Bird Cage (Yamaha)		
	2	1/4 - 20 x 1-1/4 hex head	Chain Guide Block to Chain Guide Bracket		
	2	5/16 x 5/16 Aluminum Spacers	Chain Guide Block to Chain Guide Bracket		

Chain Tensioner Kit

In Kit	Qty	Size (Thread x Length)	Description		
	2	3/8 - 24 x 1 Countersunk	Chain Tensioner Link to Motor Plate		
	1	3/8 - 24 x 2-3/4 Hex Head	Top Tensioner Roller Wheel		
	1	3/8 - 24 x 3 Hex Head	Bottom Tensioner Roller Wheel		
	4	3/8 - 24 Ti Nylock Nut	Tensioner Roller Wheels		

Battery Box Mounting Kit

In Kit	Qty	Size (Thread x Length)	Description		
	2	5/16 -18 Ti Nylock Nut	Battery Box to Floor Pan		
	2	5/16-18 x 3/4 BHCS	Top Battery Box to Post		

Fuel Tank Mounting Kit

In Kit	Qty	Size (Thread x Length)	Description		
	4	5/16 - 18 x 5/8 Reduced Hex	Tank to Chassis		
	4	5/16 Titanium Washers	Tank to Chassis		
	12	1/4 - 28 x 7/8 Button Head	Tank lid		

Radiator Mounting Kit

In Kit	Qty	Size (Thread x Length)	Description		
	4	5/16 - 24 x 3/4 Button Head	Radiator to Chassis		
	4	5/16 Large O.D Steel Washers	Radiator to Grommet		
	4	5/16-24 Titanium Nylock Nuts	Radiator to Chassis		

Front Panhard Clamp Kit

In Kit	Qty	Size (Thread x Length)	Description		
	1	3/8 -24 x 1-3/4 Hex Head (T625)	Front Panhard Clamp to Front Panhard		
	1	3/8 - 24 Titanium Nylock Nut	Front Panhard Clamp to Front Panhard		
	1	3/8 Stainless Steel Washer	Front Panhard Clamp to Front Panhard		
	1	1/4 - 20 ti nylock nut			
	1	1/4 - 20 x 1-3/8 Hex Head			

Yamaha All Black Motor Mount Kit - JOE'S

In Kit	Qty	Size (Thread x Length)	Description		
	1	M10 x 1.25 x 30 mm RH	Upper Front Mount to Block		
	1	7/16 - 20 x 8-1/2" Stud	Upper Engine to Frame Adjuster		
	1	1/4 - 20 x 3/4" Hex Head	Frame Plate to Shifter Tab		
	1	1/4 - 28 SS AN Washer	Frame Plate to Shifter Tab		
	1	7/16 - 20 x 13-1/2 Stud Motor Mount			
	4	7/16 - 20 titanium nylock nut (.330)			
	4	7/16 Stainless Steel Washers			
	1	3/8-24 x 3/4 Hex Head			
	2	3/8-24 x 1" Hex Head			
	1	3/8-24 x 1-1/4 Hex Head			
	5	3/8-24 x 1-1/2Hex Head T1125			
	8	3/8 AN SS Washer			
	4	3/8-24 Titanium Nylock Nut			
	5	3/8 x .095 Titanium Washers			