

93-95 Rx7

<i>Side Housing</i>		
Max Distortion Limit		0.0016" (0.04mm)
Max Vertical Wear Limit (Side Seal Wear)		0.0039" (0.10mm)
Oil Seal Inner Path Max Convex Oval Wear (Side Seal/Oil Seal Overlap Wear)		0.0004" (0.01mm)
Oil Seal Outer Path Max Convex Oval Wear		0.0039" (0.10mm)
Oil Seal Stepped Path Max Wear Limit		0.0008" (0.02mm)
<i>Rotor Housing</i>		
Width		3.1" (80mm)
Max Width Difference		0.0024" (0.06mm)
<i>Rotor</i>		
Width		3.142" – 3.143" (79.8mm – 79.85mm)
Rotor & Side Housing Clearance		
	Standard	0.0048" – 0.0066" (0.12mm – 0.17mm)
	Min	0.0039" (0.1mm)
Diameter of Corner Seal Groove		0.4331" – 0.4338" (11mm – 11.018mm)
Width of Side Seal Groove		0.0281" – 0.0291" (0.714mm – 0.739mm)
Width of Apex Seal Groove		0.0782" – 0.0791" (1.984mm – 2.011mm)
Apex Seal Groove & the Apex Seal Clearance		
	Standard	0.002" – 0.039" (0.051mm – 0.101mm)
	Max	0.0059" (0.15mm)
<i>Apex Seal & Apex Seal Spring</i>		
Apex Seal Width		0.0752" – 0.0761" (1.91mm – 1.933mm)
Apex Seal Height		
	Standard	0.33" (8.5mm)
	Minimum	0.256" (6.5mm)
Apex Seal Spring Height		
	Standard	0.213" (5.4mm)
	Minimum	0.148" (3.5mm)
<i>Corner Seal</i>		
Outer Diameter		0.4327" – 0.4336" (10.99mm – 11.014mm)
Height		0.118" (7mm)
Minimum Projection of the Corner Seal		0.02" (0.5mm)
<i>Side Seal</i>		
Height		0.118" (3mm)
Thickness		0.026" – 0.027" (0.661mm – 0.686mm)
Side Seal to Rotor Groove Clearance		
	Standard	0.0011" – 0.0030" (0.028mm – 0.078mm)
	Max	0.0039" (0.1mm)
Max Corner Seal & Side Seal Clearance		
	Standard	0.002" – 0.0059" (0.05mm – 0.15mm)
	Max	0.016" (0.4mm)
Minimum Protrusion of the Side Seal		0.02" (0.5mm)
<i>Oil Seal</i>		
Height		0.22" – 0.228" (5.6mm – 5.8mm)
Lip Max Contact Width		0.02" (0.5mm)
Minimum Protrusion of the Oil Seal		0.02" (0.5mm)
<i>Eccentric Shaft</i>		
Main Bear Inner Diameter		1.6941" – 1.6947" (43.028mm – 43.047mm)
Rotor Bear Inner Diameter		2.9145" – 2.9152" (74.028mm – 74.048mm)
Run-Out Max		0.0024" (0.06mm)
End Play		
	Standard	0.0016" – 0.0027" (0.04mm – 0.07mm)
	Limit	0.0035" (0.09mm)
Main Journal Diameter		0.37" (43mm)
Clearance of Main Journal (Outside)		
	Standard	0.0032" – 0.0043" (0.08mm – 0.11mm)
	Limit	0.0051" (0.13mm)
Clearance of Main Journal (Inside)		
	Standard	0.0024" – 0.0031" (0.06mm – 0.08mm)
	Limit	0.0043" (0.11mm)
Rotor Journal Diameter		2.9" (74mm)
Clearance of Rotor Journal		
	Standard	0.0024" – 0.0031" (0.06mm – 0.08mm)
	Limit	0.0039" (0.1mm)

Torque Specifications

Counterweight / Flywheel Nut	290-360	ft/lb
Flex Plate to Counterweight (Automatic)	32-44	ft/lb
Front Eccentric Shaft Hub Bolt	180-200	ft/lb
Front Cover Bolts	12-16	ft/lb
Intake to Engine Bolts	12-16	ft/lb
Lower to Upper Intake Bolts	12-16	ft/lb
Exhaust Manifold to Engine Bolts	51-57	ft/lb
Oil Metering Pump Bolts	5.8 – 8	ft/lb
Front Oil Pressure Regulator Cap	29-36	ft/lb
Oil Strainer Bolts	5.1-7.2	ft/lb
Oil Pan Bolts	6.6-8.6	ft/lb
Oil Pump Bolts	5-7	ft/lb
Oil Pump Sprocket Nut	24-33	ft/lb
Rear Oil Pressure Regulator	51-57	ft/lb
Oil Filter Adapter Nuts	5.8-8	ft/lb
Oil Pressure Sensor	8-11	ft/lb
Stationary Gear Bolts	12-16	ft/lb
Tension Bolts	24-28	ft/lb
Clutch Cover/Pressure Plate Bolts	14-19	ft/lb
Water Pump to Water Pump Housing Bolts	14-19	ft/lb
Water Pump Housing To Block Nuts	14-19	ft/lb
Oil Metering Nozzle	12-15	ft/lb
Knock Sensor	15-25	ft/lb