

Projected Costs for 13B-REW Engine Swap		
Item	Cost	Notes
13B REW Engine	\$2,149	<a href="https://www.youtube.com/watch?v=ijJeUk_Gqil">https://www.youtube.com/watch?v=ijJeUk_Gqil</a>
Large Street & Bridge Port Intake	\$48	<a href="http://www.greddy.com/performance-forum-220">http://www.greddy.com/performance-forum-220</a>
Street Port Exhaust Template	\$32	
Rebuild Kit	\$1,400	<a href="http://www.greddy.com/13b-rewheavydutyinter">http://www.greddy.com/13b-rewheavydutyinter</a>
Subframe	\$399	<a href="http://www.rx8performance.com/page/">http://www.rx8performance.com/page/</a>
Polished UIM + LIM		
Oil Pan Brace	\$120	FD3S Oil Pan Brace
Engine Front Cover	X	
Throttle Body	\$375	
Drive Cable Linkage	\$66	
Throttle Body Elbow	\$140	Greddy
Lower Intake Manifold	\$525	Xcessive; Top Fed <a href="http://www.rx7club.com/">http://www.rx7club.com/</a>
Gasket (UIM to LIM)		
Gasket (LIM to Block)		
Primary Fuel Rail	\$120	Xcessive; Top Fed
Secondary Fuel Rail	\$168	Xcessive; Top Fed
Primary Fuel Injectors (2)	\$230	1000cc Top Fed 14mm Oring, 60mm Tall
Secondary Fuel Injectors (4)	\$460	1000cc Top Fed 14mm Oring, 60mm Tall
Injector Pigtail Harness	\$53	EV6DEN (x6)
Fuel Pump	\$370	300 Lph (x2 pieces)
Fuel Pump Bracket	\$253	AN-10 Inlet AN-8 Outlet
Surge Tank	\$300	
Fuel Lines	X	<a href="http://www.greddy.com/1993-2002-16/help-figurir">http://www.greddy.com/1993-2002-16/help-figurir</a>
Fuel Regulator	\$250	Turbosmart FPR-2000 Blue 2xAN-8 In, 1xAN-8 Out
Fuel Regulator Gauge	\$23	
Fuel Regulator Inlet/Outlet Fittings		
Fuel After-filter	\$95	25 Micron, AN-8 In/Out
Fuel Pre-filter	\$92	74 Micron, AN-10
AEM V2 Water/Methanol Injection Kit	\$409	Turbo No Tank
Custom Exhaust Piping	X	
Custom Downpipe	X	Heat Wrapped
Custom Turbo Manifold	\$1,150	Dual Wastegate T4 Flange Heat Wrapped

Blow off Valve	\$280	Turbosmart Race Port, Blue
Wastegate	\$660	2x Turbosmart 40, Blue 14 PSI BW S300SX3-66 0.91 A/R Polished Compressor Ceramic Turbine Journal Bearing Oil Cooled,V Band T4 Twinscroll Flange
Turbo	\$775	
T4 Divided Gasket	\$15	
Turbo Oil Supply Line		
Turbo Oil Fitting Kit	\$35	S300SX3
Turbo V-Band Kit	\$70	4" Downpipe
Intake Filter		
Boost Controller	\$320	Blitz SBC Type S
Water Pump		Ceramic Coated
Aluminum Radiator	\$361	Koyo HH Series
Radiator Fan	X	OEM, reprogram to activate at lower temps
Custom Coolant Lines	X	
Coolant Tank		
Oil Filter Relocation Kit	\$271	Custom Bracket
Dual Oil Cooler Kit	\$835	
Oil Cooler Mounting	X	Custom Brackets
Oil Cap		
Oil Filler Neck		Re-speed FD Oil Filler Neck Washer Fluid Oil Catch Can
Catch Can	\$415	Water/Meth injection Polished
Intercooler	\$276	2.5" in/out 7.8"x22"x3.5"
Custom Intercooler Mounting	X	Custom Brackets
Intercooler Piping Silicone		
Intercooler Piping	\$131	Treadstone 2.5" Universal Pipe Kit No silicone
Aftermarket ECU	\$1,600	Adaptronic Pnp

		NGK Plugs
Ignition: Spark Plugs	\$40	2 x BUR7EQP (Leading)
		2 x BUR9EQP (Trailing)
Plug Wires	\$89	10mm
Ignition Coils	\$350	D585 Coil Kit
OMP Block Off Plate	\$20	<a href="http://www.banzai-racing.com/store/FD_block_off_plates.html">specific-1993-2002-16/oil-r</a>
Oil Metering Plugs	\$5	
Aluminum Pulleys	\$145	Gold
Idler Pulley Kit	\$169	
Transmission		Rx8 5-Spd
		Bellhousing, Input shaft
Clutch Kit	\$1,487	Exedy Dual Disc
		Flywheel Included
Fire Extinguisher	\$32	Blue
Plastic Engine Bay Electrical Covers		
Battery Extended Wiring		
Battery Relocation Fuse Holder	\$7	
Battery Relocation Tray	\$100	Red Top 35 Tray
1 Gauge Wire Ring Terminal	\$9	
Battery Jumper Posts	\$28	
Battery Terminals	\$14	
Battery Terminal Bracket	\$26	
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Total:	\$17,791	
Minus Parts Bought:	\$4,773	
Total Remaining:	\$13,018	
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<http://www.rx8club.com/frankenstein-rx-8s-196/my-13b-rew-swap-249736/>

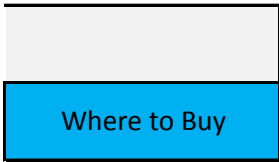
Block off plates? [http://www.banzai-racing.com/store/FD\\_block\\_off\\_plates.html](http://www.banzai-racing.com/store/FD_block_off_plates.html)  
Rear Turbo oil return Double Throttle  
Idle speed control AWS

2 Cycle Premix: Red Line [http://www.banzai-racing.com/store/FD\\_13B-RE\\_oil\\_metering\\_p](http://www.banzai-racing.com/store/FD_13B-RE_oil_metering_p)  
Methanol Fluid: Boost Juice [http://www.banzai-racing.com/store/AEM\\_water\\_injection.html](http://www.banzai-racing.com/store/AEM_water_injection.html)

Grind Side Seals [product/BBA81.html?gclid=](http://www.turborx7.com/product/BBA81.html?gclid=)  
Check Tolerances <http://www.turborx7.com/micrometer>  
Porting: <https://www.youtube.com/watch?v=sjiYSDZukwQ>  
Engine Block Painting 180 Grit (Drill and hand sander)

Cleaning:

<http://www.rx7club.com/2nd-generation-specific-1986-1992-17/how-clean-engine-rotors-housings->  
<http://tanht.blogspot.com/2010/10/1993-mazda-rx7-rotary-engine-rebuild.html>  
[http://mazdarx.narod.ru/manual/ROTARY\\_ENGINE\\_OVERHAUL.htm](http://mazdarx.narod.ru/manual/ROTARY_ENGINE_OVERHAUL.htm)



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<http://atkinsrotary.com/store/93-95-Rx7-Overhaul-Kit-C-ARE47.html>

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