

Building a Hybrid RB26 Z

Part 14 Building the short Motor

Well finally one year after originally buying the front cut I had a workable block to build up.

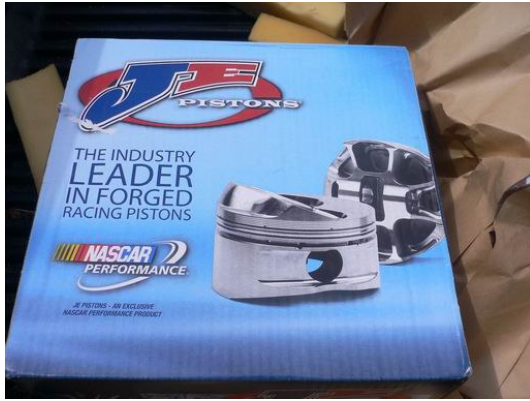
I immediately took it to Stuart at Sweeting & Denney in Belmont. Stuart checked the block out and confirmed it was all ok. I then had it machined to accept a set of JE forged pistons and Eagle forged rods.

I then asked Stuart to fully balance the bottom end, and build up the short motor. Performance Wholesale QLD supplied the pistons, rods, ARP bolts and Cometic metal head gasket. Steve from Northside Nissan supplied the N1 bearings.

A spreadsheet comparing parts cost is shown at the end of this part for those interested.



The block as received from Sydney, sitting in the ute ready to go for a rebore and build up.

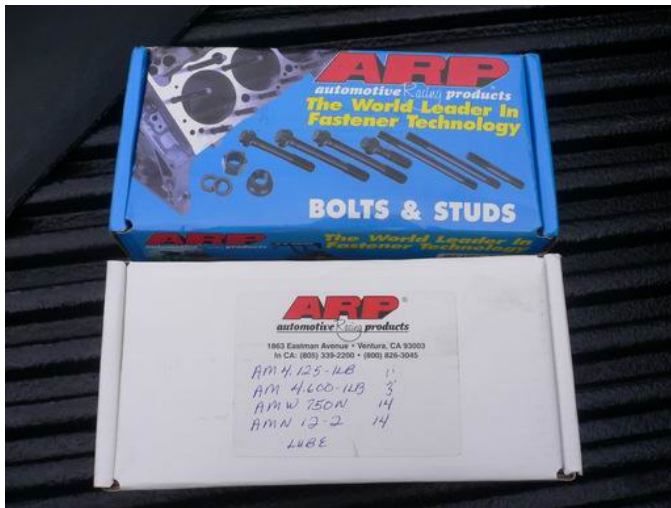


20thou o/size forged pistons





The N1 bearings



The ARP studs



The forged rods



The block with bearings and ARP studs in place.



The new JE forged pistons on the rods and ready to go in the block



All in, nice new bores



New short motor!

Short Motor Parts Cost Comparison

	Horsepower in a box Adelaide 0414780830	Tweaked	Performance Wholesale QLD	A1 Performance Perth	Mills Perform Perth	Top Racing Perth	Just Jap	Slide Perf
Arias Pistons & rings	1250			1140	1190	1480		
CP Pistons & rings	1350	1448.50		1350			1499	
JE pistons & rings			1293.00					
Wiseco pistons & rings								1170 del
ACL Pistons		1149.50						
Eagle H beam Rods	850	1026	818.00	818	825	880		810 deliv
Revs I beam Rods	1200							
Mains ARP bolts	245		211.75	270				
Head ARP bolts	450		438.08	455				
Cometic steel head gasket	190		238.50	245				249
Tomei steel head gasket						520	499	
HKS Steel gasket			523.60					
ACL head gasket		256						