



Race Proven Engines

	EJ25 Street Spec Series			EJ25 Race Spec Series				FA20 Series			EJ20 Series	
	STAGE 1 SS STANDARD RSB-SS25	STAGE 2 SS PRO VALUE RSB-SS25VC-C	STAGE 3 SS PRO RSB-SS25C	STAGE 1 RS BASIC RSB-RS25R	STAGE 3 RS STANDARD RSB-RS25	STAGE 4 RS PRO RSB-RS25P	STAGE 4+ RS PRO BILLET RSB-SS25PB	STAGE 1 FA20 STANDARD RSB-SSFA	STAGE 2 FA20 PRO RSB-FAPRO	STAGE 2+ FA20 PRO + RSB-FAPROP	STAGE 1 SS STANDARD RSB-SS20	STAGE 2 SS PRO RSB-SS20P
Price (Retail)	\$4,050	\$5,395	\$6,095	\$4,200	\$6,245	\$9,500	\$18,500	\$4,350	\$6,395	\$7,995	\$5,295	\$6,850
Block Case Type	EJ25 Semi-Closed	EJ25 Closed Deck	EJ25 Closed Deck	EJ25 Semi-Closed	EJ25 Closed Deck	EJ25 Closed Deck	EJ25 Billet/Sleeved	FA20DIT	FADIT Closed Deck	FADIT Closed Deck	Thickwall Semi-CD	EJ20 Closed Deck
Block Hardware	OEM	OEM	OEM	OEM	OEM	ARP	ARP	OEM	OEM	ARP	OEM	OEM
Pinned Mains	No	No	No	No	No	Yes	Yes	NA	NA	NA	No	NA
Fire Lock Groove	No	No	Yes	No	Yes	Yes	Yes	NA	NA	Copper O-Ring	No	Yes
Bore Size	99.5mm	99.75mm	99.75mm	99.5mm	99.75mm	99.75mm	99.75mm	86.0mm	86.25	86.25	92.0mm	92.5mm
Crankshaft	79mm Nitrided	79mm Nitrided	79mm Nitrided	79mm Nitrided	79mm Nitrided	79mm Manley	79mm Arrow	OEM Nitrided	OEM Nitrided	OEM Nitrided	EJ207 Nitrided	EJ207 Nitrided
Connecting Rods	4340 H-STD	4340 H-STD	4340 PRO Tri-Beam	4340 H-STD	4340 PRO Tri-Beam	300M PRO Tri-Beam	300M PRO Tri-Beam	4340 H-STD	4340 PRO Tri-Beam	4340 PRO Tri-Beam	4340 H-STD	300M PRO Tri-Beam
Rod Bolts	ARP2000	ARP2000	ARP L19	ARP2000	ARP L19	ARP 625+	ARP 625+	ARP2000	ARP L19	ARP L19	ARP2000	ARP 625+
Pistons	Cosworth	Cosworth	Cosworth	Omega HD	Omega HD	Omega HD	Omega HD	Manley	Manley HD	Manley HD	Omega V9+ Crown	Omega V9+ Crown
Piston Pins	.220in	.220in	.220in	.240in	.240in	.240in w/DLC	.240in w/ DLC	.150in	.210in	.210in	.240in	.240in
Main Bearings	ACL	ACL	Coated ACL	ACL	Coated ACL	Coated ACL	Coated ACL	ACL	ACL	ACL	ACL	Coated ACL
Rod Bearings	Coated ACL	Coated Clevite	Coated Clevite	Coated ACL	Coated Clevite	Coated Clevite	Coated Clevite	ACL	ACL	ACL	Coated Clevite	Coated Clevite
Head Stud Thread	11mm	11mm	14 x 2.00mm	11mm	14 x 2.00mm	14 x 2.00mm	14 x 1.50mm	11mm	1/2in-13	14 x 2.00mm	11mm	14 x 2.00mm
Balance Precision	1g	1/2g	1/3g	1/2g	1/3g	1/3g	1/3g	1g	1/2g	1/3g	1g	1/3g
Comp Ratio Std.	8.2 (8.6)	8.2 (8.6)	8.2 (8.6)	8.2 (8.6)	8.2 (8.6)	8.2 (8.6)	8.2 (8.6)	10.0	10.0	10.0	8.0	8.0
High CR Options	NA	NA	NA	9.4 (9.9)	9.4 (9.9)	9.4 (9.9)	9.4 (9.9)	NA	NA	NA	8.8, 9.5	8.8, 9.5
75mm De-Stroke Option	No	No	Yes	No	Yes	No	No	NA	NA	NA	NA	NA
Basic Long Block Pkg.												
Stage 0 EJ25 Heads Retail	\$8,250	\$9,595		\$8,400								
Stage 1 EJ25 Heads Retail	\$9,550	\$10,895	\$11,595	\$9,700	\$11,745	\$15,000	\$24,000					
Stage 2 EJ25 Heads Retail		\$13,395	\$14,095	\$12,200	\$14,245	\$17,500	\$26,500					
Stage 0 FA20 Heads Retail								\$8,850				
Stage 0.5 FA20 Heads Retail								\$9,350				
Stage 1 FA20 Heads Retail									\$12,245	\$13,845		
Stage 2 FA20 Heads Retail									TBD	TBD		

Dressed & Timed Pkg. (Add)	Non-AVCS ^	S-AVCS	D-AVCS	FA20	FA20 (DLR)
OEM Package w/ OEM Cooler	\$2,224	\$2,477	\$2,828	TBD	TBD
OEM Package w/o OEM Cooler	\$1,980	\$2,232	\$2,621	TBD	TBD
HP Package w/ OEM Cooler	\$2,795	\$3,060	\$3,397		
HP Package w/o OEM Cooler	\$2,522	\$2,771	\$3,189		
Race Package w/ External Cooler	TBD	TBD	TBD		

OEM Dressed & Timed Pkg. = All OEM Spec Timing Components, AVCS Sprockets, AVCS Oil Control Valves, Timing Covers, Water Pump, Tokyo Roki Oil Filter, Oil Cooler Components (If Equipped), Crankshaft Pulley. Non AVCS Cam Sprockets are RCM Alloy versions. FA20 comes w/ Upper/Lower Pan w/ Pickup & Oil Level Switch (WRX)

HP Dressed & Timed Pkg (EJ Only) = OEM Package w/ Timing Belt Upgraded to STI Kevlar Reinforced Belt, Timing Belt Guide Upgraded to RCM Billet Type, Water Pump Upgraded to Cast Impeller Type, Crankshaft Pulley Upgraded to Fluidampr Harmonic Balancer.

Race Dressed & Timed Pkg (EJ Only) = HP Package w/ RCM High Grip Tensioner, Oil Filter Upgraded to RCM, Air-Oil External Oil Cooler Setup.

EJ Oil Pan & Pickup Pkg. (Add)	Retail
OEM Pan w/ Killer B Pickup & Baffle	\$427
Killer B Pan Package	\$710
RCM GpN Baffled Pan w/ Dampened Pickup/KB Baffle	\$962

EJ Stage 0 Head Package = New Head Castings, GSC Stainless Valves STD Size, OEM Valve Springs & Retainers, OEM Camshafts, Cam Seals, OEM Valve Lifters, ARP2000 11mm Head Studs, OEM Head Gaskets, 11mm Oil Pump w/ Hardware & Seals (EJ), Valve Covers, Valve Cover Gaskets & Hardware, NGK Iridium Spark Plugs, Assembly.

EJ Stage 1 Head Package = New Head Castings, Ferrea Competition/Super Alloy Valves STD Size, GSC Beehive Valve Springs & Ti Retainers, Kelford Camshafts, Cam Seals, OEM Valve Lifters, ARP CA625+ 11mm or RCM 14/12mm Head Studs, RCM or Fire Lock Head Gaskets, RalliSpec HP 11mm Oil Pump w/ Hardware & Seals (EJ), Valve Covers, Valve Cover Gaskets & Hardware, NGK Iridium Spark Plugs, Performance Valve Job & Bowl Blend, Assembly.

EJ Stage 2 Head Package = New Head Castings, CNC S-Axis Porting, +1mm Ferrea Competition/Super Alloy Valves, Ferrea Dual Endurance Valve Spring Kit w/ Ti Retainers, Kelford Camshafts, Cam Seals, OEM Valve Lifters w/ DLC Coating, RCM 14/14mm Superstud Head Studs, RCM or Fire Lock Head Gaskets, RalliSpec HP 11mm Oil Pump w/ Hardware & Seals (EJ), Valve Covers, Powder Coated Valve Covers w/ Gaskets & Hardware, NGK Iridium Spark Plugs.

V25B Heads Add	\$150
N25 Head Add	\$100

FA Stage 0 Head Package = New Head Castings, OEM Valves, OEM Valve Springs & Retainers, OEM Pivots & Rocker Arms, OEM Camshafts, Camshaft Carriers, OEM Valve Shims, ARP2000 11mm Head Studs, OEM Head Gaskets, Valve Covers, Valve Cover Gaskets & Hardware, NGK Iridium Spark Plugs, Assembly

FA Stage 0.5 Head Package = New Head Castings, GSC Stainless Valves STD Size, GSC Single Valve Springs & Ti Retainers, OEM Pivots & Rocker Arms, Kelford EZ Camshafts, Camshaft Carriers, OEM Valve Shims, ARP2000 11mm Head Studs, OEM Head Gaskets, Valve Covers, Valve Cover Gaskets & Hardware, NGK Iridium Spark Plugs, Assembly.

FA Stage 1 Head Package = New Head Castings, GSC Stainless/Super Alloy Valves STD Size, GSC Beehive Valve Springs & Ti Retainers, OEM Pivots & Rocker Arms, Kelford Camshafts, Camshaft Carriers, OEM Valve Shims, ARP2000 1/2in Head Studs, OEM Head Gaskets, Valve Covers, Valve Cover Gaskets & Hardware, NGK Iridium Spark Plugs, Performance Valve Job & Bowl Blend, Assembly.