

Black Hawk Engineering

12/27/2007

YH EFI Fuel Injection Conversion

	Suggested Vendor		Price	Total
Throttle Body only				
4 injector F flow	Black Hawk Engineering	F4	\$1,250	\$1,250
4 injector B flow	Black Hawk Engineering	B4	\$1,250	
Throttle Body complete				
TPS	AutoZone	Wells TPS255	42.99	
TPS connector	AutoZone	543	10.99	
Injectors				
200 HP - 32 #/hr	Jeg's		211.96	211.96
225 HP - 36 #/hr	Jeg's		279.96	
250 HP - 40 #/hr	Jeg's		289.99	
275 HP - 44 #/hr	Jeg's		339.99	
fuel pressure regulator	Summit Racing	MSD-2222	72.00	
high pressure fuel pump	Summit Racing	MSD-2225	94.88	
fuel filter	NAPA	FIL3296	10.59	
air temperature sensor with connector	RS Autosport		20.00	
coolant temperature sensor with connector	RS Autosport		15.00	
injector connectors	RS Autosport		20.00	
fuel return line	McMaster-Carr	5176K24	18.86	
fuel hose	Auto Barn	Thermoid FI hose, 5/16"	18.48	
fuel hose clamps	Auto Barn	Ideal FI hose clamps	7.38	
terminal strip & jumpers	McMaster-Carr		10.00	
		F4-32#/hr	553.13	\$1,803
System Parts				
fuel filter	NAPA	FIL3296	10.59	
fuel pressure gauge	Jeg's	555-41012	17.99	
MegaSquirt fuel injection controller	RS Autosport	MS-1-113	399.00	
MegaSquirt relay box	RS Autosport	MSA-1-066	90.00	
cable, controller to relay box	RS Autosport	WIR-1-099	35.00	
wiring harness	RS Autosport	WIR-1-102	53.00	
braided wire shielding	RS Autosport	WIR-0-103	10.00	
power filter	Crutchfield	003S25A	20.00	
Wide band Oxygen sensor & controller	Innovate Motorsports	LC-1	199.99	
			1,044.46	\$2,848
Options				
Fast idle solenoid & mount			80.00	
IAC			quoted individually	
anodizing & powder coating			quoted individually	
install intake temperature sensor bung			40.00	
install exhaust oxygen sensor bung			40.00	
install fuel return line to filler neck			50.00	
assemble wiring harness			300.00	
mount electrical components on a plate and connect wires			200.00	