

Peripheral Specifications

System requirements

Electrical

System	12v dc	Negative Earth
Battery	16CBL	CCA: 240a AH: 19-20 Echlin ST94
Starter Relay	100amp Intermittent	
Alternator Output	10amps @ 3800rpm	
Fuses	ECU T14 –red. }	10amp
	Coils +12V }	
	Injectors +12V }	
	Pump/Ignition Relay }	2 x (1@15amp & 1@ 20amp in parallel)
	+12v }	

Fuel

System Pressure	43 psi static +/- 2%	35 – 55 psi dynamic
Flow	35 – 45 US gph at static pressure minimum	Note: <i>Dynamic fuel pressure is modified by manifold pressure</i>
Filtration	EFI rated inline filters pre and post fuel pump	5-8 micron.
Fuel Lines	Pressure	EFI rated ¼ " ID flexible
Filter Life	100 hrs	
	Return	EFI rated 5/16" ID flexible, routed to swirl, or surge tank.
Pump/Ignition Relay	Bosch 0-332-019-150	(or equivalent)
Fuel Pump	Bosch 0-580-254-910	(or equivalent)
Injectors	<i>Turbo</i> Bosch 0-280-155-868	370cc @ 38psi 12.3 ohm
	<i>Non turbo</i> Bosch 0-280-156-186	300cc @ 38psi 14.9 ohm

Lubrication

System Pressure	30-40psi run - hot	10-15psi idle - hot
Lubricant	20-50 mineral	First 20 hrs
	15-50 synthetic	Thereafter
Lubricant life	50 hrs	
Filtration	Screw-on element	RZ 442, non-bypass
Filter life	50hrs	

Transmission

Lubricant	70/90 Gear Oil	First 2.50hrs
	90 Gear Oil	Thereafter
Lubricant life	50hrs	

Ignition

Coil	HT	2000.0 ohms
	LT	1.0 ohm
Sparkplug Lead	9.0mm spiral silicon	1000.0 ohms/mtr
Ignition/Pump Relay	Bosch 0-332-019-150	(or equivalent)
Sparkplug	NGK BCPR7ES	Gap 0.035" (20lb/ft)
Sparkplug life	50 hrs	

Operational Requirements

Oil Temperature- max	Out, 240-300° F	In, 160-190° F
Exhaust Gas Temperature	W.O.T.;1250-1300°F <i>Measured 25mm from exhaust port @1280 • F</i>	Cruise;1200-1250° F <i>Measured 25mm from exhaust port 10.5-10.8 AFR</i>
<i>Oxygen Sensor reading; Downstream of turbo EGT readings; {Measured at centre of down-pipe}</i>	<i>60.0mm -200F of port reading 130.0mm-300F “ “ 200.0mm-400F “ “</i>	<i>These measurements are for guidance only, and must be confirmed by objective testing</i>
Cylinder Head Temperature	320-340° F	
Sparkplug Temperature	330-350° F	
Engine rpm limits	W.O.T; 4200rpm	Cruise; 3000-3500rpm