



Adam Lewis's Overland BMW F650

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Post-Departure Modifications -2004 BMW F650 GS

MODIFICATION	REASON	SUPPLIER	COMMENTS
Spherical bearing fitted to top of Ohlins shock	Multiple bush failures	Ohlins www.ohlins.com	See separate Suspension story in 'Maintenance & Failures'
Increased lower subframe bolts from M8 to M10 & added Nyloc nuts	Multiple failures of M8 bolts		Plenty of material on frame lugs for modification
Cut away radiator fan housing to improve clearance to radiator	Housing had distorted due to heat and rubbed two holes in radiator		Had to send radiator away for welding
Removed solid oil return pipe (sump to oil tank) and replaced with flexible hose routed around the front of the waterpump	Allows waterpump replacement without the need to drain the engine oil. Lay bike on its side		Made new 'banjo' fitting by cutting both ends off original pipe and brazing together
Fitted washable air filter	Outback dust	Unifilter www.uniflow.com.au	Bike shops across Australia often oiled my filter FOC
Fitted Racetec 'Gold Valve' Emulators to forks	Improved handling off-road	www.racetech.com www.shocktreatment.com.au	Unbelievable difference. No more bouncing the front end out of ruts, etc
Replaced aluminium seat bracket with steel	Aluminium one broke	Homemade	
GPS Isolation switch	My Garmin 276c has a 'Charge complete' light that stays illuminated even when the unit is switched off. This was draining the bike battery	Homemade	Use a switch with an LED

Fitted extra fuel tap and T piece for easy stove filling	Constant use was damaging fuel Q/R O-rings	Sourced from local boating shop	Used the bracket previously used to mount the PTO
Moved PTO socket to dummy tank cover	Previous bracket now used by stove fuel tap		
Fitted frames to front of panniers for carrying 2x 5 litre water containers	Needed extra water capacity for Outback	Homemade	
Removed Engine crashbars	Bars ran under sump and were causing ground clearance problems		