



Adam Lewis's Overland BMW F650

www.shortwayround.co.uk



Pre-Departure Modifications -2004 BMW F650 GS

MODIFICATION	REASON	SUPPLIER	COMMENTS
21" Front wheel	Better handling off-road & more ground clearance	Excel rim laced to original hub by Talon	Use in conjunction with modified rear shock
Stiffer fork springs	Improved handling, particularly when loaded	Touratech www.touratech.de	
Fork sliders	Protect fork sliders from stone chips	Touratech	Can use gaiters
Braided Steel brake hoses	Extra length required for handlebar risers. Improved braking performance	Venhill www.venhill.co.uk	
2003 Dakar screen	Improved wind protection	OE BMW	Needs homemade adaptor bracket if fitting to 2004> as these use a 4-hole mounting
Radiator Guards	Stone protection	Touratech	
Handlebar risers (65mm)	Gain clearance between handguards and clocks. Better position when standing	Touratech	Requires longer front brake hose
Magura oversize handlebars	Magura are the only company that supply O/S bars for BMW heated grips	Touratech	Can use any brand if not using OE BMW heated grips
Handguards/Brushguards	Protect levers in crashes	Acerbis	
Clutch lever	Adjustable span to suit small hands	Wunderlich www.wunderlich.de	
GPS mount mounting bracket	For use with braceless handlebars	Homemade	

GPS Mounting Bracket	Vibration proof lockable mount	Touratech	MvG Model
Large Fuel Tanks (39ltr)	Balance loaded bike. Outback Australia. Patagonia	Touratech	Supplied unpainted. Replace breather hose with fuel grade hose. Carry spare O-rings for Q/R couplings
Auxiliary wiring	Charging laptop, camera batteries etc	Homemade	Use ignition fed circuit
Hawker Odyssey Battery	Long life. Deep discharge. Cold starting		See 'Maintenance & Failures'
Sumpguard/Bashplate	Protect engine	Overland Solutions	
Engine Crashbars	Protect engine in a crash	BMW	Had to modify to use with TT fuel tanks as both share a frame mounting
Footrests	Larger size for better foothold and comfort when standing	Racespec (Gas Gas trials bike I think)	Require custom mountings
Sidestand/Footrest mountings	Improved design. Weight pushes through length of stand. Larger foot for soft ground. Mountings to suit non-standard footrests	Overland Solutions www.overland-solutions.com	
Centre Stand	Lengthened to suit suspension modifications	Overland Solutions	
Rear Suspension Unit	Improved ride quality, especially when loaded. Serviceability.	Ohlins via unnamed UK supplier	Dakar shock shortened to midpoint between a Dakar and a GS. Hydraulic pre-load adjuster removed. Sprung and re-valved to suit load. Plain bearing fitted to cylinder head. See 'Maintenance & Failures'

Pannier frames & Rack		Overland Solutions	Custom made. Inc 'hidden' tools/spares boxes. Adjustable rack to accommodate pillion.
Pannier Boxes		Touratech/Overland Solutions	Modified by OS. Anodized. Lockable clasps. Stronger, padlockable lid clasps
Registration Plate brace	Strengthen m/guard assy	Touratech	
Chain guard/Speed sensor protector	Replace original bulky item prone to failure	Touratech	See 'Maintenance & Failures'
Exhaust System	Remove catalytic converter	Remus	
Scotoiler	Extended chain life	Scotoiler www.scotoiler.com	Use large 'Touring' kit. Carry a few spare injectors and the screw on nozzle for re-filling. Use any oil.
Grease Nipples	Longevity. Ease of servicing	Homemade	Fitted to swing arm and bottom suspension linkage
Flexible Indicators	Bend in a crash	Touratech	
Folding gear lever	Fold-up in a crash	Touratech	Modified to operate correctly when wearing boots
Bike-to-bike jump start kit	Easy jump starting of bikes	Wunderlich	Access to battery requires removal of rack, seat & tank cover
Auxiliary power socket mounting	Requires moving when fitting TT fuel tanks	Homemade	
Autocom	Bike-to-Bike communications. Music via MP3	Autocom www.autocom.co.uk	