



'The Frog' - 1971 Baja Bug

Modifications I have made so far...

Engine and transmission:

- 1600TP Trekker engine with one-off (Turbo Thomas) stainless steel exhaust and a Weber DCNF 40 twin carb (on a *custom* manifold with a *custom* accelerator linkage). Petronix magnetic points. Tuned on a rolling road and outputs 60bhp.
- Rare Trekker (182) AV gearbox.
- Heavy duty gearbox straps (front and rear).
- Porsche 944 stub axles.
- VW Type 4 drive-shafts.
- Polished Porsche 944 CV joints.

Suspension - rear:

- Converted to IRS suspension.
- *Custom* heavy duty off-road IRS arms.
- 4 Bilstein (14.3" travel) 5125 series shocks handle damping on the rear (mounted to the roll-cage).
- Sway-a-way 27mm torsion bars.
- *Custom* heavy duty adjustable spring plates.
- *Custom* spring plate limiting straps and flop stops.

Suspension - front:

- *Custom* heavy duty raised front beam with extra long shock towers.
- 2 VW Type 2 (8" travel) rear shocks handle damping on the front.
- Sway-a-way 15% stiffer torsion leaves.
- *Custom* 2.5" raised spindles.
- Upper and lower front beam supports (modified stock fuel tank for clearance).

Brakes and wheels:

- **Genuine** Center Line wheels (8.5"x15" rear, 5.5"x15" front).
- 31"x10.5"x15" rear tyres, 7.5"x15" front tyres.
- *Custom* rear disk brakes (using Sierra Cosworth calipers).
- Porsche 944 master cylinder. (Connections reversed.)
- CNC fiddle brake.
- Front disk brakes.
- All new brake lines.
- Converted to studs front and rear.

Other:

- 10 point roll-cage (runs from front cage to rear engine cage, tying in the suspension).
- Frame horns braced to roll-cage.
- Front and rear cages (inc. spotlight mounts).
- Front and rear skid pans (rear covers gearbox and engine).

Electrical:

- Converted to a blade fuse-box.
- 6 spotlights (4 front, 2 rear - triggered by reverse).
- Battery moved to passenger side for better weight distribution.
- Funky custom central gauge panel.
- Push button start.
- Alarm and central locking.