



Road Registerable LS Swap component costing sheet for the BRZ / GT86 with full integration

The following price guide includes most of the major components required to LS swap your 86/BRZ while keeping it road legal in Australia. To be road legal, the engine must come from a vehicle of the same year or younger as the BRZ/86 chassis and retain all safety functions such as traction and stability control. Conversion to Track/Drift cars can be done considerably cheaper as an older engine can be used and less components required compared to street compliance. Other costs that should also be considered include fuel pump upgrades (if engine is modified), supporting brake and suspension upgrades. These are not covered in this costing sheet.

	Low End Price Description (Used,DIY etc)	High End Price Description (New, Bolt-in, Plug in etc)	QTY	Cost Estimate BUDGET (Used/DIY)	Cost Estimate Hgh End (new - bolt/plug in)
Engine	Used 6L L98/L77 with accessories	New (crate LS3 + accessories+TR6060 Trans)		\$6,000	\$15,000
Ranging from gen4 6ltr L98 (from VE/VFI Commodore) to LS3 (6.2lr) from VE/VFI HSV or VFII					
E38 Computer (may be included in engine package above)	Used	New	1	\$200	\$500
E38 Custom tune (remove VATS immobiliser, ensure tune configuration compatible with Canbus Translator - Recommend this is done by the tuner)			1	\$200	\$200
AGT Engineering Plug and Play Canbus translator	Translator + Engine plug and modify your existing LS loom.	Brand new LS loom modified ready to connect.	1	\$800	\$1,500
AGT Engineering LS mount kit	Flat pack DIY mount adaptor pieces with Nolathane LS rubber mounts	Fully assembled, welded, painted mount kit for LS3-TR6060 gearbox	1	\$650	\$900
90degree TB to AFM hose			1	\$70	\$70
Aeroflow AF64-2115BLK Billet Thermostat Housing Black Swivel Fits LS3					
Mackay Radiator Hose (Top) CH1802					
Shielded Air Filter	PAC Performance	PAC-AFSSHIELD	1	\$150	\$150
Fuel Line Fittings			2	\$80	\$80
AF808-02BLK - Push-On EFI Fuel Fitting 3/8" Hose Pressure Side			1		
AF400-06-1MBLK - 400 Series Push Lock Hose -6AN (Black)			1		
Push Lock Straight Hose End -6AN - Black Finish			2		
AF444-06 - Aero Clamp suit -6 Push Lock Hose			2		
AF824-06BLK - Flare AN Tee -6AN			1		
AF413-06-05BLK - 90° Hose Barb 5/16" to -6AN			1	\$200	\$200
Air Conditioning	Don't Need A/C	Install fittings to GM Compressor tubes, new flexible lines and regas	1	\$0	\$800
Tailshaft	Gibson Driveshaft http://www.gibsondriveshaft.com.au/ TR6060 to BRZ/86 Diff Tailshaft		1	\$800	\$800
Exhaust (cost varies greatly)	Cheapest using LS1 syle HSV headers cats and existing off shelf single exhaust.	Most expensive full custom header-twin exhaust	1	\$1,000	\$4,000
VF Commodore Clutch master (new)			1	\$120	\$120
Clutch master install to clutch pedal (if outsourced)			1	\$150	\$0
LS1 Front Sump (used)		Aftermarket front sump	1	\$350	\$500
LS1 Sump clearance modifications		Fitting relocation (to point out the side)	1	\$200	\$200
Oil Filter Relocation Kit			1		\$60
Engineering Certification + required tests			1	\$1,000	\$1,500
Consumables/Miscellaneous			1	\$750	\$1,250
TOTAL PARTS COSTS				\$12,720	\$27,830
				BUDGET	HIGH END

Note: Prices given are estimated at time of writing and in Australian \$AUD. Prices can vary over time and location