

BMW E36 5.0 SWAP FREE PLANNING GUIDE



This free download is a guide
to planning your E36 5.0 swap.

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but please do not remove the links.

www.E36V8.com

E36 5.0 SWAP – COST WORKSHEET

A 1992-1998 E36 318, 325, 328, or M3 (with required drive train parts – see next page)	\$ _____
Ford 5.0 / T5 and related parts (see next page)	\$ _____
E36V8.com engine mounts	\$ _____
E36V8.com transmission mount	\$ _____
E36V8.com conversion manual	\$ _____
Clutch parts (details in conversion manual)	\$ <u>188.88</u>
Radiator/cooling (details in conversion manual)	\$ <u>176.90</u>
Budget for local driveshaft work	\$ <u>250.00</u>
Budget for local exhaust work	\$ <u>200.00</u>
Miscellaneous conversion parts (details in conversion manual)	\$ <u>264.28</u>
Power steering parts (details in conversion manual)	\$ <u>62.68</u>
Add for go-fast goodies	\$ _____
Add for preventative maintenance parts	\$ _____
PROFIT FROM SELLING E36 PARTS	(SUBTRACT) \$ _____
TOTAL	\$ _____

E36 5.0 SWAP - PARTS YOU'LL NEED FROM AN 87-93 MUSTANG

Engine

5.0 Long block with rear-sump oil pan
Mustang shorty headers (cheapest of many header options detailed in manual)
Upper and lower intake manifolds
EGR spacer
Throttle body
Intake elbow
MAF tube
Fuel rails
Coolant pipes
Thermostat housing
Radiator hoses

Transmission

T5 transmission
Flywheel
Clutch
Clutch fork
Throwout bearing
Shifter, including handle
T5 rubber mount
Front half of driveshaft

Accessories/front dress

Pulleys
Water pump (reverse rotation for serpentine belt, driver's side exit)
Alternator bracket with integral tensioner
Power steering bracket

** If you will be using supercharger, you'll need a 94+ front dress (shorter) due to radiator clearance

Electrical

3G alternator (from 94+)
Small case starter (the one with a solenoid attached)
Main wiring harness (the one that the Computer plugs in to)
Engine wiring harness (the one that the injectors plug in to)
O2 harness (the one that the O2 sensors plug in to)
Coil
Distributor
Reverse light wiring (attaches to T5)

Sensors & Actuators

5.0 EFI computer
Throttle Position sensor
Mass Air Flow sensor
EGR valve position sensor
EGR actuator
Engine Coolant Temp sensor
Air charge temp sensor
Barometric sensor
O2 sensors
Idle Air Bypass
Fuel injectors
TFI (on distributor)
Fuel pressure regulator
All Relays that plug into the main harness
Vehicle speed sensor

Other

Throttle cable
A/C compressor, lines, and bracket (if A/C is desired)

E36 5.0 SWAP - PARTS YOU'LL NEED FROM THE E36 DRIVETRAIN

Power steering pump
Power steering return lines & reservoir
Rear half of driveshaft
6-cylinder exhaust can be reused if desired
Engine wiring harness
Clutch pedal & clutch master cylinder