

# ZZ502 Swap Checklist

Use this as your pre-fire sanity pass.

## Mounts & Fitment

- Correct engine mounts/pedestals for chassis
- Oil pan clears crossmember/steering; pickup matched to pan
- Headers/manifolds clear steering box, plugs accessible
- HEI/Distributor clearance at firewall/hood

## Front Drive & Cooling

- Short/long water pump matched to brackets and pulleys
- Belt alignment verified under load
- Radiator sized for BBC; shroud fitted; 180° thermostat
- Fan selection (HD clutch or electrics) confirmed with clearance

## Fuel & Ignition

- 3/8" feed line (or larger) with clean routing/heat protection
- Regulator set ~5.5–6.5 psi at bowls; verify WOT flow
- Fresh plugs (heat range to suit), proper gap
- Timing baseline set (12–16° initial), vacuum advance verified

## Driveline

- Flexplate/flywheel for external balance and correct tooth count (168T)
- Converter bolt circle/pilot fit confirmed; threadlocker + torque
- U-joints fresh; driveshaft angles checked

## Start-Up

- Prime oil system; verify pressure on drill
- Fill coolant and burp system; no air pockets
- Check for fuel leaks, throttle return, and full travel
- First fire: verify timing, temp, pressure; watch for percolation

## Tip

**Big torque finds the weakest link first. Over-build cooling, converter, and fuel delivery.**