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## 914 Engine Removal Technical Article Checklist

Print out this list to assist you in your engine removal. We recommend that you have a copy with you as you perform the removal process. Forgetting any one of these steps could cause heartache at a later time.

Remember that your continued support of Pelican Parts helps to keep technical articles like this one coming. Please check with us for some good deals on 914 parts and accessories. If you have any questions, feel free to call or email us at [pelicanparts@csi.com](mailto:pelicanparts@csi.com).

Thanks again for your support.

Special tools that you will need for the job:

- CV bolt removal tool
- 2 Large Floor jacks (one is ok, but two are highly recommended)
- A set of metric hex keys (sockets recommended)
- 2 jack stands
- A furniture cart (available at Home Depot)
- Concrete blocks and 4x4 blocks of wood

Removal Checklist:

(check off tasks as you complete them)

- Remove engine lid
- Disconnect and remove battery
- Separate starter wire from battery terminal
- Empty gas tank
- Disconnect fuel lines
- Remove air cleaner assembly
- Disconnect charcoal canister fuel lines
- Disconnect FI harness from relay board
- Disconnect starter harness from relay board
- Disconnect alternator harness
- Disconnect oil pressure sender (if installed)
- Disconnect heater blower motor hoses
- Detach fuel injection brain from car bulkhead
- Detach pressure sensor and air regulator valve
- Detach relay pack and capacitor pack (1.8L motors)
- Disconnect and detach accelerator cable
- Loosen lug nuts on rear wheels
- Loosen CV joint bolts
- Jack up car, chock the front wheels
- Disconnect and bag CV joints
- Disconnect speedometer cable
- Disconnect clutch cable, feed through engine bar
- Remove rear shift linkage
- Disconnect accelerator cable (914-6 only)
- Disconnect transmission ground strap
- Disconnect hot-start relay (if installed)
- Disconnect external oil cooler (if installed)
- Disconnect heater hoses
- Disconnect heater cables
- Disconnect oil temp sender
- Feed accelerator cable through sheet metal
- Drain oil if needed
- Place cart under car
- Remove rear wheels
- Place jacks under jack posts

- Lower car until about ~~1~~2" above cart
- Check clearance of brake rotor covers
- Support car with blocks
- Disconnect the engine bar bolts
- Disconnect the transmission mounts
- Raise car 1 inch
- Check for interference or forgotten cable
- Raise car another inch
- Separate engine compartment seals from engine sheet metal
- Check injectors for clearance
- Raise car 1 foot
- Check axles to make sure they don't catch on transmission
- Raise car up to height so that engine can be pulled out under rear valance
- Pull engine rearward about 1 foot
- Place axles on top of engine
- Pull engine out from under car
- Replace wheels
- Lower car