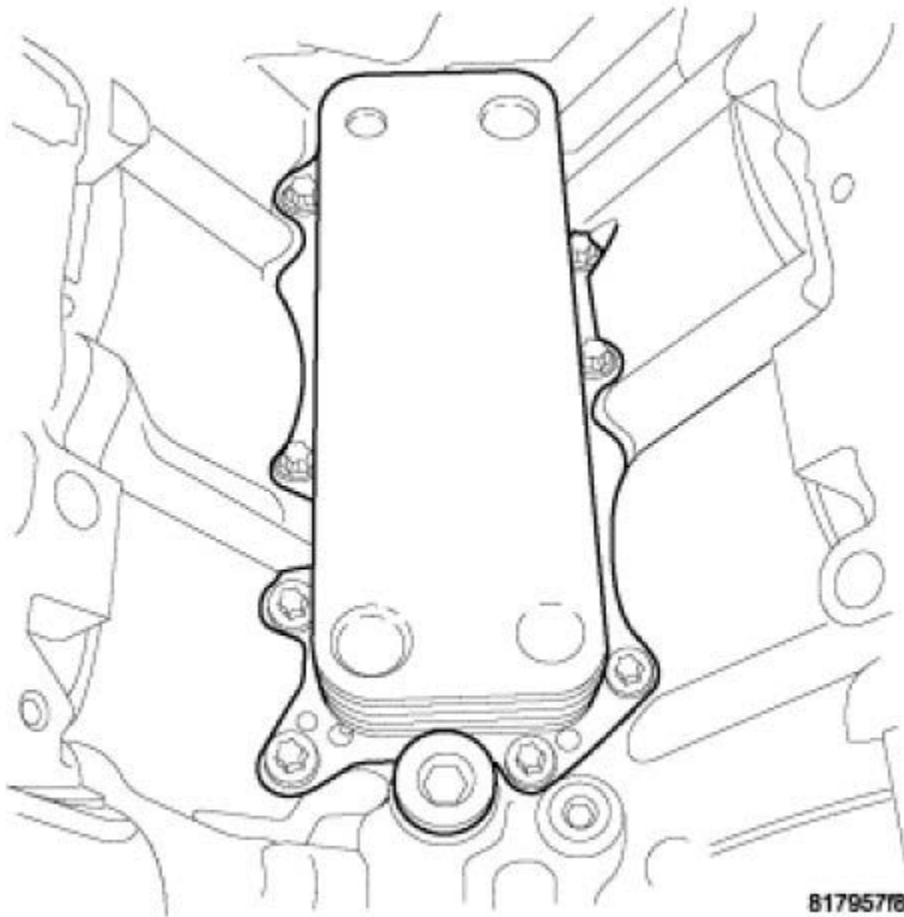


## Removal

### REMOVAL



1. Disconnect the negative battery cable.
2. Drain the [cooling system](#).
3. Remove the air cleaner assembly.
4. Remove the [coolant reservoir](#) and hoses.
5. Remove the charge air cooler hose between turbocharger and cooler.
6. Remove the turbocharger.
7. Remove the lower radiator hose at the water pump housing assembly.
8. Remove the water pump housing assembly.
9. Remove the engine oil cooler..