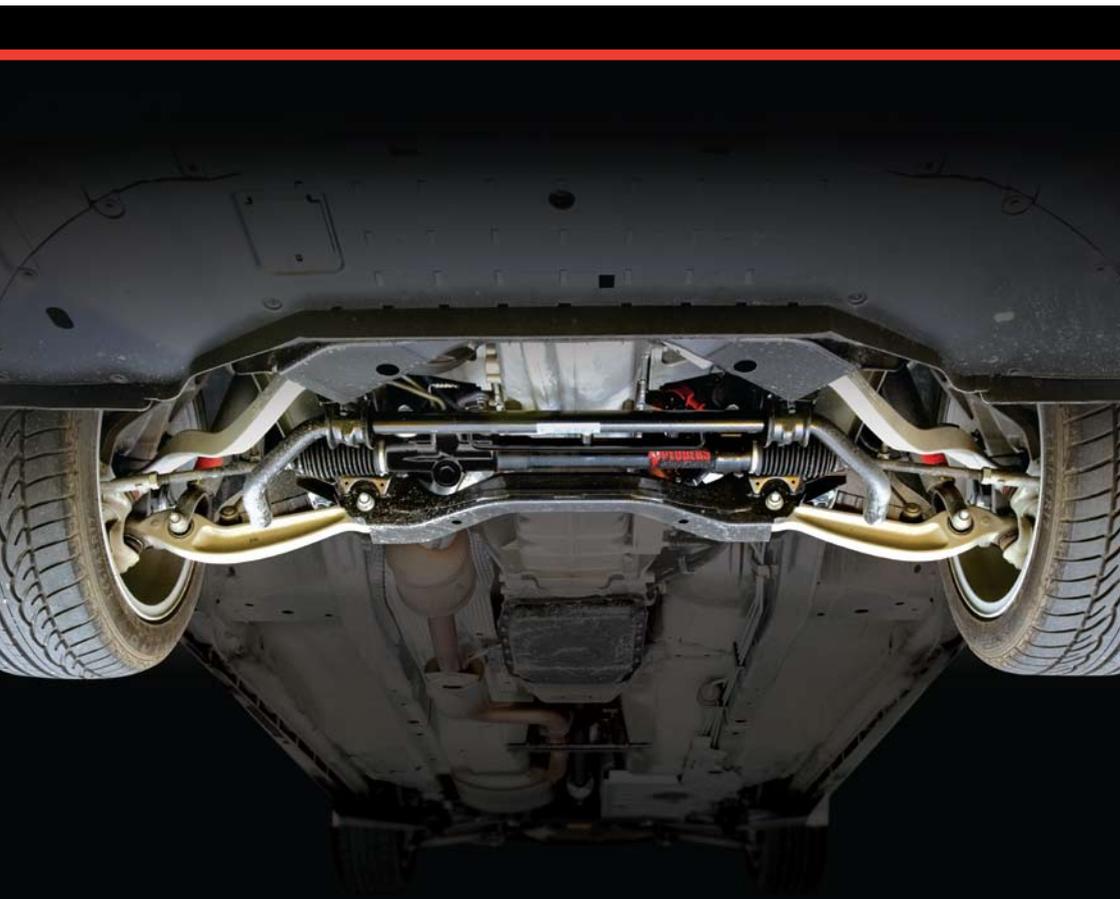




PEDDERS
POWER STEERING



We don't cut corners with
POWER STEERING

MAINTENANCE

You won't find power steering maintenance listed in your car's service book and yet industry surveys show that 90% of power steering failures could have been prevented by regular servicing - failures that can cost from \$300 - \$3,000 to repair.

Pedders recommends that your car's steering be checked every 12 months or 20,000km. With our expert staff and quality power steering replacement units, we have the specialist service and equipment you can depend on.

WHY RE-MANUFACTURED?

Pedders re-manufactures its range of steering gears to ISO 9001 standards. By following stringent ISO 9001 protocol, every Pedders re-manufactured power steering unit is completely disassembled with each individual component being measured, rebuilt and tested to meet specifications equal to or better than Original Equipment (OE) standards.

Because of this, Pedders offer a two year/ 40,000km warranty on its re-manufactured power steering gears. There simply is no better quality available in the market today.

This means a customer can purchase a re-manufactured Pedders unit, knowing there will be no hidden surprises, as can be the case in many reconditioned units where just the symptoms of wear and tear have been treated.

Remember, a Pedders re-manufactured power steering gear is guaranteed to be at least as good as, if not better than the original equipment. We use only the latest hi-tech equipment which includes many tools and machinery that have been specifically designed to world class standards just for our re-manufactured steering gears.



Pedders also supply the following with every re-manufactured steering gear to further ensure quality and longevity :

- new tie rods, seals, teflon rings, boots, o-rings and all other consumables
- a return line filter that extends the life of the power steering unit by filtering out the microscopic particles that cause wear and tear. Regular replacement of the filter will ensure even longer product life.



In Line Filter

Pedders also offers a comprehensive 28 point steering and suspension safety inspection in which all steering and suspension components are checked for condition and safety. These items are not covered by normal servicing and yet contribute greatly to a vehicle's handling, comfort, and safety.

SERVICING

Power steering is certainly the most overlooked of all a car's systems that require regular servicing. It is a sophisticated hydraulic mechanism incorporating a pump, drive belts, bearings, valve, hoses and seals.

The power steering pump operates continuously whenever the car's engine is running. The constant rotation of the pump produces microscopic metal particles which are circulated continuously throughout the system, causing constant wear not only to the pump, but also to other components such as the bearings, seals, valves and piston.

Pedders' power steering service includes the fitting of a filter to minimise this wear and tear. Such filters are not yet standard in power steering systems.

The servicing involves inspection of the power steering fluid, hoses, connections, clamps, drive belt and hose routing.

The pump is checked for mechanical operation, correct belt alignment and operation and all pump and rack mounts are inspected and secured.

Pedders has a wide range of replacement steering componentry, including quality re-manufactured power steering gears; new and re-manufactured hydraulic pumps; new replacement pressure hoses; heavy duty rubber and urethane bushes; replacement steering joints - Australian, Japanese, American and European; heavy duty bump stops and boots and an extensive range of special alignment products.

- Contaminated Fluid



- Clean Fluid



WARNING SIGNS FOR POWER STEERING SYSTEMS

- Steering less responsive, or 'hard' spots in steering
- Drops of oil under the car after being left standing overnight
- When checking fluid level, note the colour. If it darkens, have your system serviced immediately.

These are the three major warning signs for power steering systems which are often a sign of an impending failure in the system.

TIPS ON POWER STEERING MAINTENANCE

- Regularly check the level of your power steering fluid and top it up when necessary.
- Check for oil spots under the car after it has been left standing overnight.
- Never hold the steering on full lock for more than 10 seconds.
This can damage the pump.
- Avoid turning the steering wheel whilst car is stationary and engine is switched off. This puts unnecessary strain on the entire steering system.
- Have unusual noises checked out immediately.
- Have 'hard' spots, hesitations or any freeplay in the steering inspected as soon as possible.
- Many outlets throughout the Pedders Suspension network offer a power steering flush service designed to rid contaminants and restore life to your vehicle's power steering system. Call your local Pedders Suspension outlet for more information.



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