

70,000 Mile Maintenance Guide

<i>Maintenance Item</i>	<i>Recommended</i>		<i>Actual I/R & Date</i>	<i>Brand Used</i>	<i>Warranty Period</i>
	<i>Inspect</i>	<i>Replace</i>			
Example-Battery		X	R 11/5/02	AC Delco	5 yrs
Air Filter		X			
Engine Oil	X	X			
Power Steering Fluid	X				
Tires*	X				
Transmission Fluid	X				
Wiper Blades	X	X			
Washer Fluid	X				
Exterior Care	X				
Lights and Bulbs	X				

* Tires should also be rotated and balanced every 15,000 miles.

Vehicle:

Performed by:

Cost:

Owner's Notes:

Shop's Notes:

(items noted during vehicle inspection, repairs needed, etc.)

Explanations and Recommendations

Air filter - Replace the air filter about every 12,000 miles for normal driving conditions. A dirty air filter will not cause the engine to run bad, stall, or misfire. A dirty filter *can* cause reduced fuel economy and higher exhaust emission gases.

Engine Oil -

Inspect: Check oil level when engine is cold and with vehicle on level ground.

Replace: Change oil and filter. Check all fluids, tires and air pressure, air filter, belts and hoses and spare tire condition when changing the engine oil. This is also a great time to clean the corrosion from the battery cables.

Power Steering Fluid –

Inspect: Check level. Power steering fluid can either be pink or clear in color, usually only a very small amount is needed to top off fluid level. If more than 2 oz. is needed, have the system checked for leaks or wear.

Replace: Power steering fluid just like any other fluid becomes dirty and contaminated and should be replaced with clean fluid periodically. Dirty power steering fluid can cause the power steering pump or the power steering gear assemblies to fail and can cause premature wear to occur.

Tires --

Inspect: Check pressure and tread wear. Check air pressure cold unless otherwise described in the owner's manual. Inspect tires for uneven tread wear, punctures, bulges, or cuts in sidewall of the tire.

Rotate and balance: Routine rotation and balancing can greatly extend the life of your tires. Tires should also be rotated and balanced every 15,000 miles. Most front end "shake and shimmy" complaints can be attributed to out of balance, or out of round tires. Ask your mechanic to inspect the brakes for free when rotating and balance tires.

Transmission Fluid (automatic transmission) -

Inspect: Usually the transmission fluid level is checked with the engine hot and in park, and with engine running. Check your owner's manual for proper fluid type and proper fluid level inspection procedures. Automatic transmission fluid is usually pink in color. Most standard shift transmissions will have a drain plug to service the fluid. Some stick shift transmissions use engine oil as a lubricant; consult your owner's manual when servicing. It could also be a good idea to have the replacement fluid type information available for the repair shop.

Replace: Consult vehicle owner manual for proper fluid type and service interval. If applicable, replace the internal automatic transmission filter or clean the re-usable screen when changing the transmission fluid. A transmission pan gasket will also be required during a filter change. Some newer model vehicles require special additives and detergents be used—consult owner's manual for fluid specifications.

Windshield Wipers --

Inspect: Check wiper blades for wear and washer fluid level during a regular oil and filter change. Don't make the mistake of never thinking about replacing or inspecting the wiper blades until you really need them.

Replace: Some wiper blades are different lengths for driver and passenger side. Measure old blades before replacing with new ones. Some manufactures like Anco offer different replacement wiper blade types (i.e. for snow and ice, off road, and severe duty).

Windshield Washer Fluid - Check level. Anti-freezing and water repelling additives can also be added to the washer fluid reservoir. Not only will washer fluid aid in removing dirt from the windshield, but also it will act as a lubricant to prolong the life of the wiper blade. Adding rubbing alcohol to the washer fluid can be harmful to the rubber on the wiper blades.

Exterior Care- There are all types of automotive finish waxes on the market, find one that is right for your vehicle surface and your pocket book. Some waxes are expensive and time consuming to apply, and may or may not be worth the extra expense and effort. A visit to a detail shop might be well worth the additional expense to obtain a professional long lasting waxed finish, or at least some advice or a product recommendation.

Lights and Bulbs – Save yourself the hassle of failing a vehicle inspection or being pulled over by the police for a tail or brake light bulb out. Have all lights checked when performing a regular engine oil change.