HOORVIA ? OBD2 CODES

Quick Reference Cheat Sheet · US Letter & A4 Printable

Reference Charts · Sheet #1289

Maintenance Item / Fluid	Service Interval (Mileage / Time)	Specification / Metric	Inspection Procedure	Warning Signs of Failure
Engine Oil & Filter (Synthetic)	7,500 ? 10,000 Miles (or 12 Months)	API SP / ILSAC GF-6 (0W-20 / 5W-30)	Check dipstick when cold on level ground; amber to light brown	Dark black gritty fluid, low oil pressure light, engine ticking
Tire Rotation & Pressure	5,000 ? 7,500 Miles / Monthly Check	Cold PSI per driver door jamb plaque (typically 32?36 PSI)	Inspect tread depth with penny (Lincoln head > 2/32")	Uneven shoulder wear, steering vibration at highway speed
Brake Pads & Rotors	30,000 ? 50,000 Miles	Minimum pad thickness: 3?4 mm (replace at 2 mm)	Visual inspection through wheel spokes; check rotor lip	High-pitched squealing, grinding noise, soft spongy brake pedal
12V Lead-Acid / AGM Battery	Inspect annually; replace every 3?5 years	Resting voltage: 12.6V+ (100%), 12.4V (75%), <12.0V (Discharged)	Multimeter check engine off; inspect terminals for white corrosion	Slow engine crank, flickering dash lights, clicking starter
Engine Coolant / Antifreeze	50,000 ? 100,000 Miles (or 5 Years)	50/50 Distilled water & ethylene glycol mix (freeze point -34°F)	Inspect translucent expansion reservoir when completely cold	Sweet odor, cloudy/rusty fluid, engine temperature gauge spike
OBD2 Diagnostic Codes	Scan immediately upon CEL illumination	P0300 (Misfire), P0420 (Catalyst), P0171 (System Too Lean)	Connect OBD-II scanner to diagnostic port under driver dashboard	Flashing Check Engine Light (CEL) indicates catalyst-damaging misfire