

MAINTENANCE

Scheduled Maintenance	Normal Usage	Severe Usage*
Engine Oil and Filter	Replace 7,500 or 12 mos.	Replace 5,700 or 6 mos.
Tire Rotation	Perform 7,500	Perform 7,500
Air Cleaner Filter	Inspect 7,500 Replace 30,000	Inspect Same As Normal Replace More Frequently
Vacuum Hoses	Inspect 7,500	Inspect Same As Normal
Climate Control Air Filter (for Evaporator and Blower Unit)	Replace 15,000	Replace More Frequently
Air Conditioning Refrigerant	Inspect 15,000	Inspect Same As Normal
Brake Hoses & Lines	Inspect 15,000	Inspect Same As Normal
Drive Shafts & Boots	Inspect 15,000	Inspect 7,500
Electronic Throttle Control	Inspect 15,000	Inspect Same As Normal
Exhaust Pipe & Muffler	Inspect 15,000	Inspect Same As Normal
Front Disc Brake Pads, Calipers & Rotors	Inspect 15,000	Inspect More Frequently
Propeller Shaft (PWC)	Inspect 15,000	Inspect 7,500
Steering Gear Box, Linkage & Boots/ Lower Arm Ball Joint, Upper Arm Ball Joint	Inspect 15,000	Inspect More Frequently
Suspension Mounting Bolts	Inspect 15,000	Inspect Same As Normal
Brake/Clutch Fluid	Inspect 30,000	Inspect Same As Normal
Crankcase Ventilation Hoses	Inspect 30,000	Inspect Same As Normal
Fuel Filter	Inspect 30,000	Inspect Same As Normal
Fuel Lines, Fuel Hoses and Connections	Inspect 30,000	Inspect Same As Normal
Fuel Tank Air Filter	Inspect 30,000	Inspect Same As Normal
Rear Disc Brake Pads, Parking Brake	Inspect 30,000	Inspect More Frequently
Vapor Hoses, Fuel Tank & Fuel Filter Cap	Inspect 30,000	Inspect Same As Normal
Manual Transaxle Fluid	Inspect 37,500	Replace 75,000
Rear Axle Oil (AWC)	Inspect 37,500	Replace 75,000
Transfer Case Oil (AWC)	Inspect 37,500	Replace 75,000
Valve Clearance	Inspect 60,000	Inspect Same As Normal
Drive Belt (A/C, A/C)	1st Inspect 60,000 or 48 mos. Add Inspect 11,000 or 12 mos.	Inspect Same As Normal
Spark Plugs (Iridium Coated)	Replace 105,000	Replace More Frequently
Coolant	1st Replace 120,000 or 120 mos. Add Replace 30,000 or 24 mos.	Replace Same As Normal
Automatic Transaxle Fluid	No check, No service required	Replace 60,000

*See Owner's Manual for details.

Looking for more detailed information? This Quick Reference Guide does not replace your vehicle's Owner's Manual. If you require additional information or are unsure of a specific issue, you should always refer to the vehicle's Owner's Manual or contact your authorized Hyundai dealer.

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Hyundai Hybrid Manual

Mark Steyvers



Hyundai Hybrid Manual:

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figure 2 simulink phase domain model with the simulink model we can easily simulate noise nonlinearities and the kinds of effects seen in real devices for example the effects of any mismatch between the up current and the down current in the

charge pump similarly the simulink model shows us how phase noise is affected by spurs

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system to adjust the oscillator frequency or phase to track an applied frequency modulated or phase modulated signal
voltage controlled oscillator blocks a voltage controlled oscillator is one part of a phase locked loop

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