

PERIODIC MAINTENANCE SERVICE FOR IONIQ HEV

No.	Package	Part Number	Unit Selling Price (RM)	Hyundai Care Basic	Hyundai Care Basic	Hyundai Care Advanced	Hyundai Care Basic	Hyundai Care Advanced	Hyundai Care Basic	Hyundai Care Advanced +	Hyundai Care Basic	Hyundai Care Advanced	
				1	5	10	15	20	25	30	35	40	
				1	15	30	45	60	75	90	105	120	
SCHEDULE MAINTENANCE SERVICE													
1	Lubricant (Per Hour)		80.00	0.5	1	1.5	2.4	3.3	4	4.7	5	5.7	
2	Engine Oil (Grade SAE 5W-30) (Per Litre)	HL60006-L701	110.00	1	5	10	15	20	25	30	35	40	
3	Engine-DRIVE ATTITUDE Fluid (DOT 3 or DOT 4)	HL60006-L702	22.00	1	1	1	1	1	1	1	1	1	
4	Oil Filter	HL60006-L703	20.00	1	1	1	1	1	1	1	1	1	
5	Oil Plug Gasket	HL60006-L704	1.80	1	1	1	1	1	1	1	1	1	
6	Spark Plugs (Iridium)	HL60006-L705	62.00	1	1	1	1	1	1	1	1	1	
7	Air Filter Element	HL60006-L706	14.00	1	1	1	1	1	1	1	1	1	
8	Final Drive Transmission Fluid	HL60006-L707	62.00	1	1	1	1	1	1	1	1	1	
9	Brake Fluid (DOT 3 or DOT 4)	HL60006-L708	60.00	1	1	1	1	1	1	1	1	1	
10	Radiator Coolant & Inverter Coolant (Require 10 Litres)	HL60006-L709	81.00	1	1	1	1	1	1	1	1	1	
		HL60006-L710	21.00										
11	Anti-Freeze	HL60006-L710	21.00	1	1	1	1	1	1	1	1	1	
12	Air Conditioning Filter	HL60006-L711	62.00	1	1	1	1	1	1	1	1	1	
13	HyundaiCare Wash & Wax (Per Car)	HL60006-L712	20.00	1	1	1	1	1	1	1	1	1	
14	Air Conditioning System	Refer A/C Service	023 & 023	1	1	023	1	023	1	023	1	023	
Service Cost (RM)				F.O.C	F.O.C	F.O.C	F.O.C	F.O.C	413.00	1,471.40	413.00	769.10	
				A/C Service	-	-	250.00	-	409.00	-	250.00	-	409.00
				Total Cost with A/C Service	-	-	250.00	-	409.00	413.00	1,721.40	413.00	1,178.00

PREVENTIVE MAINTENANCE - ADDITIONAL LABOUR CHARGE INCURRED FOR REPLACEMENT SERVICE
 PRICE SHOWN ABOVE EXCLUSIVE OF GST & PRICES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.
 FREE SERVICE up to 3 years or 60,000KM
 A/C SERVICE IS COMPULSORY FOR EVERY 30,000KM

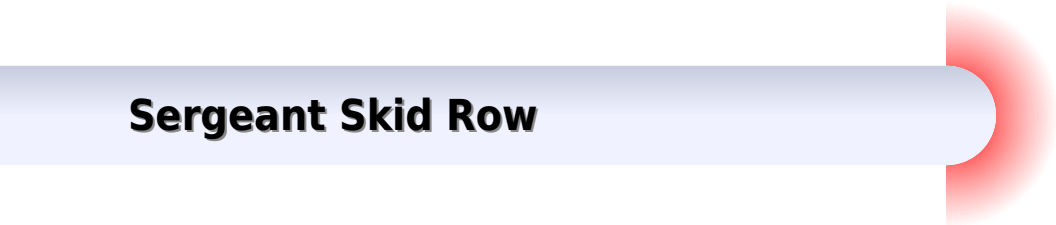
1. REPLACE
2. INSPECT, ADJUST
3. SERVICE
023 (023: 000K CAR, 1, 000K CAR)

Update July 2017



Recommended Maintenance Schedule Hyundai

Sergeant Skid Row



Recommended Maintenance Schedule Hyundai:

Hyundai Kevin M.G. Maher,1993 **Hyundai Excel Automotive Repair Manual** Mike Stubblefield,John Harold Haynes,1991 Cover title Hyundai Excel 1986 thru 1993 all models **Hyundai Excel** Mike Stubblefield,John Harold Haynes,1991 Models covered all Hyundai Excel models 1986 through 1991 **Gearhead at Large** Steven Rossi,West Peterson,2021-08-13 A popular feature in Antique Automobile magazine Steven Rossi s columns open up the world of old cars transporting readers to earlier times from the age of horseless carriages through the evolution of cars and car culture This compilation from a decade s writings draws on a lifetime of knowledge and experience amassed in the antique auto hobby the enthusiast community and the automotive industry to explore topics large and small The selected essays edited and with photographs provided by award winning Antique Automobile editor West Peterson include informative treatments of historical subjects and technical matters whimsical observations important brand and model analyses profiles of compelling personalities and an abundance of fascinating excursions down side roads of the automotive map For the curious think of this collection as a crash course in automotive history For those already immersed in the old car universe it offers fresh insights and an authoritative perspective on topics of lasting interest **Autonomous and Connected Heavy Vehicle Technology** Rajalakshmi Krishnamurthi,Adarsh Kumar,Sukhpal Singh Gill,2022-01-18 Autonomous and Connected Heavy Vehicle Technology presents the fundamentals definitions technologies standards and future developments of autonomous and connected heavy vehicles This book provides insights into various issues pertaining to heavy vehicle technology and helps users develop solutions towards autonomous connected cognitive solutions through the convergence of Big Data IoT cloud computing and cognition analysis Various physical cyber physical and computational key points related to connected vehicles are covered along with concepts such as edge computing dynamic resource optimization engineering process methodology and future directions The book also contains a wide range of case studies that help to identify research problems and an analysis of the issues and synthesis solutions This essential resource for graduate level students from different engineering disciplines such as automotive and mechanical engineering computer science data science and business analytics combines both basic concepts and advanced level content from technical experts Covers state of the art developments and research in vehicle sensor technology vehicle communication technology convergence with emerging technologies and vehicle software and hardware integration Addresses challenges such as optimization real time control systems for distance and steering mechanism and cognitive and predictive analysis Provides complete product development commercial deployment technological and performing costs and scaling needs *Lemon-Aid New and Used Cars and Trucks 2007-2017* Phil Edmonston,2017-03-11 Steers buyers through the the confusion and anxiety of new and used vehicle purchases like no other car and truck book on the market Dr Phil along with George Iny and the Editors of the Automobile Protection Association pull no punches Hyundai Excel, 1986-1988 Kalton C. Lahue,1989 **Lemon-Aid New and Used Cars and Trucks**

2007-2018 Phil Edmonston, 2018-02-03 Steers buyers through the the confusion and anxiety of new and used vehicle purchases like no other car and truck book on the market Dr Phil along with George Iny and the Editors of the Automobile Protection Association pull no punches *Popular Mechanics Complete Car Care Manual* Popular Mechanics, 2008 Vehicle maintenance SPIN , 1992-10 From the concert stage to the dressing room from the recording studio to the digital realm SPIN surveys the modern musical landscape and the culture around it with authoritative reporting provocative interviews and a discerning critical ear With dynamic photography bold graphic design and informed irreverence the pages of SPIN pulsate with the energy of today s most innovative sounds Whether covering what s new or what s next SPIN is your monthly VIP pass to all that rocks *Consumer Reports 2002* Consumer Reports, 2003-02 **SPIN** , 1992-05 From the concert stage to the dressing room from the recording studio to the digital realm SPIN surveys the modern musical landscape and the culture around it with authoritative reporting provocative interviews and a discerning critical ear With dynamic photography bold graphic design and informed irreverence the pages of SPIN pulsate with the energy of today s most innovative sounds Whether covering what s new or what s next SPIN is your monthly VIP pass to all that rocks *Lemon-Aid Used Cars and Trucks 2009-2010* Phil Edmonston, 2009-02-16 For the first time in one volume Phil Edmonston Canada s automotive Dr Phil covers all used vehicles packing this guide with insider tips to help the consumer make the safest and cheapest choice possible from cars and trucks of the past 25 years *Popular Mechanics* , 1995-11 *Lemon-Aid New Cars and Trucks 2013* Phil Edmonston, 2012-12-01 Canada s automotive Dr Phil says there s never been a better time to buy a new car or truck For deals on wheels 2013 will be a perfect storm There s never been a better time to buy a new car or truck thanks to a stronger Canadian dollar a worldwide recession driving prices downward and a more competitive Japanese auto industry that s still reeling from a series of natural disasters In addition to lower prices and more choices 2013 car buyers will see more generous cash rebates low financing rates bargain leases and free auto maintenance programs Buy sell or hold Which cars and trucks are wallet friendly and can easily last 15 years Which vehicles offer the most features to best accommodate senior drivers Do ethanol and hybrid fuel saving claims have more in common with Harry Potter than the Society of Automotive Engineers Is GM s 2013 Volt electric car destined to become an electric Edsel These questions and more are answered in this informative guide **Still Trudging** Sergeant Skid Row, 2022-12-09 The book Still Trudging is a follow up of the book I Trudged and is a continuation of stories describing the author s life going from a path of almost certain death to a life without complaints or regrets Changing the word trudged to trudging implies that the journey is an ongoing adventure with still much to do He describes a long process of recovery for him recovery was not a one and done event The author paints a picture of his progress through a series of short stories He ties together his personal experiences with the principles of recovery taught to him by those he met along the way **Handbook of Consumer Psychology** Curtis P. Haugtvedt, Paul M. Herr, Frank R. Kardes, 2018-12-07 This Handbook contains a unique collection of chapters written by the world s leading

researchers in the dynamic field of consumer psychology Although these researchers are housed in different academic departments ie marketing psychology advertising communications all have the common goal of attaining a better scientific understanding of cognitive affective and behavioral responses to products and services the marketing of these products and services and societal and ethical concerns associated with marketing processes Consumer psychology is a discipline at the interface of marketing advertising and psychology The research in this area focuses on fundamental psychological processes as well as on issues associated with the use of theoretical principles in applied contexts The Handbook presents state of the art research as well as providing a place for authors to put forward suggestions for future research and practice The Handbook is most appropriate for graduate level courses in marketing psychology communications consumer behavior and advertising

Pounder's Marine Diesel Engines and Gas Turbines Doug Woodyard, 2009-08-18 Since its first appearance in 1950 Pounder's Marine Diesel Engines has served seagoing engineers students of the Certificates of Competency examinations and the marine engineering industry throughout the world Each new edition has noted the changes in engine design and the influence of new technology and economic needs on the marine diesel engine Now in its ninth edition Pounder's retains the directness of approach and attention to essential detail that characterized its predecessors There are new chapters on monitoring control and HiMSEN engines as well as information on developments in electronic controlled fuel injection It is fully updated to cover new legislation including that on emissions and provides details on enhancing overall efficiency and cutting CO2 emissions After experience as a seagoing engineer with the British India Steam Navigation Company Doug Woodyard held editorial positions with the Institution of Mechanical Engineers and the Institute of Marine Engineers He subsequently edited The Motor Ship journal for eight years before becoming a freelance editor specializing in shipping shipbuilding and marine engineering He is currently technical editor of Marine Propulsion and Auxiliary Machinery a contributing editor to Speed at Sea Shipping World and Shipbuilder and a technical press consultant to Rolls Royce Commercial Marine Helps engineers to understand the latest changes to marine diesel engines Careful organisation of the new edition enables readers to access the information they require Brand new chapters focus on monitoring control systems and HiMSEN engines Over 270 high quality clearly labelled illustrations and figures to aid understanding and help engineers quickly identify what they need to know

Lemon-Aid Used Cars and Trucks
2011-2012 Phil Edmonston, 2011-04-25 As Toyota skids into an ocean of problems and uncertainty continues in the U S automotive industry Lemon Aid Used Cars and Trucks 2011/2012 shows buyers how to pick the cheapest and most reliable vehicles from the past 30 years Lemon Aid guides are unlike any other car and truck books on the market Phil Edmonston Canada's automotive Dr Phil for 40 years pulls no punches Like five books in one Lemon Aid Used Cars and Trucks is an expos of car scams and gas consumption lies a do it yourself service manual an independent guide that covers beaters lemons and collectibles an archive of secret service bulletins granting free repairs and a legal primer that even lawyers cant beat

Phil delivers the goods on free fixes for Chrysler Ford and GM engine transmission brake and paint defects lets you know about Corvette and Mustang tops that fly off gives the lowdown on Honda Hyundai and Toyota engines and transmissions and provides the latest information on computer module glitches Cemeterians Jack W. Plunkett, 2008 Franklin Jack Marla Thadius and Caitlin this unlikely group of assorted misfits are the Cemeterians a group that will take on any job no really we mean any bloody job money s a bit tight right now Trudge through disgusting sewers to battle manatee massacring mermaids and soggy cultists creep through creepy fog littered cemeteries straight out of an ancient Hammer Film soundstage confront undead lecherous lodgers and other assorted beasties creepies and ghoulies It all comes down to whether an adolescent giant Automaton a truly mad Mad Scientist a surly Necromancer a Banshee s granddaughter and a reluctant furry monster straight from under your little sister s bed can manage not to kill each other or at least quit fighting over the tele privilege schedule long enough to get the job done Not likely

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web design reconsideration a kt gusset plate gusset plates can be made into a variety of shapes and sizes and from a range of materials gusset plates are usually square or rectangular but can be triangular or made into a customized shape to fit the joint

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web may 11 2023 plywood gusset plate design is a type of design where plywood is used as a structural component and gusset plates are attached to join multiple pieces of plywood together the gusset plates are made of metal or wood and are used to reinforce and strengthen the plywood

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web nailed plywood gusset plates these trusses offered acceptable spans but demanded considerable time to build economy through effi plate manufacturer usually designs the truss on behalf of the truss fabricator the truss design is initiated by the building designer who must specify the shape and span of

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web 10 24 where is the width of the gusset plate and t_{g1} is defined as follows 10 25 view chapter truss bridges weiwei lin teruhiko yoda in bridge engineering 2017 8 4 4 design of truss members for modern truss bridges gusset plate connection not pinned connection is generally used

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web jun 3 2018 in design of gusset plates where centerline of all members attached to the gusset plate pass through one point creating a concentric joint in order to achieve better seismic behavior higher ductility and smaller gusset plates the use of eccentric gusset connections shown in figure

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web apr 15 2023 this so called whitmore effective width theory has been proven to be appropriate for the design of steel gusset plate connections in this study the validity of similar design criteria is evaluated on the failure onset of birch plywood gusset plates in the constructed glulam frames

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web oct 3 2007 design of nailed and glued plywood gussets for lumber rigid frames by curtis j o james owen publication date 1960 topics lumber wooden frame buildings publisher urbana ill university of illinois agricultural experiment station *plywood gusset plates on lumber rafters wood design and* - Dec 12 2022

web mar 29 2008 i have been asked by a manufactured housing company to design a plywood gusset plate for a rafter not a truss the rafter is 12 12 and spans 7 its a small module when designing a gusset plate for a truss you don t usually take moments into account as the members of a truss are analyzed for tension compression forces only

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web oriented strand board osb or plywood gusset plates osb plywood gusset plates are much more common when it comes to custom site built wooden trusses sizing and calculating the osb plywood gusset plate becomes easier as the values for osb and plywood can be found in the national design specification for wood construction

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web apr 7 2021 find local contractors what is a gusset a plywood gusset is meant to replace rafters in the modern roofing system they are generally the same concept support across the entire space of the roof to create structural stability rafters are fine for this purpose but they tend to be more expensive than plywood gussets why go with

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web gussets of plywood oriented strand board o s b plywood and o s b are generally interchangeable the american plywood association s apa panel design figure 1 a typical damaged joint notice the connector plate teeth have pulled out of the lumber on the right side of the joint and one web is split along the grain also note the mud on the

tutorial 2 timber truss apex with plywood gusset plates - Apr 16 2023

web the connection will be made with gusset plates of finnish birch plywood with a thickness of 12 mm the gusset plate has a clear coverage of 250 mm in the rafters and 100 mm in the post figure 1 the face grain is horizontal to the connection figure 1 members to be connected the fasteners that will be used are nails with a tensile strength

wood gusset connected trusses wgc trusses medeek forum - Apr 04 2022

web jun 28 2018 the plywood or osb thickness will be 3 8 7 16 15 32 19 32 23 32 giving this even more thought it would seem that certain gusset thicknesses and nail combinations would not be optimal if the possibility for clinching and double shear is not possible

trusses with plywood gusset plates wood design and - Jul 19 2023

web aug 3 2015 the original design is for locally fabricated trusses using 1 2 plywood gussets with 8d nails set 2 on center the first side i set the nails on a slight angle so it didn t penetrate the back side of the 2x truss material the plans called for construction adhesive on the gusset truss interface

plywood gussets theplywood com - Mar 15 2023

web may 1 2015 while it is possible to use metal plates for gussets in making homemade trusses most people use plywood not only are plywood gussets easier to work with than metal ones they can be easily customized when using metal plates for gussets you are limited to the sizes available at your lumberyard

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web aug 15 2023 a pump maintenance checklist is a tool used by pump technicians or engineers when conducting pump inspections it guides inspectors during pump inspections to help ensure that the pumps are in good working condition inspectors can use this digitized checklist to help prevent unscheduled disruptions by inspecting pumps and

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web large and extremely high vacuum pumps such as turbomolecular or ion getter gas will require completely varying maintenance treatments to their roughly and medium pump counterparts that said there are two maintenance mainstays that apply across the board dcs series operation maintenance book table out contents start up checklist

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web sep 6 2019 1 inspect the surrounding environment vacuum pumps require the right conditions to operate at their best in the worst conditions they have a greater chance of breaking down and creating a gridlock in your operations the airflow around your pump can be critical to its optimal performance

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