



Elantra

Shop Manual Volume 1

FOREWORD

This shop manual is intended for use by service technicians of authorized Hyundai dealers to help them provide efficient and correct service and maintenance on Hyundai vehicle.

To ensure customer satisfaction with Hyundai products, proper service and maintenance by Hyundai technicians is essential. Consequently, it is important that service personnel fully understand the contents of this manual, which should be kept in a handy place for quick and easy reference.

All the contents of this manual, including photographs, drawings, and specifications, are the latest available at the time of printing. As modifications affecting service occur, dealers will be provided technical service bulletins or supplementary volumes. This manual should be kept carefully up-to-date upon receipt of the new information.

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JUN. 1996, Printed in Korea

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Appendix (Electrical Troubleshooting Manual)	ETM

NOTE : Regarding the groups in small characters,
refer to VOL.2.

Hyundai Elantra 1997 Service Manual

Peter Levy



Hyundai Elantra 1997 Service Manual:

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Includes evaluations of cars trucks SUVs and minivans Illustrations **Lemon-Aid** Phil Edmonston,2005-12 New car and minivan rating guide **GM Full-size Pick-ups** John Haynes,2005-01-23 Haynes manuals are written and photographed from hands on experience gained by a complete teardown and rebuild of the specific vehicle Hundreds of photographs depict repair procedures wiring diagrams owner maintenance emissions systems and more Haynes Hyundai Elantra 1996 Thru 2001 Larry Warren, Mike Stubblefield, John Harold Haynes,2002 Our easy to use car shop manuals can save you money in maintenance and repair bills Step by step procedures and detailed illustrations guide you through every job from routine maintenance and troubleshooting all the way to complete teardown Buying parts Maintenance techniques and more Tune up and routine maintenance Engine and overhaul procedures Cooling heating and air conditioning systems Fuel and exhaust systems Engine electrical systems Emissions control systems Transmission Brakes Suspension and steering systems Body Chassis electrical system Wiring diagrams **Used Car and Truck Book** Consumer Guide,2001-03 This all new edition profiles more than 180 of the most popular models from 1990 to the present including photos descriptions specifications retail prices safety recalls trouble spots and replacement costs Features evaluations of cars trucks SUVs and minivans Plus shopping tips checklists and essential information that helps the buyer choose the right car the first time The Complete Car Cost Guide Peter Levy,1993-02 *Mergent International Manual* ,2009 *Haynes Ford Focus 2000 and 2001* Jay Storer, John Harold Haynes,2002 Inside this manual the reader will learn to do routine maintenance tune up procedures engine repair along with aspects of your car such as cooling and heating air conditioning fuel and exhaust emissions control ignition brakes suspension and steering electrical systems wiring diagrams **Hyundai Elantra Automotive Repair Manual** Larry Warren,2002 *Lemon-Aid Used Cars and Trucks 2010-2011* Phil Edmonston,2010-05-11 The automotive maven and former Member of Parliament might be the most trusted man in Canada an inverse relationship to the people he writes about The Globe and Mail Lemon Aid shows car and truck buyers how to pick the cheapest and most reliable vehicles from the past 30 years of auto production This brand new edition of the bestselling guide contains updated information on secret service bulletins that can save you money Phil describes sales and service scams lists which vehicles are factory goofs and sets out the prices you should pay As Canada s automotive Dr Phil for over 40 years Edmonston pulls no punches His Lemon Aid is more potent and provocative than ever

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web the 50 reaction turbine has been used widely and has special significance the velocity diagram of a 50 reaction is symmetrical and for the maximum utilization factor the exit velocity v_2 must be axial figure 2 40 shows a velocity diagram of a 50 reaction turbine and the effect on the utilization factor

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web $p_1 v_1 u_1 v_{12} 2 g z_1 q p_2 v_2 u_2 v_{22} 2 g z_2 w p_1 v_1 u_1 h_1$ enthalpy of steam at inlet $p_2 v_2 u_2 h_2$ enthalpy of steam at exit $h_1 v_{12} 2 g z_1 q h_2 v_{22} 2 g z_2 w$ generally changes in potential energy are negligible $z_1 z_2$ if no heat is supplied from the surroundings then $q = 0$

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