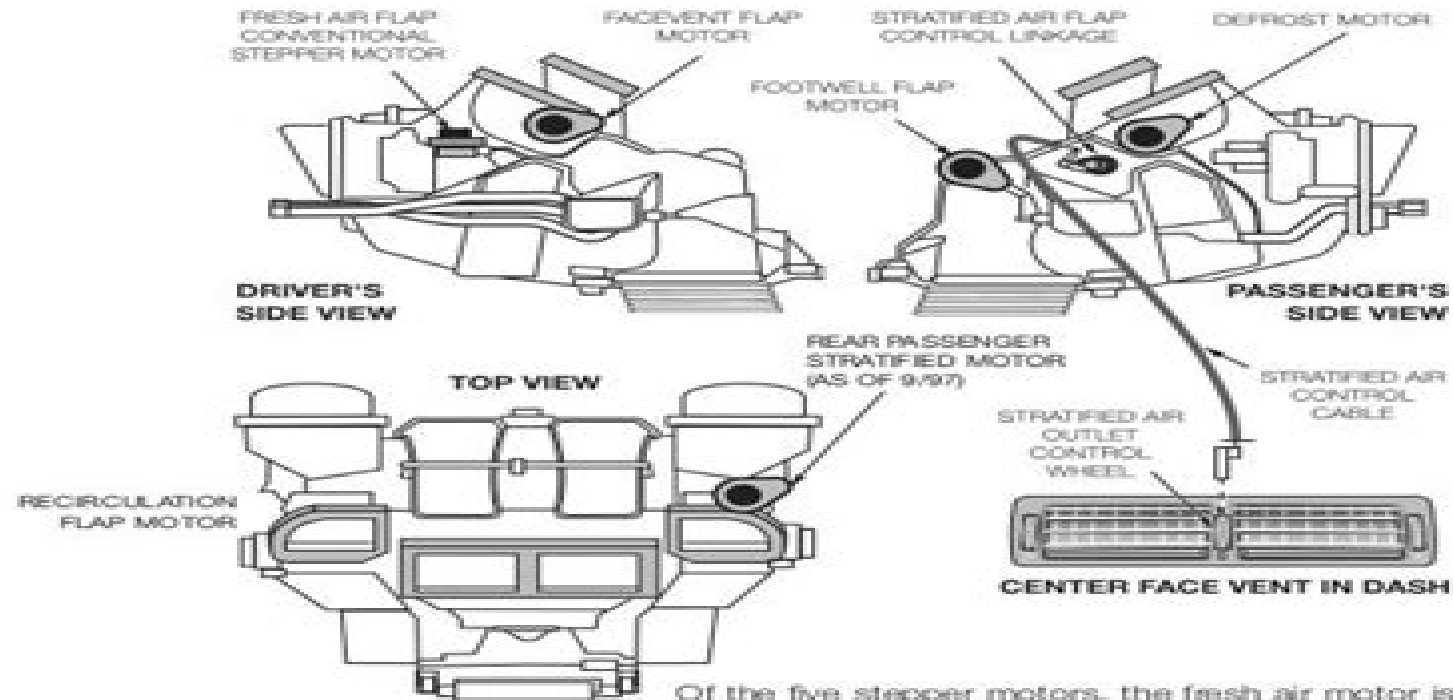


AIR DISTRIBUTION CONTROL

Air distribution on the IHKA E39 is controlled through five stepper motors and a bowden cable. The five stepper motors include:



Of the five stepper motors, the fresh air motor is operated as on the E38 system in a conventional manner. The other four are controlled through the M Bus with a micro processor on each motor.

STRATIFIED AIR

The stratified face vent function is adjusted with a bowden cable as on the E36 IHKA system. The stratified air output is only possible at the center face vents. The system operates the same as the stratification flap on the E36 - IHKA system.

The cable manipulates the stratification flap in the IHKA housing allowing cold air to flow into the face vent air ducts mixing with heated air.

Bmw Air Conditioning Manual E39

G Thomas



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BMW 5 Series Marc Cranswick,2002 A look at BMW s 5 series in the classic era Observes model changes and development from 1972 to the end of e39 5 series production Complete descriptions and pictures of BMW Motorsport cars plus the exotic tuner specials from Germany BMW s rise in business internationally is also examined **Autocar** ,2004

BMW 5 Series James Taylor,1999 In this manual motoring historian James Taylor tells the story of the design development and production of the BMW 5 Series through each generation Topics covered include the history of BMW before the 5 Series detailed model by model specifications production details and running costs M Series and touring models and advice on buying a BMW 5 Series today **Autocar & Motor** ,1993-05 **BMW E34 - The Complete Story** James Taylor,2024-10-29 The BMW E34 5 Series is considered one of the most impressive car designs to come out of the 1980s The BMW E34 5 Series became the benchmark executive saloon during its eight year production life and today enthusiasts still look back on it as one of the high points of the BMW story The E34 range made its debut in 1988 and built on BMW s growing success in the medium sized saloon class From the start its makers aimed to seize leadership of the market sector from their arch rivals at Mercedes Benz and to that end they developed a sleek sporty shape and made the car available with a range of 6 cylinder engines These included highly regarded diesel types and later there would be an entry level 4 cylinder as well BMW kept the E34 range fresh to the very end through three major eras of production The first lasted until 1990 and established the range firmly The second period from 1990 to 1992 brought Touring estate models 4 wheel drive variants and advanced new 4 valve engines Between 1992 and 1996 the third phase brought annual updates including VANOS variable valve timing and new V8 engines for the top of the range models In the BMW tradition these cars combined strong performance with excellent handling and these qualities were exploited to the hilt by the M5 variants produced by the legendary M Division Aftermarket tuning specialists made their own contributions too adding to the aura of glamour around the E34 range There were lesser known elements of the story too when BMW used the E34 range for some fascinating experiments with hybrid power systems a convertible and a dual fuel system BMW 5 Series (E39) Service Manual Bentley Publishers,2003 The ultimate service manuals Bentley manuals are the only comprehensive single source of service information and specifications available for BMW cars These manuals provide the highest level of clarity and completeness for all service and repair procedures Enthusiasts do it yourselfers and professional technicians will appreciate the quality of photographs and illustrations theory of operation and accurate step by step instructions If you are looking for better understanding of your BMW look no further than Bentley Even if you do not repair your own vehicle knowledge of its internal workings will help you when discussing repairs and maintenance with your professional automotive technician This Bentley Manual is the only comprehensive single source of service information and specifications available specifically for BMW 5 Series from 1997 to 2002 The aim throughout this manual has been simplicity clarity and completeness with practical

explanations step by step procedures and accurate specifications Whether you are a professional or a do it yourself BMW owner this manual will help you understand care for and repair your E39 5 Series Though the do it yourself BMW owner will find this manual indispensable as a source of detailed maintenance and repair information the BMW owner who has no intention of working on his or her car will find that reading and owning this manual will make it possible to discuss repairs more intelligently with a professional technician **Chilton's Auto Air Conditioning Manual** Chilton Book Company. Automotive Editorial Department,1974 American cars from 1966 to 1973 **BMW 5 Series 2 Vol (E39 Service Manual: 1997, 1998, 1999, 2000, 2001, 2002, 2003: 525i, 528i, 530i, 540i, Sedan, Sport Wagon** Bentley Publishers,2011-02 The BMW 5 Series E39 Service Manual 1997 2003 is a comprehensive source of service information and specifications for BMW 5 Series models from 1997 to 2003 The aim throughout this manual has been simplicity clarity and completeness with practical explanations step by step procedures and accurate specifications Whether you are a professional or a do it yourself BMW owner this manual will help you understand care for and repair your E39 5 Series Engines covered 6 cylinder engines M52 M52 TU M54 V 8 engines M62 M62 TU Fuel injection systems covered Bosch M 5 2 M 5 2 1 ME 7 2 Siemens MS 41 0 MS 42 0 MS 43 0 Manual transmissions covered Getrag S5D 250G S6S 420G ZF S5D 320Z Automatic transmissions covered A4S 270R A4S 310R A5S 360R A5S 390R A5S 325Z A5S 560Z A5S 440Z **Chilton's Motor/age Professional Auto Heating and Air Conditioning Manual** ,2013 **Auto Air-conditioning Service Manual** Draef Tool Co., Inc,1973 **Modern Automotive HVAC Systems** Paul DeGuiseppe,2011-07-10 The Haynes Automotive Heating & Air-conditioning Systems Manual Mike Stubblefield,John Harold Haynes,1989 *Chilton's Auto Air Conditioning Manual* ,19?? Auto Air-conditioning Service Manual ,1973 **Service Manual, Heating, Air Conditioning, Automatic Climate Control, Model 123** Mercedes-Benz of North America,1988 **Air Conditioning Service Manual** Mitchell Manuals, inc,196? The Haynes Automotive Heating & Air Conditioning Systems Manual Mike Stubblefield,John Harold Haynes,2000 Written for the do it yourselfer good enough for the pro Includes everything you wish to know about your vehicles heating and air conditioning From simple adjustments to complete tune ups and troubleshooting *Auto Air-conditioning Service Manual* Draef Tool Company,1976 Automotive Air Conditioning Mitchell Manuals, inc,1975 **SAM RSES Automotive Air Conditioning Manual** Mitchell Manuals, inc,Refrigeration Service Engineers Society,1977

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