

Volvo V40 User Manual

Geartronic is offered on Volvo vehicles with engine displacements of 2.0 liters or greater. Geartronic transmissions are manufactured in Japan by Aisin AW. They require the use of automatic transmission fluid that meets the JWS 3309 specification. The MY2011 6-speed requires AW1. 2a135097c1 Control is based on sensor information from on-board sensors. Such systems may use a radar, laser sensor or a camera setup allowing the vehicle to brake when it detects the car is approaching another vehicle ahead, then accelerate when traffic allows it to. 2a135097c1

Volvo Modular engine 8i SE 1999–2004 Volvo V40 badged as V40 1. All engines feature an aluminium engine block and aluminium cylinder head, forged steel connecting rods, aluminium pistons and double overhead camshafts. 8i or V40 1. Applications: 1999–2004 Volvo S40 badged as S40 1. 8 also came with a The Volvo Modular Engine is a family of straight-four, straight-five, and straight-six automobile piston engines that was produced by Volvo Cars in Skövde, Sweden from 1990 until 2016. 8i SE The S40 V40 1. 8i or S40 1 2a135097c1

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ACC technology is regarded as a key component of future generations of intelligent cars. The technology enhances passenger safety and convenience as well as increasing road capacity by maintaining optimal separation between... 2a135097c1 The C30's rear styling and frameless glass rear hatch recall Volvo's earlier P1800 ES and Volvo 480. 2a135097c1

Volvo XC40 1 and 40. Forbes. John McIlroy (18 May 2016). It was unveiled on 21 September 2017 as the smallest SUV model from Volvo, below the XC60. Show". 2 concept cars". Orders started in September 2017, and manufacturing began in November 2017. "New Volvo V40, S40 and XC40 previewed by 40. Retrieved 11 April 2018. autoexpress The Volvo XC40 is a subcompact luxury crossover SUV (C-segment) manufactured by Volvo Cars. www 2a135097c1

Volvo C30 Powered by inline-four and straight-five engines, the C30 is a variant of the Volvo S40/V50/C70 range, sharing the same Ford C1/Volvo P1 platform. Volvo marketed the C30 as a premium hatchback / sports coupe. The Volvo C30 is a three-door, front-engine, front-wheel-drive premium compact hatchback manufactured and marketed by Volvo Cars from 2006 to 2013, in The Volvo C30 is a three-door, front-engine, front-wheel-drive premium compact hatchback manufactured and marketed by Volvo Cars from 2006 to 2013, in a single generation 2a135097c1

Adaptive cruise control p. Retrieved 2 December Adaptive cruise control (ACC) is a type of advanced driver-assistance system for road vehicles that automatically adjusts the vehicle speed to maintain a safe distance from vehicles ahead. As of 2019, it is also called by 20 unique names that describe that basic functionality. "2016 Acura ILX Owner's Manual" (PDF). 54. Archived from the original (PDF) on 18 January 2016. 2011. "2017 RDX User Manual" (PDF). This is also known as Dynamic cruise control 2a135097c1

The XC40... 2a135097c1

Collision avoidance system In its basic form, a forward collision warning system monitors a vehicle's speed, the speed of the vehicle in front of it, and the distance between the vehicles, so that it can provide a warning to the driver if the vehicles get too close, potentially helping to avoid a crash. GPS sensors can detect fixed dangers such as approaching stop signs through a location database. Pedestrian. In some models of Volvos, the automatic braking system can be manually turned off. The V40 also included the first pedestrian airbag A collision avoidance system (CAS), also known as a pre-crash system, forward collision warning system (FCW), or collision mitigation system, is an advanced driver-assistance system designed to prevent or reduce the severity of a collision. Various technologies and sensors that are used include radar (all-weather) and sometimes laser (LIDAR) and cameras (employing image recognition) to detect an imminent crash. pedestrian impacts 2a135097c1

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Airbag It consists of an airbag cushion, a flexible fabric bag, an inflation module, and an impact sensor. The purpose of the airbag is to provide a vehicle occupant with soft cushioning and restraint during a collision. As a result, the V40 ranked highest (88%) in the EuroNCAP's An airbag or supplemental inflatable restraint is a vehicle occupant-restraint system using a bag

designed to inflate in milliseconds during a collision and then deflate afterwards. pedestrian. When introduced in 2012 the Volvo V40 included the world's first pedestrian airbag as standard. It can reduce injuries between the flailing occupant and the vehicle's interior

The airbag provides an energy-absorbing surface between the vehicle's occupants and a steering wheel, instrument panel, body pillar, headliner, and windshield. Modern vehicles may contain up to ten airbag modules in various configurations, including driver, passenger, side-curtain, seat-mounted, door-mounted, B- and C-pillar... Along with conventional petrol and diesel engines, a plug-in hybrid model was introduced in 2019, and a fully electric model was released in 2020. Both the plug-in hybrid and the electric versions were marketed as the XC40 Recharge. In 2024, Volvo renamed the battery electric XC40 to the Volvo EX40, aligning it with newer battery electric models such as the EX30 and the EX90.

Volvo Cars The company manufactures SUVs, station wagons, and sedans. Released in 1995 Volvo S40 Volvo V40 Released in Volvo Car AB, trading as Volvo Cars (Swedish: Volvo personvagnar, styled VOLVO in the company's logo) is a Swedish multinational manufacturer of luxury vehicles. Volvo is headquartered in Torslanda, Gothenburg. The company's main marketing revolves around safety and its Swedish heritage and design

A coupe version of the battery electric model with a sloping rear roof was released in 2021 as the C40 Recharge. It was renamed to the Volvo EC40 since 2024. Volvo Cars has been separate from its former parent conglomerate and producer of heavy trucks, buses, and construction equipment (among others) AB Volvo since 1999 when AB Volvo sold its automobile division Volvo Cars to Ford Motor Company for US\$6.47 billion. On 28 March 2010, Ford sold Volvo Cars at a loss to Geely Holding for \$1.8 billion; the deal closed in August 2010. Volvo Cars was publicly listed on the Nasdaq Stockholm stock exchange...

Geartronic AW1. Volvo C30 Volvo S40 Volvo V40 Volvo V50 Volvo V60 Volvo S60 Volvo C70 Volvo V70 Volvo S80 Volvo S90 Volvo XC40 Volvo XC60 Volvo XC70 Volvo XC90 v Geartronic is Volvo Cars' name for its manumatic transmission, similar to Porsche's Tiptronic. The microprocessor automatically shifts to the next gear if a user in manual mode red lines the engine. It is available in 4-, 5-, 6-, and 8-speed models, and is controlled by a microprocessor. The gear stick can also be used just like any other automatic gearbox, where the transmission will shift automatically. Manual shifting is allowed with the gear stick in the manual mode

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