

Saturn Vue 2002 Manual

Getrag F23 transmission Applications 2002–2007 Saturn Vue On 28 January 2002, General Motors released a Technical Service Bulletin (TSB The F23 is a five-speed manual transmission manufactured by Getrag in Italy. It can handle torque inputs of over 230 newton-metres (170 lbf·ft). It is designed for transverse engine applications, primarily by General Motors. maximum GVWR of 2,030 kilograms (4,475 lb) 35a5a78a90

Vue production in North America ended as GM discontinued the Saturn brand as part of the 2009 General Motors Chapter 11 reorganization. 35a5a78a90 The actual model codes are AW55-50SN and AW55-51SN. Manufacturers have sometimes chosen own designations such as AF23, AF33 or AF33-5 (GM), RE5F22A (Nissan and Infiniti) or SU1 (Renault). Other manufacturers use the original designation(s) or minor variations of it such as AW55-50 LE (Volvo), AW 55-51 LE (Opel)FA57 (Saab), and U660E/U661E/U661F/U760E/U760F (Toyota). 35a5a78a90

Saturn Vue It was the first vehicle to use the GM Theta The Saturn Vue is a compact SUV that was built and marketed by Saturn, and it was Saturn's best-selling model. The Saturn Vue is a compact SUV that was built and marketed by Saturn, and it was Saturn's best-selling model. It was the first vehicle to use the GM Theta platform when it was introduced in 2001 for the 2002 model year. The Vue was facelifted for the 2006 model year. A second generation model was launched in 2007 for the 2008 model year as a rebadged Opel Antara 35a5a78a90

General Motors Theta platform The architecture debuted in 2002 with the Saturn Vue and was later used for the Chevrolet Equinox and Captiva and similar models. The architecture debuted in 2002 with the Saturn Vue and was later used for the Chevrolet Equinox and Captiva and similar Theta is General Motors' automobile platform for compact/mid-size crossover SUVs. for compact/mid-size crossover SUVs 35a5a78a90

Chevrolet Tracker (Americas) and Canada, even though the Vue and Captiva are both built in Mexico) in the summer The Chevrolet Tracker, formerly the Geo Tracker, is a mini SUV produced for Chevrolet and Geo by CAMI Automotive in Ingersoll, Ontario. The Tracker was produced under many brands in several different editions and in many countries. S. the already introduced Chevrolet Captiva Sport (Saturn Vue in the U 35a5a78a90

Saturn marketed itself as a "different kind of car company" and operated quasi-independently from its parent company,—comprehensively introducing a new car, dealer network, pricing structure, workforce and independently managed manufacturing plant in Spring Hill, Tennessee. The first cars themselves launched five years after the company's inception, and they advanced GM's spaceframe construction—manifesting Saturn's market... 35a5a78a90 While there is much variation within each type, in a very general sense there are two types of motor vehicle transmissions: 35a5a78a90 The company had three joint ventures: Getrag Ford Transmissions headquartered in Cologne with Ford Motor Company, Getrag (Jiangxi) Transmission Co. Ltd. with Jiangling Motors Corporation... 35a5a78a90 In the United Kingdom, the car was sold as the Vauxhall Antara; in Australasia, the car was badged as the Holden Captiva 5/Captiva MaXX; and in the United States and Canada, it had been sold as the Saturn Vue. The Antara was marketed as the GMC Terrain in the Middle East, Daewoo Winstorm MaXX in South Korea, and as the Chevrolet Captiva Sport in the Americas except Chile... 35a5a78a90

List of GM transmissions Two-mode hybrid transmission (RWD) 2MT70 Two-mode hybrid transaxle (FWD, Saturn Vue Hybrid) 4ET50 (MKA) - Voltec Electric Drive Unit Transaxle (Chevrolet - General Motors (GM) is an American car designing and manufacturing company. GM transmissions are used in passenger cars and SUVs, or in light commercial vehicles such as vans and light trucks. It manufactures its own automobile transmissions and only occasionally purchases transmissions from outside suppliers as needed 35a5a78a90

GM Ecotec engine This engine family replaced the GM Family II engine, the GM 122 engine, the Saab H engine, and the Quad 4 engine. 5 litres. and catalytic converter. It is manufactured in multiple locations, to include Spring Hill Manufacturing, in Spring Hill, Tennessee, with engine blocks and cylinder heads cast at Saginaw Metal Casting Operations in Saginaw, Michigan. The Malibu and Saturn versions also use return-less fuel injection. 2 and 2. Confusingly, the Ecotec name was also applied to both the Buick V6 Engine when used in Holden Vehicles, as well as the final DOHC derivatives of the previous GM Family II engine; the architecture was substantially re-engineered for this new Ecotec application produced since 2000. The 2002 Saturn VUE was the first North American variant of The GM Ecotec engine, also known by its codename L850, is a family of inline-four engines, displacing between 1 35a5a78a90

Headquartered in Untergruppenbach, Baden-Württemberg, Germany, Getrag manufactured and developed passenger car transmission products and solutions for the important automotive markets Europe, Asia, and North America with 24 locations and about 12,500 employees worldwide. In 2011, the company had a turnover of three billion euros. 35a5a78a90

Getrag The company was founded on 1 May 1935, in Ludwigsburg, Germany, by Hermann Hagenmeyer; as the Getriebe und Zahnradfabrik Hermann Hagenmeyer GmbH & Cie KG. Chevrolet Vectra, Chevrolet Astra, Chevrolet Cobalt, Chevrolet HHR, Saturn Vue, Saturn Ion, Opel Corsa, Opel Meriva, Opel Combo, Opel Astra, Opel Vectra Getrag (German: [gə'tʁa:k]), stylized as GETRAG, was a major supplier of transmission systems for passenger cars and commercial vehicles 35a5a78a90

Manual – The driver performs each gear change by operating a gear shift lever combined with a manually operated clutch. 35a5a78a90
The F23 has one roll pin, two gearsets on each of three parallel shafts – the input shaft, the output shaft, and the intermediate shaft. This three-shaft (also called three-axis) design results in a very short axial length for better packaging. There are three separate shift fork shafts, which hold three shift forks to activate the synchronizer rings for the two gearsets on each of the three gear shafts. The shift forks are activated by a cable system. The clutch release bearing is operated by a concentric slave cylinder that surrounds the input shaft in the clutch housing... 35a5a78a90

Aisin AF33 transmission 2003–2007 Saab 9-3 2002–2009 Saab 9-5 Saturn 2002–2003 Saturn Vue 2003–2004 Saturn Ion (GM code M43) Lancia 2002–2008 Lancia Thesis Nissan 2004–2006 Nissan The Aisin AW AF33 is a 5-speed automatic transaxle developed and manufactured in Anjo, Japan by Aisin AW, a division of Aisin. It is designed to be used in transverse engine configurations in both FWD and AWD configurations 35a5a78a90

Automatic – Once the driver place a gear range selector in its automatic position, usually "Drive" or "D," the transmission selects gear ratios based on many factors, including engine speed, vehicle speed, engine load, accelerator position... 35a5a78a90

Saturn Corporation The company was an attempt by GM to compete directly with Japanese imports and transplants, initially in the American compact car market. (2000) Saturn SCX (2001) Saturn LST (2001) Saturn Vue Urban Expression (2001) Saturn Vue Outdoor Expression (2001) Saturn SC2 Concept (2002) Saturn Sky Concept The Saturn Corporation, also known as Saturn LLC, was an American automobile manufacturer, a registered trademark established on January 7, 1985, as a subsidiary of General Motors. The company was known for its "no-haggle" sales technique 35a5a78a90

Opel Antara Unlike the Captiva, it is only offered with five seats instead of seven, and features a different exterior and interior design. Based on the Theta platform, the Antara closely shared its underpinnings and powertrains with the Chevrolet Captiva. Sales commenced in November 2006, as the indirect successor to the Isuzu-based Frontera range. 5/Captiva MaXX; and in the United States and Canada, it had been sold as the Saturn Vue. The Antara was marketed as the GMC Terrain in the Middle East, Daewoo The Opel Antara is a compact crossover SUV which was marketed by Opel from 2006 to 2015 35a5a78a90

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