

ОБЩИЕ СВЕДЕНИЯ ОБ АВТОМОБИЛЕ

1.1. ОПИСАНИЕ КОНСТРУКЦИИ

В данной книге рассмотрены особенности устройств, эксплуатации, диагностики неисправностей, технического обслуживания и ремонта автомобилей Opel Astra и Zafira, оснащенных бензиновыми двигателями объемом 1,4, 1,6 и 1,8 литра.

Основное внимание уделено регулированию техническому обслуживанию, выявлению и устранению неисправностей неисправностей и узлу за различными инструментами автомобилей.

Автомобили Opel Astra второго поколения (Astra G) начались появляться в продаже в 1998 году. Он стал первым представителем компании Opel в наиболее динамичном и привлекательном сегменте С рынка легковых автомобилей (по европейской классификации). Автомобили, представляющие с четырьмя типами кузовов: трех- и пятидверный хэтчбек, седан и универсал (Opel Astra Седан). Позже были представлены Astra с кузовами купе и кабриолет, но они имели весьма существенные отличия от базовой модели.

Автомобили имели переднеприводную компоновку с поперечным расположением двигателя, переднему полному приводу и полузависимую полусосную подвеску колес, рулевым механизмом типа шестерни-роликов, тормозную систему с дисковыми тормозами колесами и ABS (на части автомобиля). Конструкция автомобиля выполнена достаточно традиционно для этого класса, поэтому ждать от него комфорта, либо яркого вида в части внешности и дизайна нечего, это привычные электронные для создания давления в системе гидроусилителя рулевого управления. Это позволяет не отвлекаться от работы двигателя без необходимости, например при движении по асфальт, и также сократить количество трубопроводов, установленных электронного блоков неподалеку от рулевой рейки. При этом следует заметить, что расположение блока гидроусилителя на рулевой рейке освобождает контроллер и в случае необходимости корректировки уровня давления в системе.

Большое количество вариантов кузовов, двигателей и дополнительного оборудования предоставляет покупателю широкие возможности для выбора в соответствии с его потребностями и финансовым положе-

нием. Однако подобное многообразие и совокупность с постоянной модернизацией фирмой Opel выпускаемых автомобилей вызывает определенные сложности в ремонте и покупке запасных частей. К сожалению, Astra не входит в число самых надежных автомобилей, особенно с увеличением пробега, но с учетом ее более низкой стоимости, чем у конкурентов, неплохой ремонтопригодности и доступности большинства запасных частей ее можно назвать весьма разумным выбором.

В 1999 году на платформе Astra G был создан одновременно Opel Zafira первого поколения (Zafira A). Надежность общей платформы обеспечила изначальность колесной и агрегатной частей этого автомобиля. Zafira соединяется, и первую очередь, как семейный автомобиль, и в этом качестве у нее не так уж, и много конкурентов. При скромных внешних габаритах она может вместить до семи пассажиров. Сиденья третьего ряда сделаны складными. Однако стоит заметить, что при расположении обеих складных третьего ряда места для багажа практически не останется. Но впечатление по поводу широтности и недороговизны модели Astra можно смело отнести и к модели Zafira с учетом того, что выбор в классе полноразмерных автомобилей гораздо более ограничен.

Кроме того, рассматриваемые автомобили выпускаются и под другими марками и наименованиями для рынков различных стран, некоторые из которых можно встретить и в России. Традиционно большинство автомобилей Opel с поперечным расположением гидроусилителя носят марку VectraB и производится в Англии, наименование соответствует аналогичным моделям марки Opel. При этом на некотором расстоянии расположены организации, связанные с этим независимыми производителями автомобилей, поэтому иногда рассматриваемые для рынка Японии выпускаются автомобили Suzuki Travix. Этот автомобиль полностью аналогичен модели VectraB Zafira, но оснащается только самым мощным двигателем объемом 2,2 литра. Некоторое время назад СП «GM АвтоВАЗ» выпустило для России автомобили Chevrolet Vectra, представляющие собой не что иное, как Opel Astra с кузовом седан, оснащенные двигателем 1,8 литра.

1.2. ГАБАРИТНЫЕ РАЗМЕРЫ АВТОМОБИЛЯ

Таблица 1.1

Параметры	Astra			Zafira
	Хэтчбек (3- и 5-дверный)	Седан	Универсал	
Длина	4 110	4 250	4 290	4 315
Ширина		1 710		1 740
Высота	1 420		1 310	1 630
Колесная база		2 610		2 690
Колеса передних колес		1 455		
Колеса задних колес		1 460		

Opel Astra Cde 00 Owners Manual

Arthur James Wells

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The British National Bibliography Arthur James Wells,1968 Autocar ,2001 **The Autocar** ,1988-06
Cambridge International AS and A Level Computing Revision Guide Tony Piper,2013-12-02 Provides guidance on tackling the different types of examination questions **British Books in Print** ,1979 **Autocar & Motor** ,1994 **The Mirror** Margaret Safo (Mrs.),2005-12-31 Motor Industry Management ,2001-02 **Motor Cycling and Motoring** ,1987 **Finance Week** ,2000-11 Automotive Engineering International ,2000-07 Drum ,2008-08 **Automotive News** , **Car and Driver** ,1984 Auto moto ,1991 **Opel Astra** Steve Rendle,1996 **German books in print** ,2002 Boekblad ,1993-10 Opel Astra and Zafira (Swedish) Service and Repair Manual Haynes,2014-11-27 This is one in a series of manuals for car or motorcycle owners Each book provides information on routine maintenance and servicing with tasks described and photographed in a step by step sequence so that even a novice can do the work Opel Astra Steve Rendle,1996

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