

2011 subaru legacy exhaust diagram

2011 Subaru Legacy Exhaust Diagram: A Comprehensive Guide

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Publisher: Mechanic's Hub, a leading online resource for automotive repair information, providing accurate and reliable DIY guides and professional advice.

Editor: Sarah Miller, experienced automotive journalist with 10 years of experience in technical writing and editing.

Summary: This guide provides a detailed understanding of the 2011 Subaru Legacy exhaust system using diagrams. It covers the system's components, their functions, common issues, troubleshooting steps, and best practices for repair and maintenance. The guide emphasizes safety precautions and highlights common pitfalls to avoid during any work on the exhaust system.

Keywords: 2011 Subaru Legacy exhaust diagram, Subaru Legacy exhaust system, 2011 Subaru Legacy exhaust repair, exhaust manifold, catalytic converter, muffler, exhaust pipe, Subaru exhaust diagram, DIY exhaust repair, Subaru maintenance.

Understanding the 2011 Subaru Legacy Exhaust Diagram

The exhaust system of your 2011 Subaru Legacy plays a vital role in removing harmful gases from the engine and reducing noise pollution. A clear understanding of the 2011 Subaru Legacy exhaust diagram is essential for both routine maintenance and troubleshooting potential issues. This diagram typically illustrates the following components:

1. Exhaust Manifold:

Located at the engine's head, the exhaust manifold collects exhaust gases from each cylinder and directs them into the rest of the system. A cracked or leaking manifold can lead to reduced engine performance and a loud exhaust noise. The 2011 Subaru Legacy exhaust diagram will clearly show its position relative to the engine.

2. Catalytic Converter:

This crucial component converts harmful gases like carbon monoxide and nitrogen oxides into less harmful substances. A malfunctioning catalytic converter can cause poor engine performance, increased emissions, and a check engine light. The 2011 Subaru Legacy exhaust diagram will

identify its location in the exhaust system's path.

3. Exhaust Pipes:

These pipes connect the different components of the exhaust system, carrying the gases from the manifold to the muffler. Corrosion and damage to the exhaust pipes are common, especially in areas with harsh weather conditions. The 2011 Subaru Legacy exhaust diagram will provide a visual representation of their routing and connections.

4. Resonator (if equipped):

Some 2011 Subaru Legacy models have a resonator which helps to reduce noise and improve the exhaust tone. Its location is clearly marked on a comprehensive 2011 Subaru Legacy exhaust diagram.

5. Muffler:

The muffler is responsible for silencing the exhaust gases before they exit the vehicle. A damaged or rusted muffler will produce a louder exhaust note. The 2011 Subaru Legacy exhaust diagram will clearly show its position and connection to the exhaust pipes and tailpipe.

6. Tailpipe:

This is the final component of the exhaust system, channeling exhaust gases to the rear of the vehicle.

Common Pitfalls and Best Practices when Working with the 2011 Subaru Legacy Exhaust System

Working on the exhaust system requires caution. Here are some common pitfalls to avoid:

Improper jacking and support: Always use jack stands and secure the vehicle properly to prevent injury.

Ignoring safety precautions: Wear appropriate safety gear, including gloves, eye protection, and a respirator.

Incorrect tightening of bolts and clamps: Over-tightening can damage components, while under-tightening can lead to leaks.

Damage to exhaust components during removal/installation: Handle exhaust components carefully to avoid dents or scratches.

Improper welding techniques: If welding is required, ensure you have the proper skills and equipment.

Best practices include consulting a reliable 2011 Subaru Legacy exhaust diagram, using the right

tools, and taking your time to perform the repair or replacement correctly. If unsure, seek professional help from a qualified mechanic.

Troubleshooting Common Exhaust System Problems

Using your 2011 Subaru Legacy exhaust diagram can help diagnose problems like exhaust leaks (often identified by a rumbling sound or a strong smell of exhaust fumes inside the car), rattling noises (possibly due to loose components), and decreased engine performance (potentially indicating a clogged catalytic converter). Regular visual inspections and addressing small issues promptly can prevent more significant problems.

Conclusion

Understanding the 2011 Subaru Legacy exhaust diagram is vital for maintaining the vehicle's performance, safety, and longevity. By following best practices and avoiding common pitfalls, you can perform basic maintenance or even minor repairs confidently. Remember, safety should always be your top priority, and seeking professional help when needed is always advisable.

FAQs

1. Where can I find a 2011 Subaru Legacy exhaust diagram? You can find diagrams in your owner's manual, online repair manuals (like those from Haynes or Chilton), or through online parts retailers.
1. Can I replace the exhaust system myself? Yes, but it requires mechanical skills and the right tools. Consult a 2011 Subaru Legacy exhaust diagram and follow safety precautions.
1. How often should I inspect my exhaust system? Regular visual inspections during routine maintenance are recommended, looking for signs of rust, damage, or leaks.
1. What are the signs of a bad catalytic converter? Reduced engine performance, a check engine light, and a strong smell of rotten eggs are common indicators.
1. How much does it cost to replace the exhaust system? Costs vary widely depending on the parts and labor.

1. Can I use aftermarket exhaust parts on my 2011 Subaru Legacy? Yes, many aftermarket options exist, but ensure they meet emission standards.
1. What type of tools do I need to work on the exhaust system? You'll need wrenches, sockets, a jack, jack stands, and possibly a welder (depending on the repair).
1. How do I identify the correct parts for my 2011 Subaru Legacy? Use your VIN number to ensure compatibility when ordering parts.
1. What should I do if I suspect a major exhaust problem? Take your vehicle to a qualified mechanic for diagnosis and repair.

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This Service Bulletin will replace Bulletin numbers 11-100-11R, 11-122-12, 11-124-12R and 11-125-12. Read this Bulletin completely before starting any repairs as service procedures have ...

[ECU Pinouts BC5 BG5a WRX \(4 plug\).xls - xcceleration.com](#)

N.B. ECU pins are identified by looking at the ECU pins (not the plugs that connect to them) and holding the tab at the top i.e. where the label is shown in the above tables. These are sensor ...

Printed in USA 09/10 MSA5M1101W Issued August 2010

This warranty applies to your 2011 SUBARU Legacy/Outback/Forester PZEV certified (2.5L non-turbo) vehicles only if it fails to pass a California "Smog Check" test or equivalent.

2001 LEGACY SERVICE MANUAL QUICK REFERENCE INDEX ...

2001 LEGACY SERVICE MANUAL QUICK REFERENCE INDEX SUPPLEMENT FOR 6 CYLINDER ENGINE MODEL. This service manual has been prepared to provide SUBARU ...

Subaru Service and Technical Support Line Newsletter

SUBARU SERVICE TECHTIPS NEWSLETTER LOCATOR INDEX UPDATED THROUGH SEPTEMBER,

2019

IxI_Legacy_Fog_Light_Kit_H451SAL000.xlsx - Subaru

1. Read all instructions before proceeding with installation. If uncomfortable performing any procedures, such as lamp aiming in final step, have installation performed by a Subaru dealer ...

WIRING SYSTEM 21.Headlight System - Subaru Outback Forums

21.Headlight System A: WIRING DIAGRAM MB-32 M/B FUSE NO. 15 (B) B360 THROUGH JOINT CONNECTOR

inhbitor switch - Subaru Outback Forums

When the driving condition or starter motor operation is erroneous, first check the shift linkage for im-proper operation. If the shift linkage is functioning properly, check the inhibitor switch. ...

THE ALL-NEW SUBARU FB ENGINE - Subaru Forester Owners ...

Dec 3, 2013 · the all-new subaru fb engine as noted in the last issue of drive, 2011 forester non-turbocharged models are powered by four-cylinder subaru fb engines. the fb is the first ...

WIRING SYSTEM 38.Power Window System - Subaru Outback ...

a: wiring diagram 1. with driver's seat auto-reverse function auto down auto up 1b 1b 1b 1c 1d wi-46717 1a 1a i101 d8 4 i101 d8 b220 c d3 a: d7 b: d102 a b e d 13 12 7 b/w p b1 b3 a5 a10 a4 b2 ...

HVAC SYSTEM (AUTO A/C) (DIAGNOSTICS) AC

AC-3 HVAC SYSTEM (AUTO A/C) (DIAGNOSTICS) GENERAL DESCRIPTION 2. General Description A: CAUTION 1) Never connect the battery in reverse polarity. • The Auto A/C ...

SERVICE BULLETIN - Subaru Outback Forums

%PDF-1.4 %âãÏÓ 372 0 obj > endobj xref 372 46 0000000016 00000 n 0000001730 00000 n 0000001877 00000 n 0000002374 00000 n 0000002864 00000 n 0000003335 00000 n ...

Battery Holder Installation and Instruction Manual - Subaru

Caution * Tightening torque: 3.5 □0.5 N• m (0.35 kg f· m) * Tightening torque: 5.0 □0.5 N•m (0.5 kg f·m) (4) Place the battery holder onto the center of the battery. Set the washers first and ...

Transfer Clutch System Diagnostics Consolidated

Legacy, Justy, Loyale, Outback, Forester, Subaru SVX, WRX, WRX STI, Baja, Tribeca, BRZ, XV Crosstrek and “Quality Driven” are Registered Trademarks. ISO 14001 is the international ...

Subarunet Announcement To: All Subaru Retailers From: ...

To: All Subaru Retailers From: Subaru of America, Inc. Date: November 1, 2022 Title: Exhaust Pipe (Front) Warranty Extension, (WI22-013) As part of Subaru’s dedication to customer ...

How to bleed Subaru Power Steering systems. - Strong for ...

How to bleed Subaru Power Steering systems. 1. Do NOT start the engine until the system is fully bled, doing so may cause damage to the power steering components. Pump internals are ...

Technician Reference Booklet - submariner

2001-2009 model year Legacy. The design idea for this engine was to create a power plant that could utilize the current body style, provide more power and decreased exhaust emissions. ...

MODEL OVERVIEW 2012 IMPREZA - Subaru Canada

4 26 | 9 | 2011 Prod di d o iorio i i o iio d r o io oi or irri oiio. 2011 Sr Cd I. Sport Package: Available on 2.0i 17-inch aluminum alloy wheels with Yokohama® Avid S34 All-Season tires ...

Power Seat System - Subaru Outback Forums

WI-119 Power Seat System WIRING SYSTEM 16. Power Seat System A: WIRING DIAGRAM
WI-13224 2 POWER WINDOW CIRCUIT BREAKER B41 BW MB-30 SBF-4 (B) TO POWER ...

ATTENTION: GENERAL MANAGER PARTS MANAGER Initial in ...

APPLICABILITY : 2013-14MY Legacy and Outback Models with 2.5L FB Engines 2011-14MY Forester Models with 2.5L FB Engines 2015 MY Forester (Manual Transmissions Only) with ...

Subaru EP4 Push Start RES IxI - 4281057_ENG_Rev - Subaru ...

SUBARU OF AMERICA 7 PANEL RE-ASSEMBLY 1. Re-connect the glove box lamp connector to the lamp on the glove box inner cover. Re-install the glove box inner cover by engaging the six ...

Automatic Transmission Fluid Application Guide - Subaru ...

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017
2018 2019 2020 2021 2022 2023 2024 2025 12.6 qts. 13.1 qts

6. Cylinder Head - Subaru Forester Owners Forum

1. INTAKE AND EXHAUST VALVE 1) Inspect the flange and stem of valve, and replace if damaged, worn, or deformed, or if $\frac{H}{H_0}$ is less than the specified limit. H: Intake Standard 1.0 ...

2013 Legacy/Outback

Legacy/Outback Owner Manual 2013 Legacy/Outback Subaru of America, Inc., Subaru Plaza, P.O. Box 6000, Cherry Hill, NJ 08034-6000 ... All SUBARU vehicles distributed by Subaru of ...

ENGINES OE reference 1.5 i, 2.0 (i, R, X, XS, STi, XT), See below

SUBARU: Forester (I, II, II FL, III), Legacy (IV, V), Impreza (G11, FL G11, GR/GV), ENGINES 1.5 i, 2.0 (i, R, X, XS, STi, XT), OE reference See below BELT WITH TEETH 281 teeth OE: ...

HOW TO USE THIS INSTALL GUIDE - Subaru Outback Forums

%PDF-1.7 %     702 0 obj > endobj 715 0 obj

>/Filter/FlateDecode/ID[934FA9362C654A8EA89F129F9436F204>]/Index[702 141]/Info 701 0 ...

REPLACEMENT KIT INSTALLATION INSTRUCTIONS - Subaru

SUBARU OF AMERICA 3 FOB PROGRAMMING (PUSH START MODELS) 1. Open the driver's door and enter the vehicle. The driver's door must remain open throughout the entire ...

SERVICE BULLETIN - National Highway Traffic Safety ...

Note: Refer to the April 2011 issue of TIPS for more information on Fluid Leak Detection. If oil seepage is verified coming from the 6mm threaded hole in the left-hand camshaft cap, install ...

WIRING SYSTEM 37.Power Window System - Subaru Forester ...

wi-131 power window system wiring system wi-12299 p/w-03 p/w-03 (green) rear power window motor lh rear power window sub-switch lh power window main switch

Timing Chain Installation Repair Manual Clarification

The Exhaust controller Triangle Mark will face 180° opposite of the Intake controller Triangle Mark. Tech Tip S -TT 0080 14 July 19, 2016 Subject Market Timing Chain Installation Repair ...

Year/Model Interchange List -- All Makes -- Cars and ...

Subaru BRZ 2d 101.2 u r 2013 2013 New 007710 2012 All Cars and Trucks, Import and Domestic Makes Acura MDX SW 108.3 u 4 2007 2012 006730 ... Durango SUV 114.8 u r, 4 2011 2012 Gr ...

HowtoChange\$Spark\$Plugs:\$2010 2013 ...

Subaru recommends that you change the spark plugs in the 2010-2013 Outback/Legacy every 60,000 miles (Spitz, 2011). Most Subaru dealerships charge hundreds of dollars to change ...

TORQUE SPECIFICATIONS Application Ft. Lbs (N.m) - JustAnswer

Feb 5, 2010 · Exhaust Manifold Heat Shield-To-Right Exhaust Manifold Bolt 89 (10) Front Splash Shield Bolts 62 (7) Fuel Charging Harness Nut 27 (3) Fuel Injection Supply Manifold-To-Lower ...

INSTALLATION INSTRUCTIONS DESCRIPTION: Legacy Trunk ...

2/6/2017 SUBARU OF AMERICA PAGE 1 / 17 PART NUMBER: E721SAL000 TOOLS REQUIRED: INSTALLATION INSTRUCTIONS DESCRIPTION: Legacy Trunk Spoiler Center ...

H001SAN100 Legacy-Outback Remote Engine Start ...

part number subaru of america h001san100 part number: h001san100 description: long range key start remote engine start system legacy / outback installation instructions 1 2 3 kit contents ...

a.11, a.22, d.24, d.25 engine block 95 WRX 4 Plug ECU Pinouts ...

B125 (D) B127 (C.) B106 (B) B126 (A) 1 ISC Valve CLOSE (3) W 1 Cam Sensor (1) A.9 - B 1 TPS GND (2) TPS[2] GND B 1 cut off 2 ISC Valve OPEN (1) B 2 Cam Sensor (2) A.10 + W 2 TPS ...

SERVICE BULLETIN - Subaru Forester Owners Forum

Subaru of America, Inc. is ISO 14001 Compliant ISO 14001 is the international standard for excellence in Environmental Management Systems. Please recycle or dispose of ...

PARKING BRAKE 3. Relay and Fuse - Subaru Outback Forums

%PDF-1.4 %âãÏÓ 2 0 obj >stream H%Ü—ko ¹ †ÿ ? 3Ä;¹(ØŽ³Í|>¤ ûaS Ž,'PÈvèkÿüò2#R6 VYHBàhÎîðð ò bÿi #fSÒÐ!a,ÆÆ,, ê,ið/^ i©',,IF¥Å»çdðî Ĩ Gç†A ñfÂ †ß“=N ·D êi òÛà—Ét(Ç ...

HOW - TO THE EXHAUST SYSTEM - Car Parts Warehouse

The exhaust manifold collects the burned gases as they are expelled from the engine cylinders and directs them to the exhaust pipe. HEAT RISER A heat riser is a valve, often located ...

Table of Contents - Subaru

mileages and/or times to keep your SUBARU in proper operating condition. You should make certain the record of services performed on your SUBARU are validated in the space(s) ...

BRAKE > Air Bleeding PROCEDURE - Subaru Forester Owners ...

95 mm (3.74 in) or less 11. If the distance is more than specification, there is a possibility of air being caught in the brake line. Bleed the brake line of all air until the pedal

WIRING SYSTEM 25.Horn System - Subaru Outback Forums

WI-199 Horn System WIRING SYSTEM 25.Horn System A: WIRING DIAGRAM 28 29 30 31 32 33 34 35 28 29 30 31 32 33 34 35 1 2 3 4 56 1 2 3 4 5 12 34567 8 9 8 9 27

1. ENGINE CONTROL MODULE (ECM) I/O SIGNAL - Subaru ...

Content Connector No. Terminal No. Signal (V) Ignition SW ON Note (Engine OFF) Engine ON (Idling) Knock sensor Signal B84 3 2.8 2.8 Shield B84 56 0 0 AT/MT identification B84 81

ATTENTION: GENERAL MANAGER q PARTS MANAGER q ...

2016MY Legacy/Outback, North American specification. Refer to applicable Service Manual for more details / information.. 3A BB CC BB DD EE ... Subaru Service Bulletins are intended for ...

CVT VALVE BODY REPLACEMENT WITH CONFIRMED DTC

5/9 NTB15-087b 6. Replace the metal bracket of the temperature sensor as follows: NOTE: The new bracket will be oriented the same way as the old one. a. Cut the plastic zip tie with an ...

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TechTIPS Article Locator Edition Page 1 of 55 Article Locator Index This list is most efficient when searched using CTRL+F TABLE OF CONTENTS Click title below to jump to section

Subaru Service and Technical Support Line Newsletter

TechTIPS Article Locator Edition Page 1 of 60 Article Locator Index This list is most efficient when searched using CTRL+F TABLE OF CONTENTS Click title below to jump to section

MANUAL TRANSMISSION AND DIFFERENTIAL 5-SPEED (5MT) ...

5MT-8 General Description MANUAL TRANSMISSION AND DIFFERENTIAL 2. DRIVE PINION ASSEMBLY (1) Drive pinion shaft (15) 1st-2nd synchronizer hub (29) Washer

Electrical Systems - Heartland Owners Forum

Heartland Owners Forum <http://manuals.heartlandowners.org> Electrical Systems V2.pdf P a g e | 4 Version: 2, August 17, 2020 12V DC from Tow Vehicle37

Ace Quality Management System (Download Only)

Ace Quality Management System Ace Quality Management System User Reviews and Ratings Ace Quality Management System and Bestseller Lists 5. Accessing Ace Quality Management ...

MECHANICAL 8. Valve Clearance - Subaru Forester Owners ...

If engine oil is spilt onto the exhaust pipe, wipe it off with cloth to avoid emission of smoke or causing a fire. NOTE: Inspection and adjustment of valve clearance should be performed while ...

HOW TO USE THIS INSTALL GUIDE - iDatalink

Jun 18, 2018 · SUBARU LEGACY WITH BLUETOOTH 2014 Retains steering wheel controls, amplifier and more! NOTICE Aomotiv D S I ADS ec t - L espectiv wners. ADS-RR(SR) ...

Firing order - The Mechanic

open - exhaust valve open sequence required by the four stroke cycle. The cylinder numbering scheme used by some manufacturers on their V engines is based on "folding" the engine into ...

H451SAL200 IxI Legacy Fog Light Kit - Subaru

performed by a Subaru dealer technician. 2) Take care not to damage vehicle components during removal and installation. 3) Route wiring so that it does not rub against any sharp edges. Part ...

SUBARU EE20 ENGINE COMMON RAIL SYSTEM (CRS)

As a result of a model change to the SUBARU LEGACY beginning from July 2009, the CRS equipped with the EE20 engine has changed. Change items that have been added to this ...

Subaru Service and Technical Support Line Newsletter

TechTIPS Article Locator Edition Page 1 of 53 Article Locator Index This list is most efficient when searched using CTRL+F TABLE OF CONTENTS Click title below to jump to section

Service Bulletin Bulletin No.: 18-NA-115 Date: September, 2020

Bulletin No.: 18-NA-115 September, 2020 Page 3 3632865 3632864 Notice: This porosity condition is rare, therefore the technician should inspect the suspect cylinder(s) and look for a ...

2011 Subaru Legacy Exhaust Diagram

2011 Subaru Legacy Exhaust Diagram

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- [2012 dodge journey cooling system diagram](#)
- [2013 dodge avenger 24 belt diagram](#)

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