

Database Guide with practice questions – ALLDATA (ALLDATA)

Use this database to find maintenance and repair information about your car or truck.

Description

ALLDATA is an automotive repair database that covers imported and domestic cars and trucks from 1982 to the current year. It includes diagnostic, repair and maintenance information for the do-it-yourself mechanic, as well as repair cost estimates for those who have their vehicle professionally serviced. Unlike many other JCPL databases,

Availability and Use Restrictions

In-Library Use: Available at all Library locations

Remote Use: None available.

Searching and Features

There are four important features Vehicle Search, New TSBs (Technical Service Bulletins), Shop Operations and Technician's Reference.

Select Vehicle Search

A series of inputs leads you to an index of information available for that vehicle, including maintenance, diagnostics, diagrams and other information.

1. Select the year of the car/truck you are interested in.
2. The system will then show a list of manufacturers, select the maker.
3. Select a model from the list that now displays.
4. Select an engine type from the newly displayed list.
5. Select from the index the type of information you need about the vehicle.

New TSBs (Technical Service Bulletins)

Search for new technical service bulletins and recalls by manufacturer.

1. Select **New TSBs** from the left menu
2. A new window will pop up with a list of manufacturers.
3. Scroll down to the manufacturers name.
4. Select to display the TSBs in either post date or Issue date.
5. **Note:** This section only gives TSBs and recalls listed since ALLDATA's last update. To view all TSBs and recalls in a vehicle's history it is best to go through 'Select Vehicle' first.
6. Close the window to return to the main menu of options.

Shop Operations

This section provides information helpful to shop owners and service advisors. It gives examples of questions customers might ask such as why timing belts need to be replaced. It also includes detailed information about the correct ways to complete repairs.

1. Select **Shop Operations** from the left menu.
2. A new window will pop up.
3. At the left is a two tab search area.
4. Use the **Content** tab to select information by table of contents, an image of a book denotes that there are sub-topics to display, a single page denotes that there are no more sub-topics.
5. Or use the **Search** tab to enter a word or words to search.
6. Click on the topic to display the information in the main body of the page.
7. Close the window to return to the main menu of options.

Technician's Reference

This section provides information to help maintenance technicians. It includes the Emissions Quick Reference Guide, conversion tables, timing belt replacement intervals, a glossary and acronym definitions.

1. Select **Technician's Reference** from the left menu.
2. A new window will pop up.
3. At the left is a three tab search area.
4. Use the **Content** tab to select information by table of contents, an image of a book denotes that there are sub-topics to display, a single page denotes that there are no more sub-topics.
5. Or use the **Search** tab to enter a word or words to search.
6. Or use the **Glossary** tab to look up definitions.
7. Click on the topic to display the information in the main body of the page.
8. Close the window to return to the main menu of options.

Printing Search Results from Select a Vehicle – Main text

1. Display the information to be printed.
2. Click your browser's **FILE** menu and select **PRINT PREVIEW**.
3. Make sure the pages are what you want. If you are using this database within a JCPL location there is a charge for computer printing.
4. Click **PRINT** in the print preview window.
5. Click **PRINT** in the print command window.
6. Click **BACK** to back up.

Printing Search Results from an image from an article in Select a Vehicle, TBS, Shop Information and Technician's Reference

When the new window pops up for these features, there is a limited menu for the browser. The only way to print is by clicking the Printer image. Both frames print out, so if the menu on the left is long, you will get several pages of the table of contents. In **Select a Vehicle** click the **Sized for Print** button to open the window with the image.

Downloading Search Results from Select a Vehicle

1. Display the information to be downloaded.
2. Insert a formatted disk, a CD-ROM, or a memory stick into the appropriate drive.

3. Click your browser's **FILE** menu and select **SAVE AS**.
4. Type the disk drive, the filename and .txt in the **FILE NAME** box. Example:
a:myfile.txt
5. Click **SAVE**.

Download Search Results from TBS, Shop Information and Technician's Reference

This feature is not available from the limited browser menu in the new window that pops up for these sections of the database.

Emailing Search Results

This feature is not available from this database.

Practice Worksheet

Goals: To be able to use *the ALLDATA* database to locate a variety of information on specific vehicles.

After completing this worksheet, you should be able to:

- Find Technical Service Bulletins and recall information for a specific vehicle.
- Find repair or replacement instructions for various parts of a specific vehicle.
- Find and print a wiring diagram for a specific vehicle.
- Find definitions of words and acronyms.

Practice questions/activities:

1. Find the removal and installation instructions for disc brake pads on a 1990 Ford F-150 4WD pickup with an L6-300 4.9 L engine.
2. Find information on servicing the radiator on a 1995 Honda Accord Coupe L4-2.2L SOHC.
3. Find the technical service bulletins for Brake rotors for a 1990 Ford F-150 4WD pickup truck with an L6-300 4.9 L engine.
4. Find a diagram for routing the windshield washer hose on a 1998 Subaru Legacy Outback limited.
5. Find the service manual corrections for a 1998 Subaru Legacy Outback.
6. Find all new technical service bulletins (TSBs) for Toyotas.
7. What does the acronym DMCM stand for?
8. Find a definition for port fuel injection.
9. Find the timing belt replacement interval for a Subaru with a 2.7 Liter engine.
10. Find the Federal & State air quality (emissions) standards for Colorado.
11. Find an answer to this question that a customer in a repair shop might ask: My ABS Warning Light is on, is it still safe to drive?

12. Find a wiring diagram for the radio, stereo and CD on a 1998 Subaru Impreza L Sport Wagon F4-2212cc 2.2L SOHC MFI and size it for printing so it will fit on an 8 1/2x11 sheet of paper.

Answers

1. Find the removal and installation instructions for disc brake pads on a 1990 Ford F-150 4WD pickup truck with an L6-300 4.9 L engine.

- Click **Select Vehicle**.
- Click the year, make, model and engine specified.
- Click **Brakes and Traction Control**.
- Click **Disc Brake System**.
- Click **Brake Pad**.
- Click **Removal and/or Installation**.

2. Find information on servicing the radiator on a 1995 Honda Accord Coupe L4-2.2L SOHC.

- Click **Select Vehicle**.
- Click the year, make, model and engine specified.
- Click **Cooling System**.
- Click **Radiator**.
- Click **Service and Repair**.

3. Find the technical service bulletins for Brake rotors for a 1990 Ford F-150 4WD pickup truck with an L6-300 4.9 L engine.

- Click **Select Vehicle**.
- Click the year, make, model and engine specified.
- Click **Technical Service Bulletins**.
- Select **All Technical Service Bulletins**.
- Click **Title** to sort by title and more easily find bulletins related to brakes.

4. Find a diagram for routing the windshield washer hose on a 1998 Subaru Legacy Outback limited.

- Click **Select vehicle**.
- Click the year, make, model and engine specified.
- Click **Wiper and Washer Systems**.
- Click **Windshield Washer Hose**.
- Click **Diagrams**.

5. Find the service manual corrections for a 1998 Subaru Legacy Outback.

- Click **Select Vehicle**.
- Click the year, make, model and engine specified.
- Click **Technical Service Bulletins**.

- Click all **Technical Service Bulletins**.
 - Click **Title** to sort by title.
 - Under **Title** they are listed as **Service Manual-Updates/Corrections**.
6. Find all new technical service bulletins (TSBs) for Toyotas.
- Click **New TSB's**.
 - A new window will pop up.
 - On the line that reads **Toyota** click on either **post date** or **issue date**.
 - When finished, close the window.
7. What does the acronym DMCM stand for?
- Click **Technician's Reference**.
 - A new window will pop up.
 - Click the **Glossary** tab.
 - Scroll down to **DMCM** and click on it.
 - The definition will be in the small window below the glossary list.
 - When finished, close the window.
8. Find a definition for Port Fuel Injection.
- Click **Technician's Reference**.
 - A new window will pop up.
 - Click the **Glossary** tab.
 - Click **Automotive Glossary**.
 - Scroll down to **Port Fuel Injection** and click on it.
 - The definition will be in the small window below the glossary list.
 - When finished, close the window.
9. Find the timing belt replacement interval for a Subaru with a 2.7 Liter engine.
- Click **Technician's Reference**.
 - A new window will pop up,
 - Under the **Contents** tab, click **Timing Belt Replacement Intervals**.
 - Click **Subaru**.
 - When finished, close the window.
10. Find the Federal & State air quality (emissions) standards for Colorado.
- Click **Technician's Reference**.
 - A new window will pop up.
 - Under the **Contents** tab, click **Emissions Quick Reference Guide**.
 - Click **Federal and State Air Quality Standards**.
 - Click **Colorado**.
 - When finished, close the window.
11. Find an answer to this question that a customer in a repair shop might ask:
My ABS Warning Light is on, is it still safe to drive?
- Click **Shop Operations**.

- A new window will pop up.
- Under the **Contents** tab, click **Inspection Forms, System Checklists and Customer Questions**.
- Click **Answers to Common Customer Questions**.
- Click **Brakes**.
- Click **ABS Warning Light**.
- When finished, close the window.

12. Find a wiring diagram for the radio, stereo and CD on a 1998 Subaru Impreza L Sport Wagon F4-2212cc 2.2L SOHC MFI and size it for printing so it will fit on an 8 1/2x11 sheet of paper.

- Click **Select Vehicle**.
- Click on the year, make, model and engine specified.
- Click **Accessories and Optional Equipment**.
- Click **Radio, Stereo, and Compact Disc**.
- Click **Electrical Diagrams**.
- Click **Sized for Print**.
- A new window will pop up with the image in a printable size.
- Use the **Print** icon to print if desired.
- When finished, close the window.