

CHILTON[®] LIBRARY User Guide



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Introduction to Chilton Library

Welcome to the user guide for the Chilton Library application. Here you will be able to research specific topics that will help answer any questions you may have on the use of the product.

Getting Started

The Chilton Library application allows you to browse through a robust list of vehicles in order to obtain vehicle specific information including:

- Repair Procedures
- Technical Service Bulletins/Recalls
- Vehicle specific Maintenance schedules and much more.

This application is setup with flexible toolbars and navigation which allows you to jump between the various areas listed above for each vehicle you are researching.

Browser Recommendations and System Requirements

The Chilton Library System Recommendations and Requirements are as follows:

Recommended:

- Internet Explorer 7.0 or above (recommended), Firefox 3.6 or later
- High-speed internet connection
- Adobe Reader ® [Click here to be directed to the download site](#)
- Adobe Flash Player ® [Click here to be directed to the download site](#)
- Screen resolution that is greater than 1024 x 768 for optimum visual experience




Required:

JavaScript must be enabled on browser. Check your browser Help files for instructions on enabling JavaScript.



Adobe Flash Player ® is required to view the Animations and Videos which appear in the **Repair** section of this site.

Animations and Videos appear in various section headings within the Repair content and can be viewed by clicking the icon or the provided description for each. See the sample below.

Animations and Tech Tips

-  [Click to view: Fuel/air mixture](#)
-  [Click to view: A basic fuel injection system](#)
-  [Click to view: Ported fuel injection](#)

Videos

-  [Click to view: About the air-fuel ratio](#)
-  [Click to view: Restricted fuel filters can cause a lean mixture, hesitation, and high HC and Nox emissions](#)

Adobe Reader® is required to view specific **Technical Service Bulletin (Bulletins/Recalls)** information as well as some drawings/photos in the **Repair** and **Maintenance** sections of this application. Any information will appear in a separate **Adobe Reader® Window**.

The following sample from the repair section of the Chilton Library application shows that a user can retrieve a larger view of an image using the **Adobe Reader®**.

By selecting on the "**click to enlarge**" as shown in **Figure 1**, the full size image will open in a new Adobe Reader® window as shown in **Figure 2**.

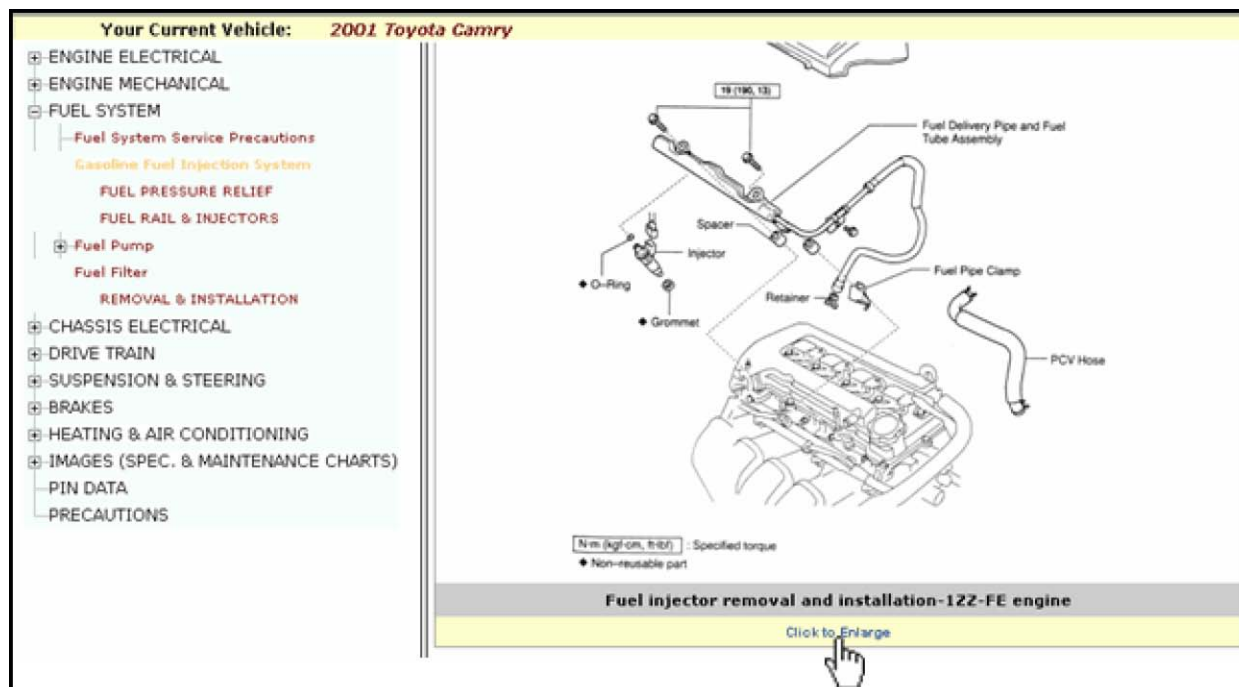


Figure 1

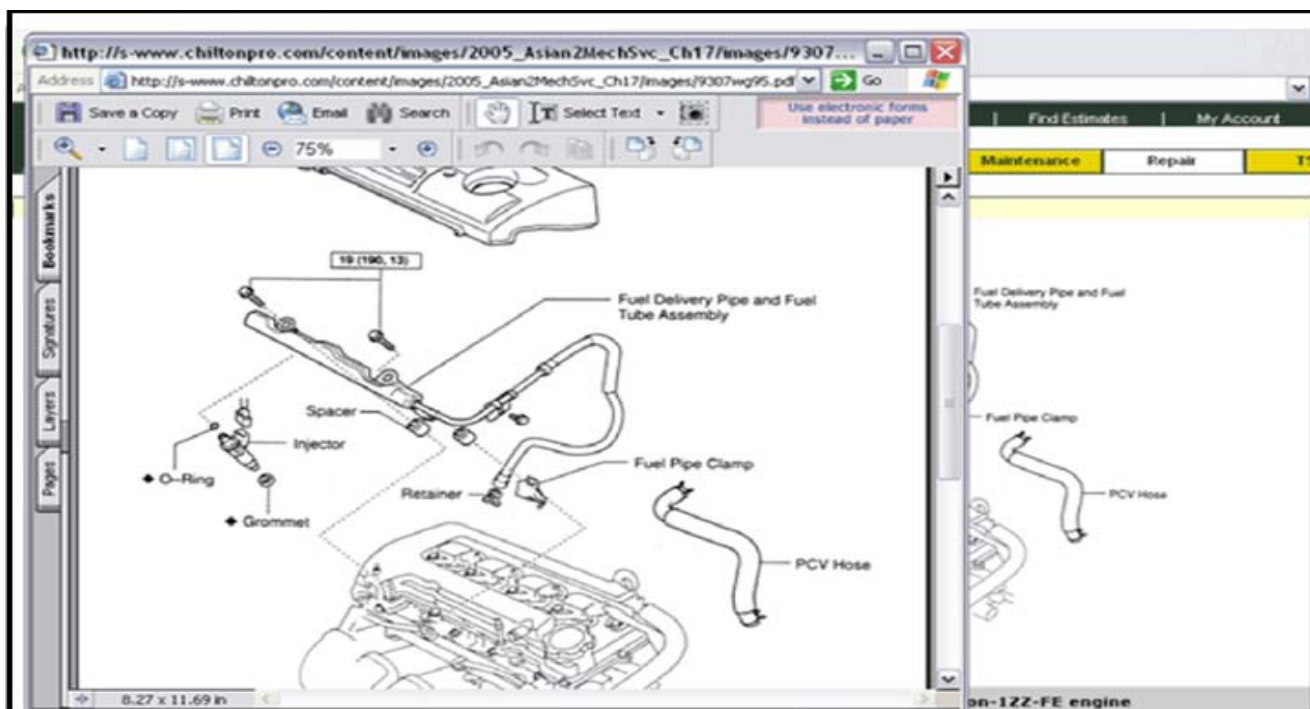


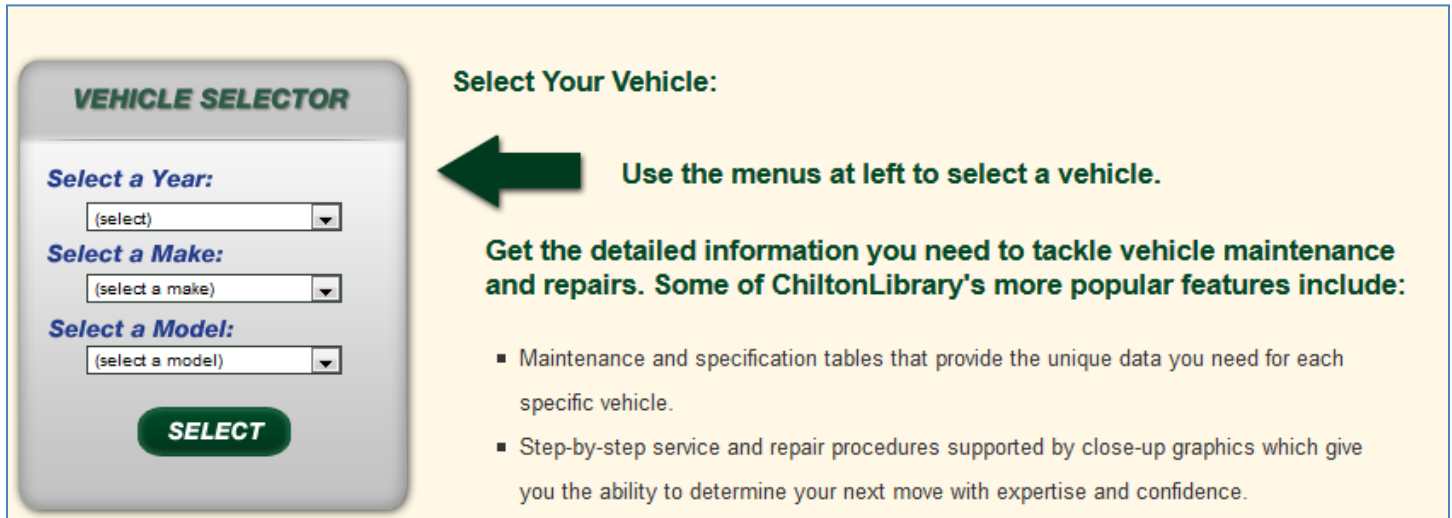
Figure 2

Chilton Library Functionality

Selecting a Vehicle

In order to examine any vehicle related information, you must first select the specific vehicle that you are interested in.

Using the left navigation bar on the homepage of the application, there are a series of drop-down menus that will give you the ability to select the vehicle you would like to research.



VEHICLE SELECTOR

Select Your Vehicle:

Use the menus at left to select a vehicle.

Get the detailed information you need to tackle vehicle maintenance and repairs. Some of ChiltonLibrary's more popular features include:

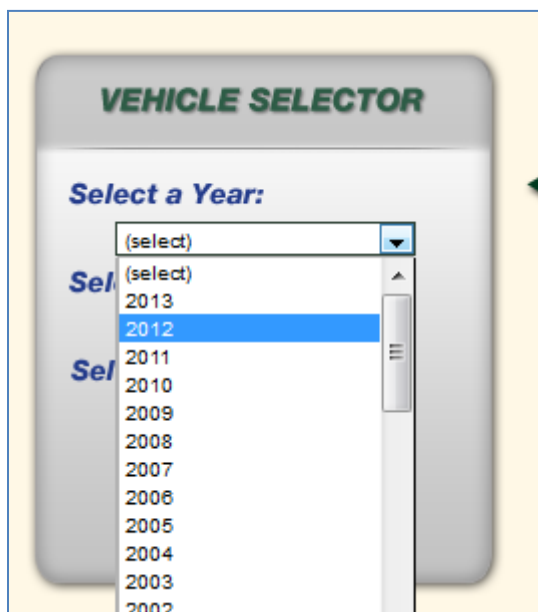
- Maintenance and specification tables that provide the unique data you need for each specific vehicle.
- Step-by-step service and repair procedures supported by close-up graphics which give you the ability to determine your next move with expertise and confidence.

The interface shows three dropdown menus: "Select a Year:" with "(select)" selected, "Select a Make:" with "(select a make)" selected, and "Select a Model:" with "(select a model)" selected. A green "SELECT" button is at the bottom.

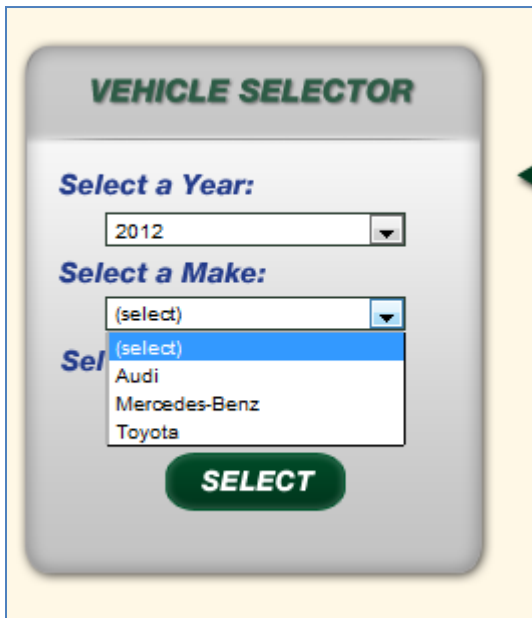
To start any search you must first select from the highest menu and work your way down until a full vehicle specification is selected.

Each drop-down menu is populated based on the selection that is above it. For example, the "**Select a Make**" drop down list is populated based on the "**Select a Year**" value that you select before it. Similarly, the "**Select a Model**" list is populated based on the **Year** and **Make** that you selected.

1. First, select the **Year** of the vehicle you would like to research



2. Next, select the vehicle **Make**



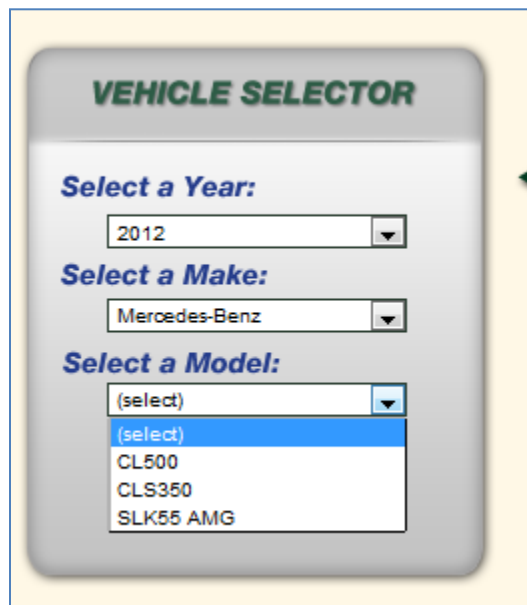
VEHICLE SELECTOR

Select a Year:
2012

Select a Make:
(select)
Audi
Mercedes-Benz
Toyota

SELECT

3. And finally, select the vehicle **Model**



VEHICLE SELECTOR

Select a Year:
2012

Select a Make:
Mercedes-Benz

Select a Model:
(select)
CL500
CLS350
SLK55 AMG

SELECT

Once the vehicle is selected, the Chilton Library application will compile your vehicle data and return with categories that are available.

Depending on what vehicle you research, you may return up to four categories of information. The bullet points below represent these possible categories which are **Repair**, **Maintenance**, and **Bulletins/Recalls**.

If a category does not appear for the selected vehicle it means that Chilton Library does not yet have this information available for that vehicle

Your Current Vehicle: **2010 Toyota Camry**

VEHICLE SELECTOR

Select a Year:

2010 ▼

Select a Make:

Toyota ▼

Select a Model:

Camry ▼

SELECT

Vehicle Selection Results for 2010 Toyota Camry

Data is available for the following:

- [Repair](#)
- [Maintenance](#)
- [Bulletins/Recalls](#)



4. Select a category from the vehicle selection results (shown above) to be navigated to that section of the Chilton Library application.

Note: Once you have selected your vehicle, any navigation on the application will be in relation to the vehicle you have selected. If you want to research a new vehicle you must click on the **Select Vehicle** tab again and select a new vehicle with the drop-down menus.

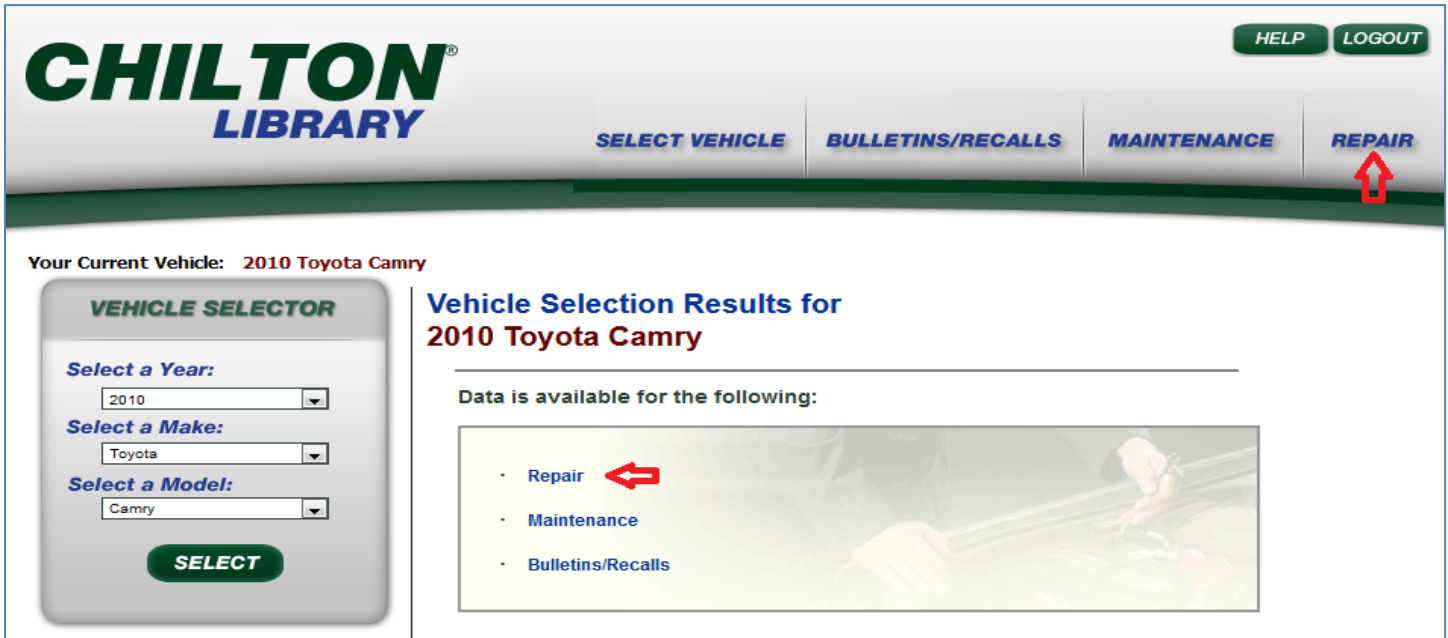
Repair

If the **Repair** category is available after initially [selecting a vehicle](#), you can now select it to research the Repair information for the currently selected vehicle.

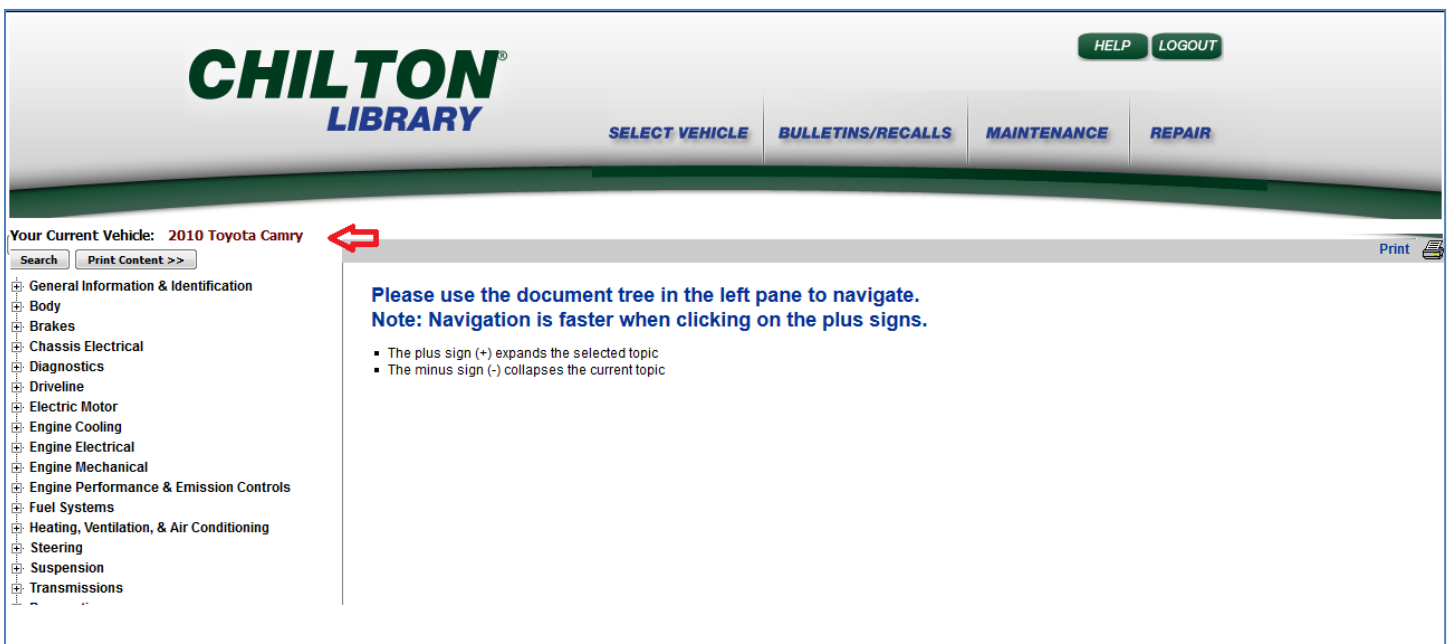
Note: This information will always be accessible even if you decide to research a separate category on this vehicle (i.e. **Estimating, Bulletins/Recalls** or **Maintenance**). Simply select the **Repair** tab on the top navigation bar from any screen in order to return to the **Repair** screen of your current vehicle.

The steps following will illustrate how to navigate in the **Repair** tab of the Chilton Library application.

1. After selecting the **Repair** option from your **Vehicle Selection Results**, the application will navigate you to the Repair manual of the specific vehicle you have selected.



The window will be split into two separate panes. The left window will display all available **Repair** subcategories for the selected vehicle in a document tree layout. The right pane will display the documentation from the subcategory which was selected.



Note: Repair subcategories on the left navigation may differ based on the vehicle you are researching.

2. The tree display layout is highlighted and documented in the figure below. For sample purposes, we are going to obtain information on how to remove and install a fuel filter for a 2001 Toyota Camry:

- a. Select the plus (+) symbol next to one of the categories of the vehicle that you would like information on. Using the figure below as a sample, the selection was **Fuel System**.

Once the selection has been made, a new series of selections under **Fuel System** will be displayed (i.e. *Fuel System Service Precautions, Gasoline Fuel Injection System, Fuel Pump, and Fuel Filter*).

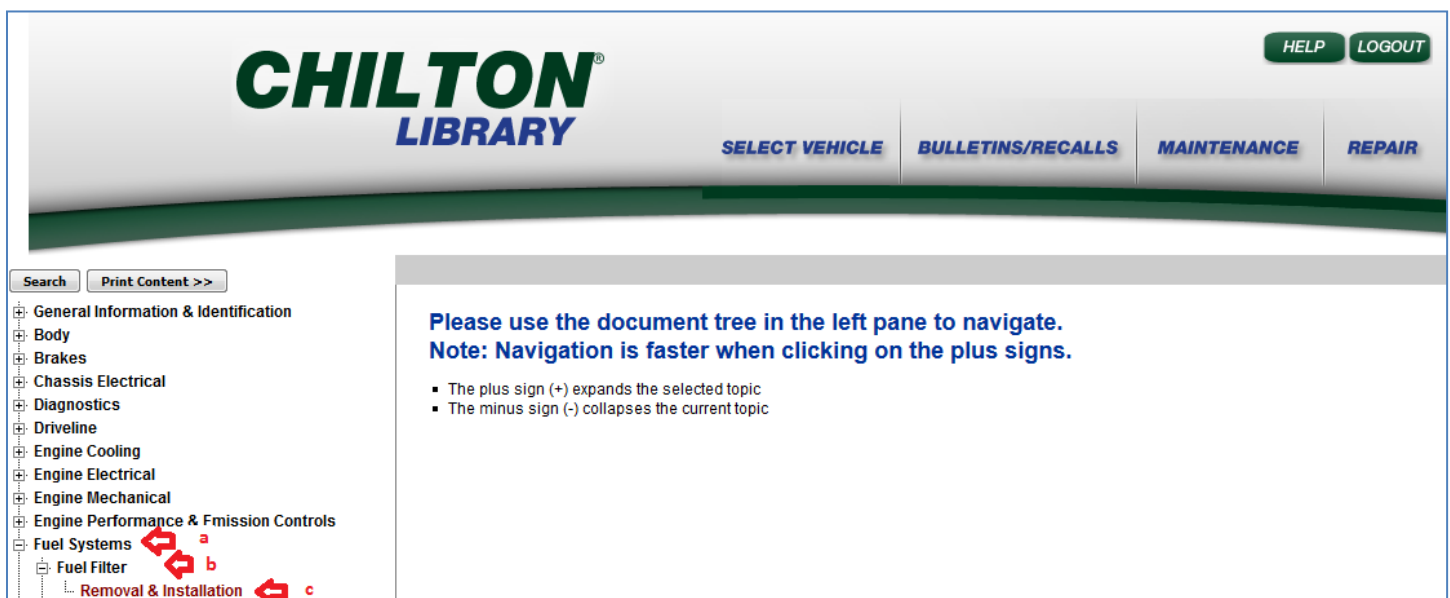
These are displayed as children of the root category **Fuel System**. They will also be represented by the way they are indented under **Fuel System**.

- b. Selecting the plus symbol next to the category **Fuel Filter**, which is a subcategory of **Fuel System**, will display any other categories that are associated with the **Fuel Filter** i.e. **Removal & Installation**.

Since there are no other plus symbols, **Removal and Installation** is the lowest subcategory.

- c. Selecting **Removal and Installation** will now display information on how to Remove and Install a fuel filter in the right window pane.

The right pane will now display all the detailed information for removing and installing a 2001 Toyota Camry Fuel Filter.



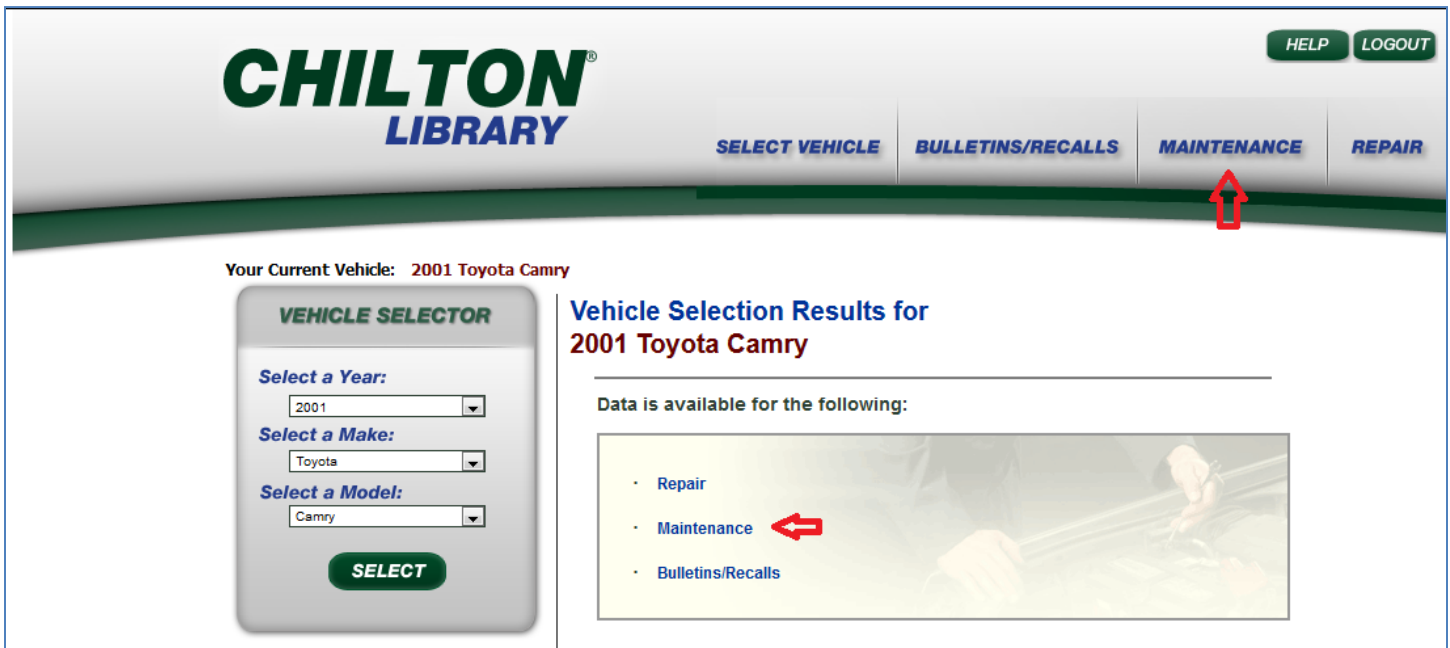
Vehicle Maintenance

If the **Maintenance** category is available after initially [selecting a vehicle](#), you can now select it to research the maintenance information for the currently selected vehicle.

Note: This information will always be accessible even if you decide to research a separate category on this vehicle (i.e. **Estimating, Bulletins/Recalls's** or **Repair**). Simply select the **Maintenance** tab on the top navigation bar from any screen in order to return to the **Maintenance** screen of your current vehicle.

The steps following will illustrate how to navigate in the Maintenance tab of the Chilton Library application.

1. After selecting the **Maintenance** option from the **Vehicle Selection Results**, the application will navigate you to the Maintenance Chart for the specific vehicle you have selected.



2. Once opened, you will be provided with a **Vehicle Configuration Filter**. This will allow you choose the following characteristics for the vehicle configuration you are interested in.

Each selection you make will filter the available choices in the following selections. For example, if you select "LE" for the Sub Model on the sample vehicle shown, the Fuel Type filter will only contain those values that are valid for the "LE" Sub Model.

As you choose each vehicle you will only be presented with values in the following filter that are valid for the filters you have already selected.

Alternatively, if you want to see all of the available vehicle configurations that are available you can select the ["full chart list"](#) link that is provided next to the **Vehicle Configuration Filter**.

From the full chart list you can simply select the vehicle configuration you are interested in to view the maintenance schedules.

Samples of the **Vehicle Configuration Filter** and **Full Chart List** are below.

Vehicle Configuration Filter Sample

Scheduled Maintenance Intervals
Please select your vehicle configuration from the items below, or from the [full chart list](#).

⌵

Collapse filter

Vehicle configuration filter.

Select Sub-Model:

LE

Select Fuel Type:

GAS

Select Cylinders:

6

Select Drive Type:

FWD

Select Body Type:

Sedan

Select Transmission Type:

Automatic

Select Operating Condition:

Please select a value

Please select a value

Idling

Normal

Rough, Muddy, Snow

Towing

Unpaved, Dusty

Full Chart List Sample

Submodel	Liter	Cylinders	Body	Drive	Fuel Type	Transmission	
CE	2.2	4	Sedan	FWD	GAS	Automatic	View Chart
CE	2.2	4	Sedan	FWD	GAS	Standard	View Chart
LE	2.2	4	Sedan	FWD	GAS	Automatic	View Chart
LE	3.0	6	Sedan	FWD	GAS	Automatic	View Chart
LE	3.0	6	Sedan	FWD	GAS	Standard	View Chart
XLE	2.2	4	Sedan	FWD	GAS	Automatic	View Chart
XLE	3.0	6	Sedan	FWD	GAS	Automatic	View Chart

Once a chart is selected you will be presented with mileage based service recommendations for that vehicle configuration and selected operating conditions.

To scroll back and forth between the different mileage intervals you can use the “<< [Look Back](#)” and “[Look Ahead](#) >>” links. These will move you backward or forward to the next recommended service interval.

You can also enter the vehicles current mileage in the “**Enter Mileage**” box and then select “**Show Services**”. This will bring you to the recommended service interval for the mileage entered. This usually rounds up the mileage to the next recommended service interval.

If you want to see the full maintenance chart with all defined service intervals you can select the “[View Full Chart](#)” link.

Finally, if you want to see the **Vehicle Configuration Filter** selections again click on the “[Expand Filter](#)” link and it will reappear so you can change your selections. To collapse it again selects the “[Collapse Filter](#)” link.

Scheduled Maintenance Recommendations Sample

Scheduled Maintenance Intervals

Please select your vehicle configuration from the items below, or from the [full chart list](#).

☒ [Expand filter](#)

Enter Mileage:

[Show Services](#)

<< [Look back](#) [Look ahead](#) >> [View Full Chart](#)

Your 15000 mile service under "Normal" conditions includes:

- Inspect/Service Ball joints & dust covers
- Inspect/Service Brake lines & hoses
- Inspect/Service Brake linings & drums
- Inspect/Service Brake pads & discs
- Inspect/Service Differential oil
- Inspect/Service Drive shaft boots
- Replace Engine oil & filter
- Inspect/Service Steering gear box
- Inspect/Service Steering linkage
- Rotate Tires

These recommendations also apply:

- Inspect/Service Drive belts At 60,000 miles, then every 15,000 miles thereafter
- Replace Timing belt Every 90,000 miles

Note: In some cases we may only have the full chart for a vehicle especially if it is an older model. When the full chart is the only choice available it will automatically be displayed without any selections required by the user.

Maintenance recommendations for each interval are shown along with footnotes that list any exceptions based on the vehicle configuration or operating conditions.

Maintenance Intervals

SCHEDULED MAINTENANCE INTERVALS

To be serviced	Type of service	Vehicle mileage interval (x1000)												
		7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90	97.5
Engine oil & filter	R	X	X	X	X	X	X	X	X	X	X	X	X	X
Drive belts	SI								X	X	X	X	X	X
Automatic transaxle fluid & filter	SI		X		X		X		X		X		X	
Ball joints & dust covers	SI		X		X		X		X		X		X	
Bolts & nuts on body & chassis	SI		X		X		X		X		X		X	
Brake line pipes & hoses	SI		X		X		X		X		X		X	
Brake linings & drums	SI		X		X		X		X		X		X	
Brake pads & discs (front & rear if equipped)	SI		X		X		X		X		X		X	
Differential oil	SI		X		X		X		X		X		X	
Drive shaft boots	SI		X		X		X		X		X		X	
Manual transaxle oil	SI		X		X		X		X		X		X	
Steering gear housing oil	SI		X		X		X		X		X		X	
Steering linkage	SI		X		X		X		X		X		X	
Air filter	R				X				X				X	
Rear wheel bearings	R				X				X				X	
Spark plugs	R				X				X				X	
Spark plugs (platinum tip)	R								X					
Exhaust system	SI				X				X				X	
Fuel lines & connections	SI				X				X				X	
Valve clearance	SI				X				X				X	
Engine coolant	R							X			X			
Fuel tank cap gasket	R								X					
Charcoal canister	SI								X					

R: Replace SI: Service or Inspect

FREQUENT OPERATION MAINTENANCE (SEVERE SERVICE)

If a vehicle is operated under any of the following conditions it is considered severe service:

- Extremely dusty areas.
- 50% or more of the vehicle operation is in 32C (90F) or higher temperatures, or constant

Technical Service Bulletins (Bulletins/Recalls)

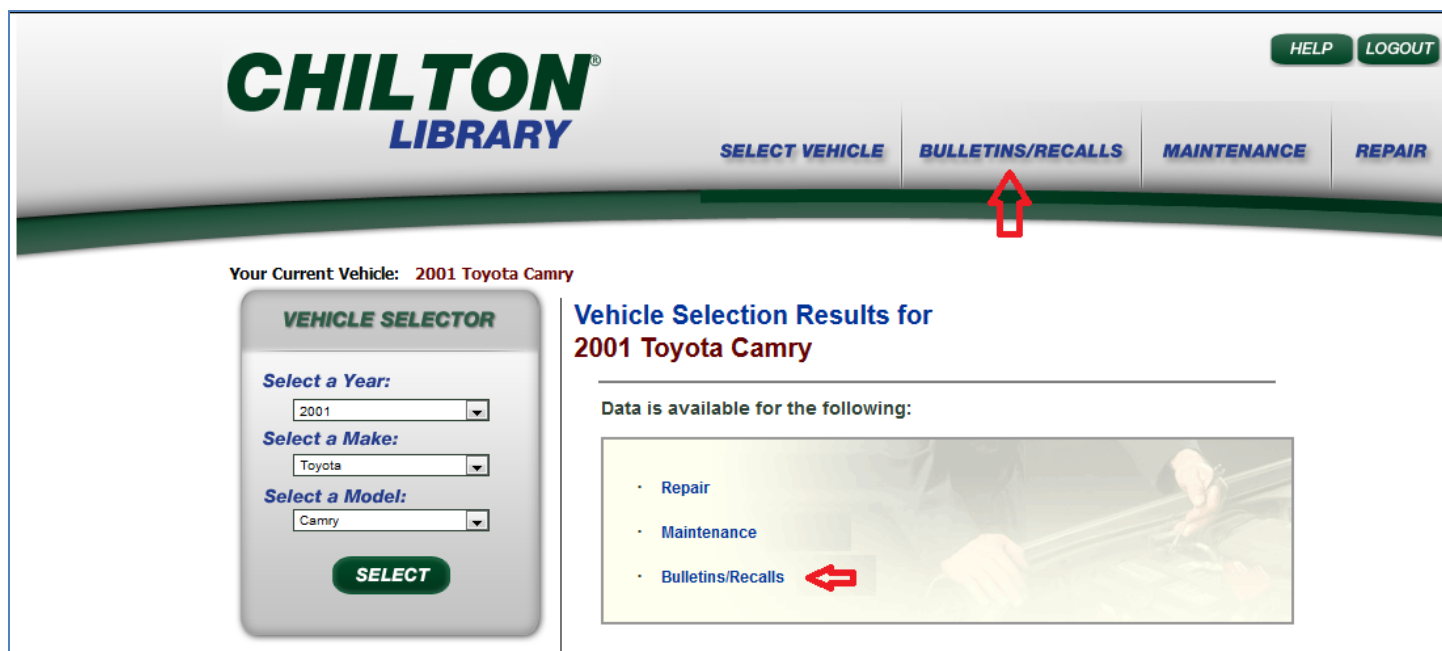
If the **Technical Service Bulletin (Bulletins/Recalls)** category is available for your selected vehicle, you will have the ability to research any released technical service documentation about it.

This information is updated in the system on an ongoing basis, ensuring that you will have the most up-to-date data on your selected vehicle.

The following steps will show you how to navigate in **Bulletins/Recalls** tab of Chilton Library.

1. After selecting your vehicle you will be presented with the **Vehicle Selection Results** which show the available categories for your vehicle. If the **"Bulletins/Recalls"** link is available just click on it.

Note: You can always get to the Bulletins/Recalls by clicking on the **Bulletins/Recalls** tab at the top of the page. This will take you directly from whatever other section of coverage you are using to the Bulletins/Recalls coverage.



CHILTON LIBRARY

HELP LOGOUT

SELECT VEHICLE **BULLETINS/RECALLS** MAINTENANCE REPAIR

Your Current Vehicle: 2001 Toyota Camry

VEHICLE SELECTOR

Select a Year: 2001

Select a Make: Toyota

Select a Model: Camry

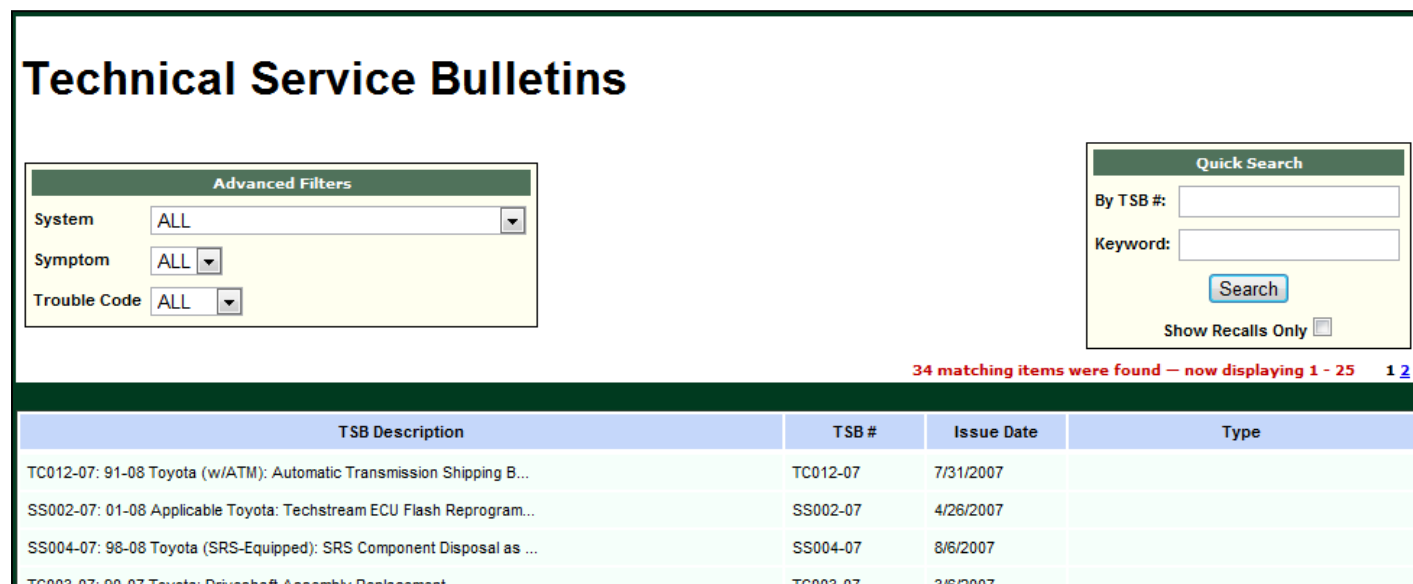
SELECT

Vehicle Selection Results for 2001 Toyota Camry

Data is available for the following:

- Repair
- Maintenance
- Bulletins/Recalls**

2. Once you click on the Bulletins/Recalls link or tab you will see the search results page. Initially it will contain the first page of unfiltered results for your selected vehicle.



Technical Service Bulletins

Advanced Filters

System: ALL

Symptom: ALL

Trouble Code: ALL

Quick Search

By TSB #:

Keyword:

Search

Show Recalls Only ☐

34 matching items were found — now displaying 1 - 25 1 2

TSB Description	TSB #	Issue Date	Type
TC012-07: 91-08 Toyota (w/ATM): Automatic Transmission Shipping B...	TC012-07	7/31/2007	
SS002-07: 01-08 Applicable Toyota: Techstream ECU Flash Reprogram...	SS002-07	4/26/2007	
SS004-07: 98-08 Toyota (SRS-Equipped): SRS Component Disposal as ...	SS004-07	8/6/2007	
TC003-07: 90-07 Toyota: Driveshaft Assembly Replacement	TC003-07	3/6/2007	

- To narrow down the items displayed you can use the **Advanced Filters** or the **Quick Search** boxes at the top of the page.

The **Advanced Filters** will let you search for Bulletins/Recalls by the affected System, vehicle operating Symptoms or a Diagnostic Trouble code. The values for these drop downs are populated based on the Bulletins/Recalls assigned to this vehicle so only valid values are listed.

TSB Description	TSB #	Issue Date	Type
TC012-07: 91-08 Toyota (w/ATM): Automatic Transmission Shipping B...	TC012-07	7/31/2007	
SS002-07: 01-08 Applicable Toyota: Techstream ECU Flash Reprogram...	SS002-07	4/26/2007	
SS004-07: 98-08 Toyota (SRS-Equipped): SRS Component Disposal as ...	SS004-07	8/6/2007	
TC003-07: 90-07 Toyota: Driveshaft Assembly Replacement	TC003-07	3/6/2007	
PG009-02: Replacement VIN Plates (OBSOLETE)	PG009-02	1/18/2002	
PG008-02: Replacement Certification Labels (OBSOLETE)	PG008-02	1/18/2002	
EG014-05: All Toyota & Scion Models: Radiator Cap Inspection	EG014-05	3/28/2005	

The **Quick Search** box will allow you to enter a Bulletins/Recalls number if you already know it or any keyword that you want to search on. You can also search for just Recalls by selecting the “**Show Recalls Only**” checkbox. Once your criteria is entered click on the search button to get your results.

- After your filtering has been done you will be presented with a list of Bulletins/Recalls matching that criteria. To view the Bulletins/Recalls simply point your mouse at the Bulletins/Recalls you want to view and click anywhere on the highlighted line.

TSB Description	TSB #	Issue Date	Type
TC012-07: 91-08 Toyota (w/ATM): Automatic Transmission Shipping B...	TC012-07	7/31/2007	
SS002-07: 01-08 Applicable Toyota: Techstream ECU Flash Reprogram...	SS002-07	4/26/2007	
SS004-07: 98-08 Toyota (SRS-Equipped): SRS Component Disposal as ...	SS004-07	8/6/2007	
TC003-07: 90-07 Toyota: Driveshaft Assembly Replacement	TC003-07	3/6/2007	
PG009-02: Replacement VIN Plates (OBSOLETE)	PG009-02	1/18/2002	
PG008-02: Replacement Certification Labels (OBSOLETE)	PG008-02	1/18/2002	
EG014-05: All Toyota & Scion Models: Radiator Cap Inspection	EG014-05	3/28/2005	

- The select Bulletins/Recalls will now open up in a separate Adobe Reader® window for you to view.

A sample Bulletins/Recalls is on the following page.

s-content.chiltonsonline.com/TSB/displayTSBHandler.ashx?assetID=72727&key=1VoM5xjvTqh%2fQndPWTya1JqxJ%2bwP...

s-content.chiltonsonline.com/TSB/displayTSBHandler.ashx?assetID=72727&key=1VoM5xjvTqh%2fQndPWTya1JqxJ%2bwPgT4n0%2b1WuejW5C

TOYOTA

Technical Service BULLETIN

August 6, 2007

Title: **SRS COMPONENT DISPOSAL AS HAZARDOUS MATERIAL TREATMENT**

Models: **'98 – '08 Toyota (SRS-Equipped)**

SPECIAL SERVICE TOOLS

SS004-07

Introduction

Some hazardous material treatment and handling regulations at the state and local level now define the pre-disposal deployment of airbag and pre-tensioner assemblies as hazardous material treatment. Hazardous material treatment may require special training, certification or licensing in certain areas. TMS recommends dealership personnel carefully review and follow all local and state regulations and, where necessary, contract with Environmental Protection Agency (EPA) Licensed Hazardous Waste Transportation and Disposal facilities.

TMS no longer recommends the manual deployment of SRS components as a general practice method of disposal. Employment of an EPA Licensed Hazardous Waste Transportation and Disposal contractor is encouraged.

Reasons for the change in practice:

- Previously, deployed SRS components were considered to be non-hazardous waste and airbag deployment was an acceptable practice when performed safely by properly equipped service facilities.
- The EPA has deferred the responsibility of determining if airbags, deployed or un-deployed, constitute hazardous waste to the discretion of each state.
- Within the past several years, a number of states have ruled the deployment of airbags to be considered treatment of hazardous waste, requiring practicing dealerships to obtain a HAZMAT treatment facility permit.
- Airbag disposal practices and protocols vary from state to state and are continuously evolving.

For information on local regulations, contacts for EPA Licensed Hazardous Waste Transportation and Disposal providers, an up-to-date list of states that require "waste treatment permits" for SRS component deployment, as well as more information about airbag recycling opportunities, please consult the Environmental Assistance Network (EAN). website <http://www.ccar-greenlink.org/tms> and enter the keywords "airbag disposal".

Applicable Vehicles

- 1998 – 2008 model year Toyota vehicles equipped with SRS.

Warranty Information

OP CODE	DESCRIPTION				
N/A	Not Applicable to Warranty	-	-	-	-