	GROUP GEN	MODEL All Models
	NUMBER 080	DATE December 2015
TECHNICAL SERVICE BULLETIN		
SUBJECT: KIA GLOBAL INFORMATION SYSTEM (KGIS) - SEARCH ENHANCEMENT AND NEW FEATURES		

This bulletin provides information on the upcoming new KGIS Enhanced Search and New Features to be released December 16th, 2015. These features will enable Kia service technicians to find related service information quickly and easily.

KGIS home page provides a new enhanced search-centric user experience and KGIS will now compile all available Service Information based on technician search request in one convenient location.



Additional enhancements includes the following;

Search Enhancements

- Search results will be shown in the appropriate service information frame providing easy access to that document’s Table of Contents
- Auto populate search field with common automotive keywords
- Search results will be ranked and sorted by date and keywords
- Additional Home page service sections

New Features

- Re-organized “Quick Links”
- Technician Basics
- Variant Codes
- Connector Catalog
- KDS & GDS Information
- Expanded “News Center” and “New Items”

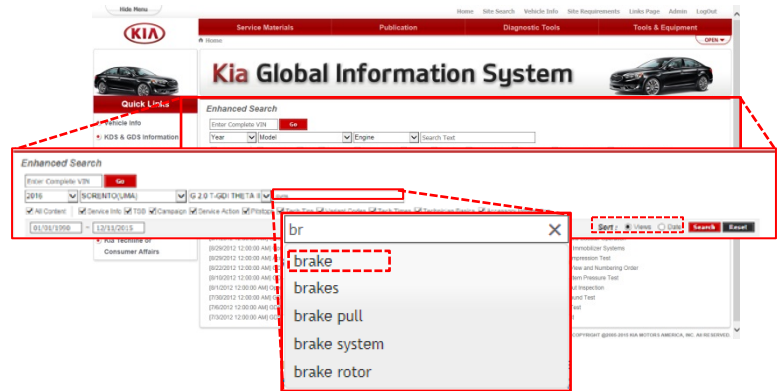
File Under: <General>

Circulate To: **General Manager** **Service Manager** **Parts Manager**
 Service Advisors **Technicians** **Body Shop Manager** **Fleet Repair**

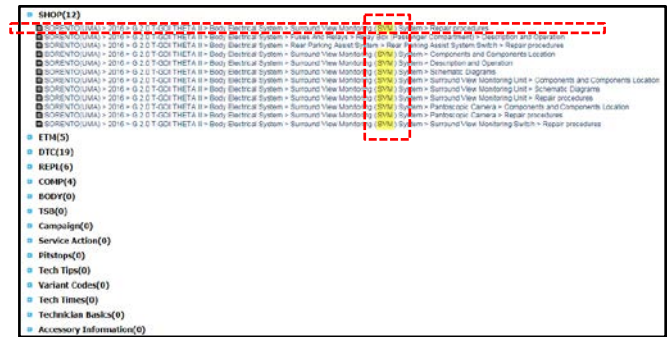
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How to Use Search Enhancement:

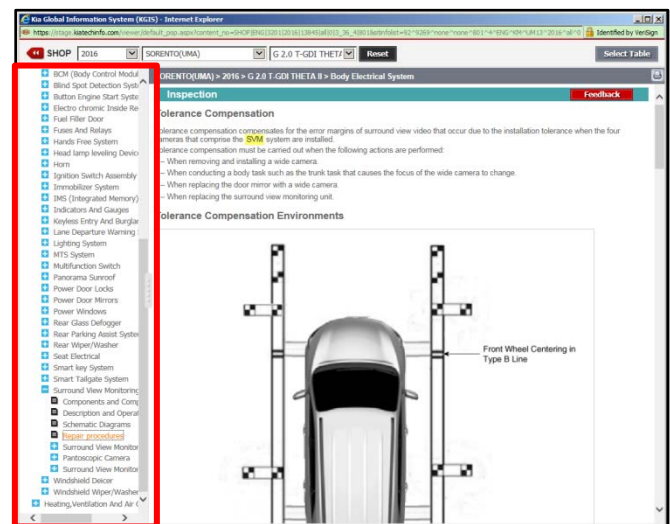
- Utilizing new search features, begin your search;
 - Select Year First
 - Only vehicles for selected year are displayed
 - Auto populated keywords
 - Valid search keywords added to list for most common searches
 - Sort search hit list by "Views" or "Date"



- Hit List displays all content with the selected keyword.
 - Displays the most frequently viewed search results on top
 - Keywords highlighted within search results and in documents



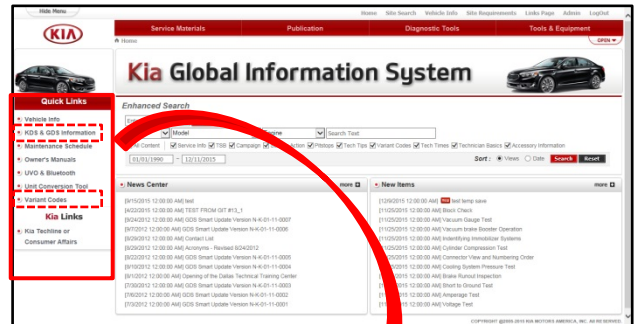
- New window displays data same as Service Information manual.
 - Dynamic page resizing
 - Direct table selection to other manuals (SM, ETM, DTC, etc.)
 - Target contents displayed in same window
 - Dynamic resizing of the Table of Contents (TOC) for improved title visibility



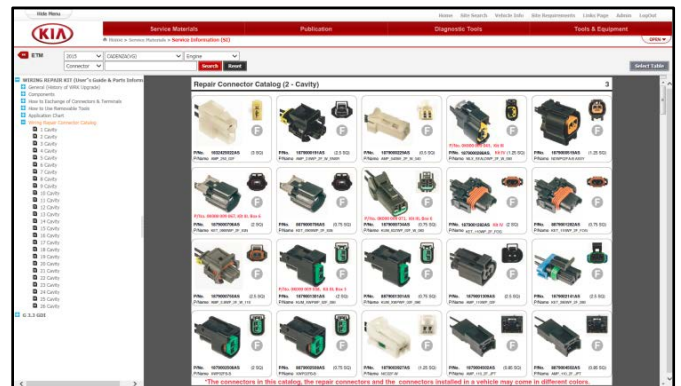
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Additional New Features:

1. Quick Links section reorganized with the most frequently used links and the addition of "KDS & GDS Information" and "Variant Codes" sections.

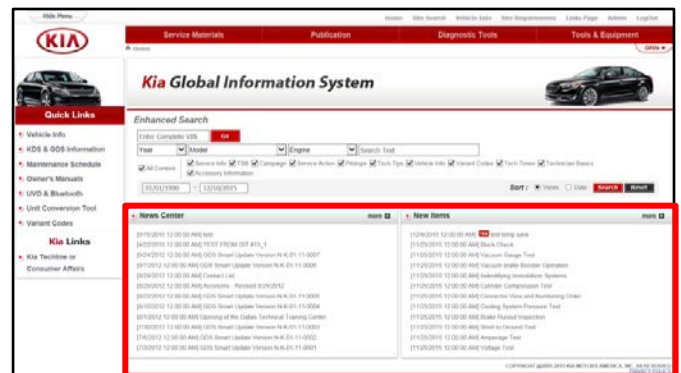


2. Wiring Repair Kit Part Number Catalog added in ETM section, organized by number of cavities/pins.



3. Expanded "News Center" and "New Items" section to increase visibility of the 12 most recently published documents.

To View the complete list, click on the topic header.



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4. A new service information section called “Technician Basics” is added. This information section covers basic procedures technicians need to know when performing diagnostic and repairs, from basic engine to electrical diagnosis. Technician Basics was created as an aid to assist technicians if a little help is needed as a refresher to perform certain diagnostic and repair procedures.

The screenshot displays the KIA Global Information System (KGIS) interface for the "Technician Basics" section. The page is titled "AMPERAGE TEST" and includes the following content:

- Navigation:** Home > Publication > Technician Basics
- Search Filters:** Year, Model, Search Text, Doc Date (01/01/1994 - 12/10/2015), Search, Reset, New Window
- Table of Contents:**

11/24/2015	TB013
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- Overview:** To measure the amount of current flowing through a circuit, a DVOM is recommended to measure the current flow in Amperes (Amps). When diagnosing electrical circuits to determine if they are working correctly, measuring the amount of current flow can provide valuable information.
- Tools Required:**
 - DVOM (Ammeter)
 - T-Connector (refer to TSB ELC 064)
- Preparation:**
 - Inspect meter Amp fuse to verify working properly (refer to Tech Times Vol. 5, ts. 4).
 - Identify the circuit being tested.
 - In this example, the back-up circuit is being tested in two points (fuse **1** and connector F28 **2**).
 - Fuse must be removed to properly test **1**.
 - Connector F28 must be disconnected to properly test **2**.
- Procedure:**

In this example, to measure current flow, follow procedure below:

 - Connect the test leads to the amperage inputs on the DVOM.
 - Select DC Amps on DVOM.
 - The DVOM must be connected in series (fuse **1** and connector F28 **2**) to properly measure current.
 - Connect the black (negative) probe of meter to red side (battery +) of selected test point.
 - Connect the other Red (positive) probe of meter to other side (component) of selected test point.
 - Note the reading on the digital display and compare with the circuit specifications. In this example there are 9.97 **3** Amps flowing through the circuit at both points, indicating good current flow through the fuse **1** and connector F28 **2**.
- Results:**
 - Refer to the Shop Manual for amperage specification for circuit being tested.
- When to Use:**

This procedure can be performed for the following conditions:

 - Resistance in the circuit
 - Parasitic draw

*Refer to Service Information for vehicle specifications.

Technician Readiness:

Take a few moments and navigate through the new features available in this enhancement. KGIS familiarity will increase technician productivity through reduced diagnosis and repair search time.