



September 2011

the wrench

Honda Technician Newsletter

iNformation

Information Library Search

There's a hidden gem on **iN**; *Information Library Search*. Here's a scenario where this handy tool could save time or misunderstanding. Let's say a customer comes into your service department and states, "I hear there's a recall on my 2005 CBR1000RR." If the service writer were to run the VIN under *Unit Information*, there would not be any indication of "outstanding campaign" and he may dismiss the customer's query. However if he were to use the *Library Search* tool he would get several results, including the *Service Bulletin* describing a warranty extension that may apply to the customer's motorcycle. He could then confidently inform the customer that his bike is not affected by a "recall", but rather a stator warranty extension. To use the tool, follow this path:

iN > Service > Service Publications > Search

My iN Favorites

If you're tired of drilling through the **iN** menu system every time you need to find *The Wrench* or some *Set-Up Instructions*, you can save yourself some clicks by saving these destinations within *My iN Favorites*. Just open the page you would like to save, drop down the *My iN Favorites* tab on the top menu and then click *Add to Favorites*.



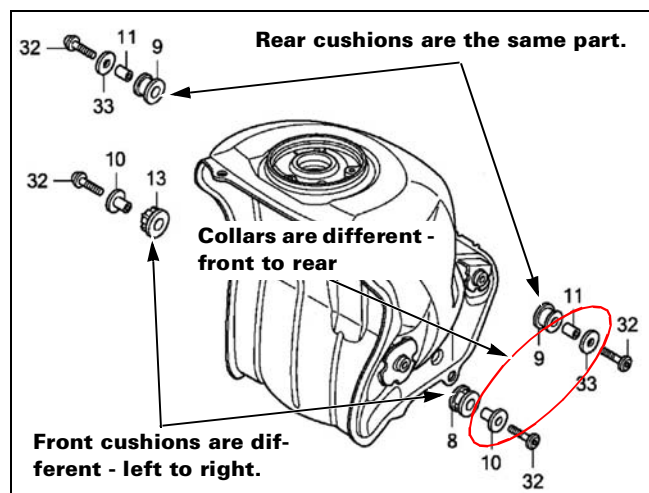
The page will be bookmarked within **iN** and is now only two clicks away, no matter how buried within the menu system it is normally located. If you have several pages bookmarked, you can change their order of appearance by using the *Manage Favorites* function. Bookmarks can be moved up/down the list, and deleted. Don't forget to click the *Save* button once you're finished moving things around.

On-Road

CBR1000RR, All Years

Fuel Tank Mount Cushions

The fuel tank on CBR1000RR has four rubber cushions that typically stay in the frame when the fuel tank is removed. If, however, they get removed, it is critical that they be reinstalled in their original locations. There are three different cushions used: left front, right front, and rear (2), as indicated in the parts catalog.



Failure to reinstall the cushions, collars, and bolts in their correct locations may lead to a damaged fuel tank or frame. Unfortunately, the Service Manual does not show the difference in cushions, collars, and bolts, so pay attention during disassembly.

2012 GL1800/A

CB Radio is New for 2012

The accessory CB Radio is a new part number for the 2012 model year and is not interchangeable with previous models. Installation of the 2012 CB Radio is completely different from older GL's as it is no longer necessary to remove the top tank shelter. All of the CB radio and antenna connections are now located in the rear trunk and under the passenger armrest. Be sure to review the *Installation Instructions* before removing any body panels.

2012 GL1800/A CB Radio Kit

P/N: 08E95-MCA-100B

ATV

'88-'00 TRX300/FW

'03-'06 TRX350FE/FM/TE/TM

Alternators, Match Those Components

When you replace alternator components on these models, always match the stator and flywheel by manufacturer. If the original stator is a Mitsuba, replace it with a Mitsuba. The parts catalog clearly indicates there are two manufacturers of stator/flywheel available for these models, Mitsuba or Denso. The brands differ dimensionally, and if mis-matched, will have excessive clearance or interfere, and the ignition system will not generate spark at the plug. So make sure you positively identify the alternator brand and tell your parts department to order accordingly.

All TRX-FE/TE (ESP) Models

All TRX400/500FA Models

6 Volt Shift Control Motor Test

During the troubleshooting process for a no-shift condition, you may be directed by the Service Manual to inspect the shift control motor by connecting a fully charged 12 V battery directly to the motor and note whether it turns. During normal operation the control motor receives around 5.5 volts, sometimes increasing to 12 volts, depending upon conditions. As it often turns out, 12 volts will turn a faulty shift motor

just fine, while 6 volts will not. So, if it comes down to testing the shift control motor with directly applied voltage, try a fully charged 6 volt battery and note whether the motor turns. If the motor does not turn, it is faulty. If the motor turns OK, continue troubleshooting. Additionally, a faulty shift control motor can damage the PCM, so instead of installing a known good PCM into the faulty ATV, install the suspect PCM into a known good ATV. If the known good ATV no longer shifts, you have a faulty PCM that needs to be replaced along with the shift control motor.

The Tool Chest

HDS Tester Repair

If you need out-of-warranty repairs on your HDS tester, contact PDAsmart.com. You will need to log on to their web site to print and fill out a Diagnostic Order Form. Ship your HDS tester (with the form) to them for an evaluation. Make sure to insure your package for \$2500, and ask to have it insured for the same value on the return shipment.

PDAsmart.com contact information:

Web address: www.pdasmart.com

Contact person: Marcella Vega

Phone: (512) 258-4500 ext. 302

E-mail: marcella@pdasmart.com

Shipping:

PDAsmart.com Service Center

Attention: Receiving Department

9518 Anderson Mill Rd., Ste. A

Austin, TX, 78729

Rebuild a Damaged D-type Pilot Screw Wrench

In a typically damaged pilot screw wrench, the D-slot gets flared and will no longer drive the pilot screw correctly. Until now the only way to repair a damaged D-type pilot screw wrench (T/N 07KMA-MN9A100) was to send it to AHM for a rebuild. Now the rebuild kit is available for do-it-yourself repairs, see [STN #25](#). The kit includes all necessary parts and installation instructions. To avoid damaging the D-slot, do not let the wrench assembly hang unsupported from the pilot screw.

Pilot Screw Wrench Gear Set

T/N: 07KMA-MN9A110



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