

Speed Sensor bracket help

Posted by MadConan - 10 May 2008 23:26

I noticed yesterday that the upper/right bolt for the speed sensor bracket was broken off. The car is a donor car and had the sensors removed before I bought it.

The biggest problem is I noticed this AFTER we have completely installed the clutch housing, torque tube and tranny. I had all that installed at Brent Knoll's house (can't thank him enough for the help) 2 hours away from me and I now have the car here in my garage. I do not have a lift or the extensive tools that Brent does, so I am looking for a solution that doesn't involve taking everything back off the car.

My first idea is to simply use the broken bolt as a guide pin on that end and just hold the bracket in place with the other bolt. But after looking at the tight tolerance necessary for proper engine timing, I'm thinking that it might not work very well.

Also, does anyone know how the other side actually attaches? There was/is a smooth bore collar there. Is there a specific bolt that goes through that?

HELP!

Re:Speed Sensor bracket help

Posted by joepaluch - 11 May 2008 23:57

MadConan wrote:

I'll give the one bolt option a shot and use the broken bolt as a guide pin as planned, assuming I can't get the bolt out. Thanks again!

That should work. The one bolt will hold it in place and you need the other one to prevent the entire block from rotating. Two problems can result. If the block moves down it the sensors can hit the tabs on the flywheel. Or it can move up and be too far away for the sensors to work.

Re:Speed Sensor bracket help

Posted by cullenwinter - 12 May 2008 04:00

MadConan wrote:

MadConan wrote:

That's a big help! Thanks!

Yes, I the bracket is #12 in the diagram and the bolt (#14 in the diagram) is broken off in the block. I'll try and extract it, but I'm 99% sure it isn't going to come out without drilling it out. I also had some H2O pump bolts broken off, too, that required drilling on Friday.

I'll give the one bolt option a shot and use the broken bolt as a guide pin as planned, assuming I can't get the bolt out. Thanks again! Looking at the diagram again, I see the same thing I saw at arnnworx.com/sensor_tool.htm

(see attached photos I stole from him). In the dc diagram, it shows a 3rd sensor (dia #24, reference sender/timing mark sender) going through a 3rd hole in the bracket. However, the bracket I have does NOT have that lower part (circled in attached photo). Is this a model year thing? Or is that probably broken off my bracket?