

**From:** Alexander Ballios  
**To:** Raymond DeGiorgio  
**CC:** Charles Bongiorno; Charles J. Woodrick; Alejandro Davila; Bernd Peitsch; Terry L. Meehan  
**BCC:**  
**Sent Date:** 2005-04-01 17:16:26:000  
**Received Date:** 2005-04-01 17:16:29:000  
**Subject:** Re: Ignition switch for 2007 GMX001, GMT001, GMX020  
**Attachments:**

So I should expect the passlock version of the switch for 2007 X001, T001, X020?

My first run of BCMs was built expecting the change to a passkey resistor ladder.

I'll pass this along to my team,  
Thanks,  
Alexander Ballios  
Lead BCM DRE

General Motors Corporation

[Raymond\\_DeGiorgio](#)



**Raymond DeGiorgio**  
To: Alexander Ballios/US/GM/GMC [REDACTED]  
cc: Bernd Peitsch/US/GM/GMC [REDACTED]  
Subject: Re: Ignition switch for 2007 GMX001, GMT001, GMX020 [REDACTED]  
03/31/2005 03:54 PM

Alex,  
The new switch with the 1.3 K resistor is in development and will be first introduced in the GMX 191/192/193.

Capacity to meet all these program will be an issue for '07 MY and would like to move to the new switch in '08 MY. This will be based on the platform buys into it. (i.e. willing to spend additional \$1.00)

Going to PK3+ will be my justification to for the added cost.

Raymond DeGiorgio

[Alexander Ballios](#)



**Alexander Ballios**  
To: Raymond DeGiorgio/US/GM/GMC [REDACTED] Bernd Peitsch/US/GM/GMC [REDACTED]  
cc:  
Subject: Ignition switch for 2007 GMX001, GMT001, GMX020  
03/31/2005 03:07 PM

Ray,  
Based upon the attached e-mail, I would like to verify that 2007 ignition switches will meet the 1.3k internal resistor. This is for programs X001, T001, and X020.

Thanks,  
Alexander Ballios  
Lead BCM DRE

General Motors Corporation

<b>Raymond DeGiorgio</b> 03/18/2004 01:06 PM	To: Charles Bongiorno/US/GM/GMC [REDACTED] cc: Alexander Ballios/US/GM/GMC [REDACTED] Subject: Re: ACTION REQUIRED: Ignition Switch Direction for MY06 GMX001/T00/X020
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Chuck,

I would like to move to the 1.3 K resistor in the ignition switch for the X001/T001 and the X020 Programs, however, due to proliferation of part numbers at the switch and column there are commercial issues that needs to be addressed by GM before I can forward with this. Engineering wise its not an issue but when commercial are involved things take longer than expected.

In order to meet program timing, I need to stay the course and maintain the "PassLock" Switch Version for the '06 MY.

I would like to know if the BCM and the Software could make provisions for such a change perhaps in the following Model Year i.e. '07. Is this possible or am I way out of line? There are a couple of new programs GMT191/192/193 approx 300K/ year that want to use this switch but at the same time I want to get a new switch supplier on board.

Thanks for your assistance,  
Ray DeGiorgio  
Designing Engineer  
[REDACTED]