

From: Raymond DeGiorgio
To: yyamamoto; john.b.coniff
CC: bernabe.montellano; dangelo; jaswinder.mann; joseph.joshua; kyoshioka; luisantonio.moralesarreola; 園 昌明; 山岡 道明; thama
BCC: George J Lin; Larry Allen
Sent Date: 2006-02-17 12:44:26:000
Received Date:
Subject: Re: New IGN-Switch 15886190 for Delta and Kappa
Attachments:

Hi Yamagen,
The work order number for 08MY IVER is EWO# 573556. Delphi Mechatronics is working on drawings and should be available in about three weeks. When you receive part orders from GM, please forward same to Delphi. They are ready to deliver parts to Koyo for the upcoming IVER build.

If you have any questions do not hesitate to contact me.

Ray DeGiorgio
GM-DRE



02/16/2006 06:31 PM

To: raymond.degiorgio
cc: bernabe.montellano; jaswinder.mann; joseph.joshua; luisantonio.moralesarreola; dangelo; thama; kyoshioka; michiaki.yamaoka; 園 昌明 <masaaki_son...> 山岡 道明
Subject: New IGN-Switch 15886190 for Delta and Kappa

Hi Ray,

This is the following up.

1. 08MY IVER

What work order number is for the change you wrote? Please send us the copy of it. We don't get any IVER purchase order from GM yet. Until getting it from GM, we cannot place the order to Delphi officially.

2. 11x17

Are you still working on about it?

Thanks,

YAMAGEN – Tatsuihiro Yamamoto
JTEKT North America, Inc.

--- Original Message ---

From: raymond.degiorgio on 12/22/2005 08:08
To: Tatsuihiro Yamamoto
cc: bernabe.montellano; jaswinder.mann; joseph.joshua; Koji Yoshioka; luisantonio.moralesarreola; 山岡 道明 <m.yamaoka...> Sanjay Bhatia
Subject: Re: New IGN-Switch 15886190 for Delta and Kappa

Yamagen,
In response to your email;

1. Do they aware of it?

Yes, Delphi is aware they need to support the old switch for service on all they programs. This is not new to them we have made several part number changes in the past. I am sure Koyo has gone through something similar in the past.

2. Is it possible to start getting the new switch around beginning of February 2006?

I've already made that request to Delphi, however, I need Koyo to place their IVER build orders as soon as possible so that Delphi can begin their own builds internally. The sooner Koyo Request For Quote to Delphi the faster parts will be made.

3. Is it available for 11x17 of 15886190? I cannot find it from EDIS. We need it by middle of January 2006 for making the prototypes. And it seems Math is not available yet. Please release it ASAP.
The work order was just approved. I will have math and drawing released ASAP. I will try to have drawings released by mid-January. There will be no impact to the math data. Math will be carry over.

Best Regards,

Raymond DeGiorgio
GM-Vehicle Engineering Center
Design Engineer
[REDACTED]

--- Original Message ---

Tatsuhiko Yamamoto 12/21/2005 04:18
To: Raymond DeGiorgio/US/GM/GMC [REDACTED] Luis Antonio Morales Arreola/MX/GM/GMC [REDACTED]
cc: Joseph Joshua/US/GM/GMC [REDACTED] Sanjay Bhatia [REDACTED] Bernabe Montellano/MX/GM/GMC [REDACTED] Jaswinder Mann/US/GM/GMC [REDACTED] Koji Yoshioka [REDACTED] 山岡 道明 <m.yamaoka [REDACTED]>
Subject: New IGN-Switch 15886190 for Delta and Kappa

Ray,

Thank you for your prompt reply.

Basically I understand 2003-2007MY have to use the current switch (10392423), including service.
2008MY and beyond has to be used the new switch (15886190), including service.

1. Delphi has to support 10392423 as old model years (03-07MY) service for GMX357/001/020 and GMT001, because of different value of resistor in the switch.

Do they aware of it?

2. GMT001 IV MRD is in March 6th 2006, March 20th for GMX020, April for GMX001 and May for GMX002. We need the parts about a month ahead of GM MRD. Is it possible to start getting the new switch around beginning of February 2006?

3. I agree that we have to pull new part numbers for column assemblies, lock module, lock module kits and column packages for all affected programs of 2008MY and beyond, which should be different than 2007MYs.

4. Is it available for 11x17 of 15886190? I cannot find it from EDIS. We need it by middle of January 2006 for making the prototypes. And it seems Math is not available yet. Please release it ASAP.

Thanks - and happy holidays.

YAMAGEN - Tatsuhiko Yamamoto
Koyo Steering Systems of North America, Inc.
[REDACTED]

--- Original Message ---

From: raymond.degiorgio [REDACTED]
To: Tatsuhiko Yamamoto [REDACTED]
cc: bernabe.montellano [REDACTED] joseph.joshua [REDACTED] luisantonio.moralesarreola [REDACTED] Sanjay Bhatia [REDACTED]
Date: December 21, 2005 02:12PM
Subject: Re: Replacing switch assembly for GMX001 and GMT001 in old PNs

YAMAGEN,

The new ignition switch part number 15886190 is for 2008 MY.

It will be used on all the Delta & Kapa Platforms. (Please note there is no GMX 357 - ION after 2007 MY). If there is an GMX 357 Program in 2008 they MUST use the "OLD" part number.

But, in GPDS, new switch(15886190) is used for 2005-2009MY of 3A, TA and M.
(This is not correct new part number is ONLY released for 2008 MY. I will correct when I get back.)

Can we use new switch for 2005-2007MY also, including service? The new switch can NOT be used on 2005 - 2007 MY. This includes service. IT

WILL NOT WORK. My work order only releases the new part for 2008 MY.

Do we have to wait new switch until 2008MY? Yes

Why? because the new switch has a differnt value resistor of 1.3 k ohms.

What about GMX357 (ION)? There is no ION after 2007 MY. ION will continue to use the "OLD" part number.

We are using the same current switch for ION too. The same switch will be used on the GMX 357 until 2007.

Will Delphi continue to product current switch after they started new switch? Only if GMX 357 ION continues beyond 2007.

If the new switch can be used 2005-2007MY (The new switch will not work in 2005 --- 2007 MY

Also, I don't think we have to pull new column package part numbers for GMT001. How do you think, Luis? I think you do need to release new column part number.

All of this is necessary to make sure all switches are common electrical architecture.

Happy Holidays ALL Talk to you in the next year.

Raymond DeGiorgio
GM-Vehicle Engineering Center
Design Engineer
[REDACTED]

--- Original Message ---

Tatsuhiro Yamamoto 12/21/2005 12:05 PM

To: Raymond DeGiorgio/US/GM/GMC [REDACTED] Luis Antonio Morales Arreola/MX/GM/GMC [REDACTED]

cc: Joseph Joshua/US/GM/GMC [REDACTED] Sanjay Bhatia [REDACTED] Bernabe Montellano/MX/GM/GMC [REDACTED]

Subject: Replacing switch assembly for GMX001 and GMT001 in old PNs

Ray,

I checked your work order and GPDS through APM. You mentioned only 2008MY in WO#573556/CFAMG.

But, in GPDS, new switch(15886190) is used for 2005-2009MY of 3A, TA and M.

Which is correct information? Can we use new switch for 2005-2007MY also, including service? Do we have to wait new switch until 2008MY? Why?

What about GMX357 (ION)? We are using the same current switch for ION too.

Will Delphi continue to product current switch after they started new switch?

If the new switch can be used 2005-2007MY also, I don't think we have to pull new column package part numbers for GMT001. How do you think, Luis?

Thanks,

YAMAGEN - Tatsuhiro Yamamoto
Koyo Steering Systems of North America, Inc.
[REDACTED]

--- Original Message ---

From: Luis Antonio Morales Arreola on 12/20/2005 04:56 PM

To: Tatsuhiro Yamamoto/US/GM/GMC [REDACTED] Raymond DeGiorgio/US/GM/GMC [REDACTED]

cc: Bernabe Montellano/MX/GM/GMC [REDACTED] Joseph Joshua/US/GM/GMC [REDACTED]

Subject: Re: Replacing switch assembly for GMX001 and GMT001 in old PNs

Hi Yamagen,

It will be necessary to open other productive WO to change the four column package part numbers in order to include the new ignition switch part number.

Also it is necessary to add to Marco Antonio Becerril in Edit and Proc status in order to he is aware of the change and he can update the BOMs accordingly.

Ray,

Just to confirm, are we going to use the new switches for Integration vehicles 2008 MY ?

Any comment, please let me know

Best Regards

--- Forwarded by Luis Antonio Morales Arreola/MX/GM/GMC on 12/20/2005 03:48 PM ---

Raymond DeGiorgio 12/20/2005 09:54 AM

To: Luis Antonio Morales Arreola/MX/GM/GMC [REDACTED]

cc: Joseph Joshua/US/GM/GMC [REDACTED] Marco Antonio Becerril Serrano/MX/GM/GMC [REDACTED] Tatsuhiro Yamamoto/US/GM/GMC [REDACTED]

Subject: Re: Replacing switch assembly for GMX001 and GMT001 in old PNs

Luis,

You are correct the new ignition switch part number "15886190.AA" applies to ALL the steering column assemblies. The "OLD" part number 10392423 will become obsolete after 2007 MY.

Please ensure all your column assemblies include the new part number.

Its important for Koyo to ensure the new switch design (15886190) is used on their columns, otherwise there will be several No Start Vehicles in the GM-Assembly plant.

Best regards,
Feliz Navidad

Raymond DeGiorgio
GM-Vehicle Engineering Center
Design Engineer
[REDACTED]

--- Original Message ---

Luis Antonio Morales Arreola 12/20/2005 09:39 AM

To: Raymond DeGiorgio/US/GM/GMC [REDACTED]

cc: Joseph Joshua/US/GM/GMC [REDACTED] Tatsuhiro Yamamoto/US/GM/GMC [REDACTED] Marco Antonio Becerril Serrano/MX/GM/GMC [REDACTED]

Subject: Replacing switch assembly for GMX001 and GMT001 in old PNs

Hi Ray,

You are replacing the switch assembly for X001 and T001 with WO 573556/CFAMG, but in the old PNs for GMX001 and GMT001, please take a look of following information:

For GMT001

Current PN 10392423 (This PN was POA of 15806193 not of 15798895 as is indicated in your WO. PN 15806193 was replaced for 15892015 WO 538608/CBJRL)

New PN 15886190

Next Up 15798895 (This PN was replaced for NPN 15892011 with WO 538608/CBJRL)

Current PN 10392423 (This PN was POA of 15806194 not of 15798895 as is indicated in your WO. PN 15806194 was replaced for 15892014 WO 538608/CBJRL)

New PN 15886190

Next Up 15798894 (This PN was replaced for NPN 15892010 with WO 538608/CBJRL)

Beside, two new PNs (steering column package) were added with the same WO, 15892008 and 15892009.

For 2008 MY we are going to have four steering column package, difference between them is the steering angle sensor included.

PNs 15892008 and 15892009 have steering angle sensor.

PNs 15892010 and 15892011 do not have steering angle sensor.

I think, your change should be apply for the 4 steering column package.

For GMX001

Current PN 10392423

New PN 15886190

Next Up 10394221 (This PN was replaced for NPN 15880733 with WO 572749/CDTCT)

Current PN 10392423

New PN 15886190

Next Up 10394220 (This PN was replaced for NPN 15880732 with WO 572749/CDTCT)

Two NPNs were added for 2008 MY, 15860313 and 15860314 with WO 544947/CBSXB), same situation as GMT001, these PN's have steering angle sensor included as POA.

Any comment, please let know

Best Regards