

From:
Sent:
To:
Cc:

Subject:
Attachments:

Glenn-

DFMEA for the 1G Liftgate IP switch.

Thanks,

Can you also provide the interface analysis and DFMEA for the IP switch?

Best Regards

Glenn Reed

格伦·里德

Technical Expert, EDS CAE Methods & Tools

Advanced Vehicle Tech. Bldg. #5

email: greed2@ford.com

Tel (313) 805-6882

From: Chehab, Ahmad (A.) <achehab1@ford.com>

Sent: Tuesday, January 26, 2021 10:47 AM

To: Reed, Glenn (.) <greed2@ford.com>

Cc: Orr, Krista (K.) <korr3@ford.com>; Lavarias, Walter (W.J.) <wlavaria@ford.com>; Lunn, Malcolm (M.W.) <mlunn@ford.com>; Szczepaniak, Gerard or G (G.) <gszczepa@ford.com>

Subject: RE: Super Duty IP Switch

Glenn-

Boundary Diagram attached.

Thanks,

From: Reed, Glenn (.) <greed2@ford.com>
Sent: Tuesday, January 26, 2021 8:19 AM
To: Chehab, Ahmad (A.) <achehab1@ford.com>
Cc: Orr, Krista (K.) <korr3@ford.com>; Lavarias, Walter (W.J.) <wlavaria@ford.com>; Lunn, Malcolm (M.W.) <mlunn@ford.com>; Szczepaniak, Gerard or G (G.) <gszczepa@ford.com>
Subject: RE: Super Duty IP Switch

Hi Ahmad,

I hope you are well.

I'm sending you an example to assist you in updating your response.

Do you have a diagram similar to the one include in the tailgate switch response such as your boundary diagram from FMA?



Best Regards

Glenn Reed

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From: Chehab, Ahmad (A.) <achehab1@ford.com>
Sent: Thursday, January 21, 2021 9:44 AM
To: Reed, Glenn (.) <greed2@ford.com>
Cc: Orr, Krista (K.) <korr3@ford.com>; Lavarias, Walter (W.J.) <wlavaria@ford.com>
Subject: RE: Super Duty IP Switch

Glenn-

Attached is the SDSQ doc. I answered the questions in it to the best of my ability from a switch standpoint.

Thanks,

From [REDACTED]

Sent: Tuesday, January 12, 2021 12:09 PM

To: Reed, Glenn (.) <greed2@ford.com>

Cc: Orr, Krista (K.) <korr3@ford.com>; Lavarias, Walter (W.J.) <wlavaria@ford.com>

Subject: RE: Super Duty IP Switch

Glenn-

This is where 5D/8D's come in from the supplier after they root cause analysis the returned part in question.

Thanks,

From: Reed, Glenn (.) <greed2@ford.com>

Sent: Tuesday, January 12, 2021 11:51 AM

To: Chehab, Ahmad (A.) <achehab1@ford.com>

Cc: Orr, Krista (K.) <korr3@ford.com>; Lavarias, Walter (W.J.) <wlavaria@ford.com>

Subject: RE: Super Duty IP Switch

[REDACTED]

We are trying to determine the root cause(s) for the unintended tail gate openings on the F150 and P558.

Best Regards

Glenn Reed

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From: Chehab, Ahmad (A.) <achehab1@ford.com>

Sent: Tuesday, January 12, 2021 11:42 AM

To: Reed, Glenn (.) <greed2@ford.com>

Cc: Orr, Krista (K.) <korr3@ford.com>; Lavarias, Walter (W.J.) <wlavaria@ford.com>

Subject: RE: Super Duty IP Switch

Glenn-

This doc is looking to solve a problem. What switch problem am I trying to solve so I can answer correctly.

Thanks,

From: Reed, Glenn (.) <greed2@ford.com>
Sent: Tuesday, January 12, 2021 11:35 AM
To: Chehab, Ahmad (A.) <achehab1@ford.com>
Cc: Orr, Krista (K.) <korr3@ford.com>; Lavarias, Walter (W.J.) <wlavaria@ford.com>
Subject: RE: Super Duty IP Switch

Hi Ahmad,

Answer the questions related to the inputs/outputs for switch and the system environment.

Please provide detail information about the signal sent to the BCM to energize the relay that completes the circuit to actuate the solenoid that unlatches the tailgate.

The switch FMA documentation such as the boundary diagram, interface analysis and DFMEA should contain answers to questions.

Best Regards
Glenn Reed

格伦·里德

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Tel (313) 805-6882

From: Chehab, Ahmad (A.) <achehab1@ford.com>
Sent: Tuesday, January 12, 2021 11:13 AM
To: Reed, Glenn (.) <greed2@ford.com>
Subject: FW: Super Duty IP Switch

Hello Glenn-

I received this document from Darrin/Krista. What are you exactly looking for from a switch standpoint?

Thanks,

From: Bartlett, Darrin (D.) <dbartlet@ford.com>
Sent: Wednesday, January 06, 2021 8:51 AM
To: Chehab, Ahmad (A.) <achehab1@ford.com>; Lavarias, Walter (W.J.) <wlavaria@ford.com>
Cc: Orr, Krista (K.) <korr3@ford.com>
Subject: FW: Super Duty IP Switch

Probably need to get Ahmad involved with this. I sent the meeting notes to him from yesterday's call. Although I'll say this is kind of a confusing document, in terms of what they are looking for us to answer on it...

Thank you,

Darrin J. Bartlett

Switch Applications Engineer
P708 P558 H567 VN127 F5X
Ford Motor Company
(313) 806-3293
dbartlet@ford.com



From: Reed, Glenn (.) <greed2@ford.com>
Sent: Wednesday, January 6, 2021 8:48 AM
To: Orr, Krista (K.) <korr3@ford.com>; Bartlett, Darrin (D.) <dbartlet@ford.com>; Lavarias, Walter (W.J.) <wlavaria@ford.com>; Gabrielli, Domenico (.) <dgabriel@ford.com>; Raval, Jody (J.) <jraval1@ford.com>
Subject: RE: Super Duty IP Switch

Hi Krista,

Good morning and happy Weds.

Attached are the questions to be answered.

This is an shortened list that is typically used in an iterative manner.

Best Regards
Glenn Reed

格伦·里德

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email: greed2@ford.com
Tel (313) 805-6882

From: Orr, Krista (K.) <korr3@ford.com>
Sent: Tuesday, January 5, 2021 11:02 AM
To: Bartlett, Darrin (D.) <dbartlet@ford.com>; Lavarias, Walter (W.J.) <wlavaria@ford.com>; Gabrielli, Domenico (.) <dgabriel@ford.com>; Reed, Glenn (.) <greed2@ford.com>; Raval, Jody (J.) <jraval1@ford.com>
Subject: RE: Super Duty IP Switch

Domenico,

Yes, the switch is released by our group.

Regards,

Krista Orr
Korr3@ford.com
Switch Applications Supervisor
313-701-4644

From: Bartlett, Darrin (D.) <dbartlet@ford.com>
Sent: Tuesday, January 5, 2021 10:55 AM
To: Orr, Krista (K.) <korr3@ford.com>; Lavarias, Walter (W.J.) <wlavaria@ford.com>
Subject: RE: Super Duty IP Switch

It is. Methode 1-gang switch, simple on/off switch.

Thank you,

Darrin J. Bartlett

Switch Applications Engineer
P708 P558 H567 VN127 F5X
Ford Motor Company
(313) 806-3293
dbartlet@ford.com

<< OLE Object: Picture (Device Independent Bitmap) >>

From: Orr, Krista (K.) <korr3@ford.com>
Sent: Tuesday, January 5, 2021 10:45 AM
To: Lavarias, Walter (W.J.) <wlavaria@ford.com>; Bartlett, Darrin (D.) <dbartlet@ford.com>
Subject: FW: Super Duty IP Switch

Hi Walt,

Is the tailgate switch our release?

Regards,

Krista Orr
Korr3@ford.com
Switch Applications Supervisor
313-701-4644

From: Gabrielli, Domenico (.) <dgabriel@ford.com>
Sent: Tuesday, January 5, 2021 10:32 AM

To: Orr, Krista (K.) <korr3@ford.com>

Subject: Super Duty IP Switch

<< OLE Object: Picture (Device Independent Bitmap) >>

Domenico Gabrielli, P.E.

313-390-5511

Automotive Safety Office

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