

XOS Technical Service Bulletin

Bulletin No.: TSB-002-22

Date: 10/24/2022

Subject: Turn Signal & Hazard Indicators Inoperative

Applicability: All 2021-2022 Xos SV05 Trucks

Service Category: Lights

Section: Flasher Relay

Market: USA and Canada

Introduction:

Some 2021-2022 Xos SV05 Step Van customers may report concerns of turn signal pilot indicators remaining illuminated, with inoperative turn signal and hazard lamps. Follow the repair procedure below to resolve this concern.

Repair Procedure Overview:

1. Confirm the customer's concern
2. Inspect and correct vehicle harness connections as needed
3. Replace the flasher relay
4. Confirm proper turn signal and hazard indicator operation

Vehicle Applicability:

Model Year	Model	Body Application
2021 - 2022	SV05 Class 5 Step Van	Morgan Olson

Warranty Information:

Model	Operation Code	Operation Description	Time (Hours)	Impacted Part #
SV05	06115	R & R Flasher Relay	0.4	VN00-NB-M0273

Parts Information:

Part Number	Part Name	QTY
VN00-NB-M0273	Flasher Relay	1
HD10-HH-M0356	4" Cable Tie	1

Repair Procedure:

1. Confirm the customer's concern. The turn signal indicators on the instrument cluster are always ON (Image 1). Neither turn signals or the emergency flashers are operable. Replacement of the relay flasher is required to resolve the customer concern.



Image 1 - Both turn indicators are always ON

2. Remove the flasher relay assembly located as shown in Images 2 and 3 by disconnecting the terminal connections and loosening the ground screw.

HINT: It is not necessary to completely remove the ground screw.



Image 2 - Behind steering column support & lower instrument cluster



Image 3 - Harness can be located on this side of the steering column

3. Identify the wire and terminal labeled "T7". Secure this wire and terminal away from the flasher relay. Use the cable tie and secure T7 to the harness, it will not be reused.

NOTE: Reconnecting terminal T7 to the replacement flasher relay may result in premature failure of the new part.

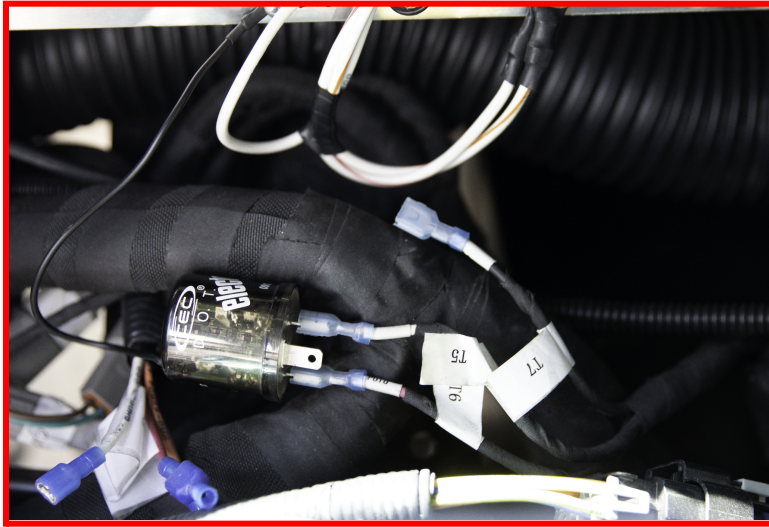


Image 4: Flasher Relay with terminal “T7” properly removed

4. Install the new flasher relay, connecting the ground terminal, T5 & T6 as shown in Image 5
 - T5 is connected to terminal “L” of the flasher relay
 - T6 is connected to terminal “X” of the flasher relay
 - Terminal “P” of the flasher relay is NOT used

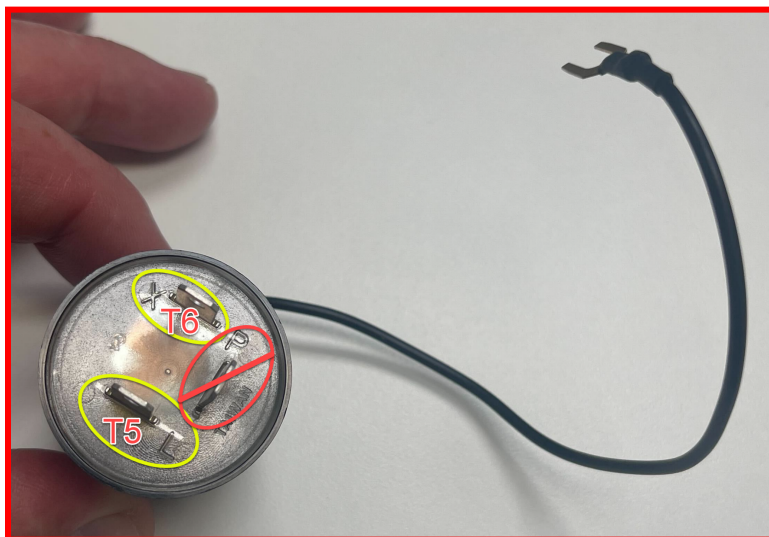


Image 5: Flasher Relay terminals and related vehicle connection

5. Route the replacement flasher relay and harness back into their original position behind the steering column and instrument panel.
6. Confirm proper operation of the turn signal and hazard indicators.