

October 15, 2025***XSeries Gen2 Headlight & Taillight Connections***

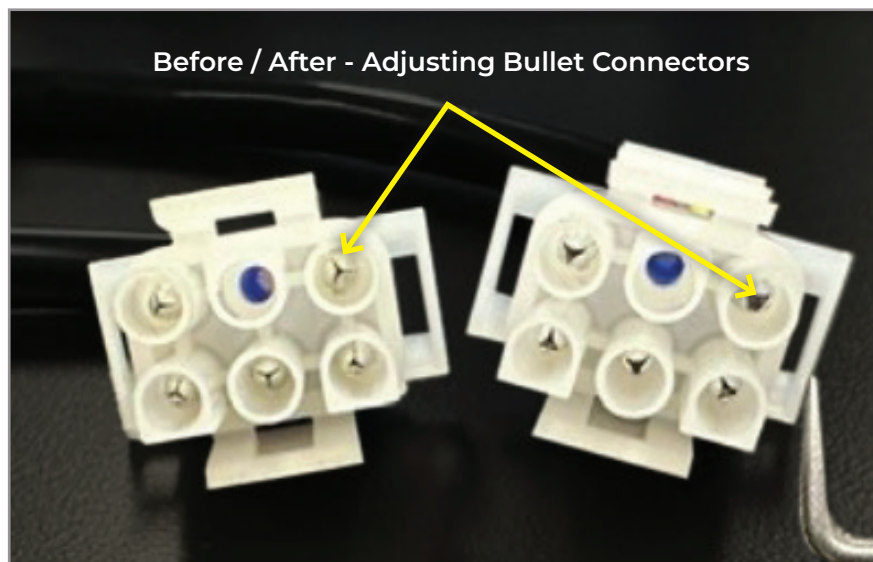
Applies to: XSeries vehicles with flickering head/taillights
Date: 10/15/2025

Overview: Some XSeries vehicles have experienced one or more headlights / taillights flickering while driving.

Issue Description: It has been found that there have been some terminals not fully installed into the connector, as well as some connectors not fully locked together.

Required Action: The XSeries® harness uses female bullet terminals, while the light assemblies use male bullet terminals. First, inspect both connections/terminals to verify the terminals are pushed all the way into the connector housing, and confirm that they are clean and free of corrosion. If all the terminals are properly installed, you may need to improve the contact between the two terminals to assure a quality connection.

Tighten the connection between the two terminals by spreading the male bullet terminal out slightly as shown below. This can easily be done by using a sharp pick. Insert the pick into the end of the male bullet terminal, and gently insert into the center. This will equally spread the bullet terminal out and expand the diameter improving the connection to the female terminal.



Expanding the male bullet connectors to improve terminal connection of the taillights can also be done for the headlights. Do not open the bullet terminal too far as this will impede the male terminal from going into the female terminal, damaging them. It will only take a small amount of opening the male terminal to improve the connection between the two terminals.

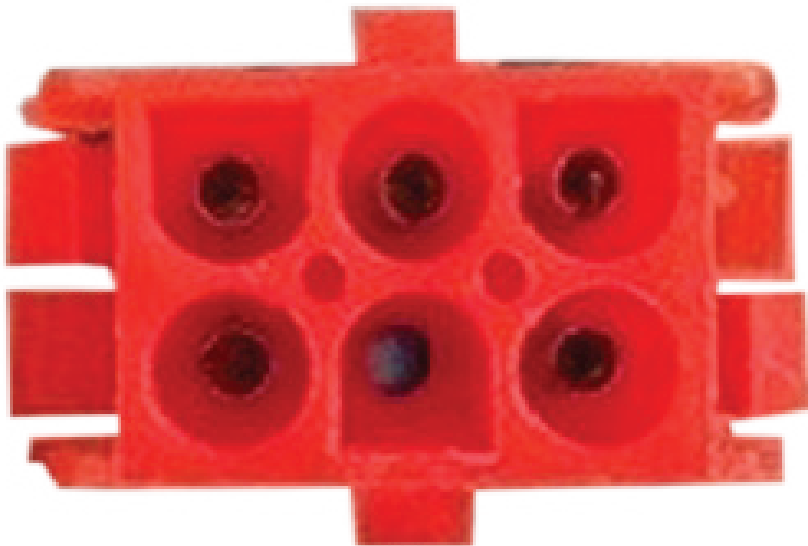
Verify the female terminals are not bent out of shape or damaged. If they are, use a terminal removal tool to carefully reshape it. Make sure not to dislodge the terminal and push it out.

ID: 2.7mm
(0.106")

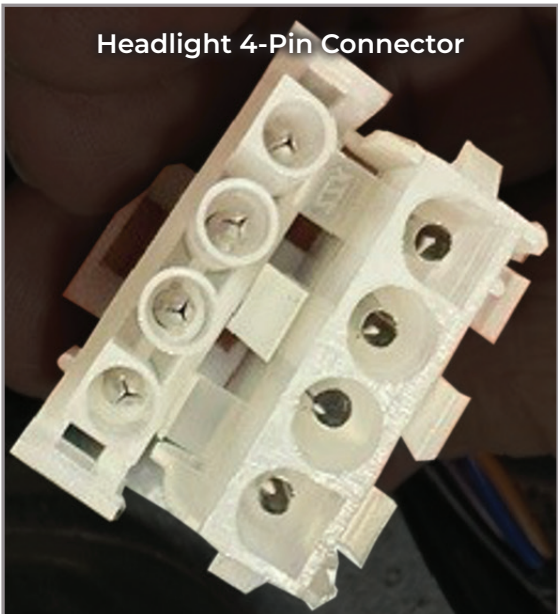


Example of Terminal
Removal Tool

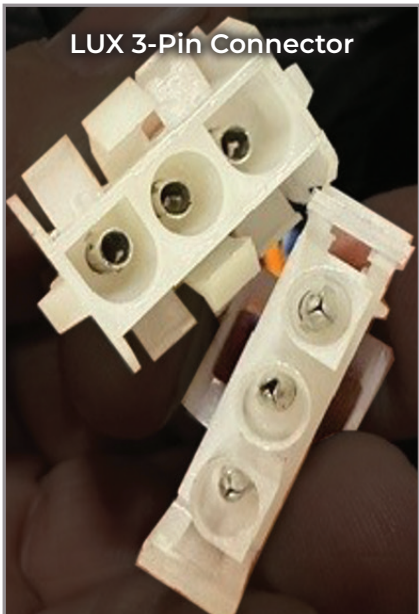
Taillight 5-Pin Connector



Headlight 4-Pin Connector



LUX 3-Pin Connector



The headlights use a 4-pin connector for lights and turn signal, while the LUX lights use a 3-pin connector. Taillights use a 5-pin connector. Depending on what light connection is flickering, it is possible to narrow down which terminal may need to be inspected.

Headlight (4-Pin Connector)		Taillight (5-Pin Connector)	
#25	Ground / Black	#25	Ground / Black
#20 / #21	Turn Signal / Yellow	#48	Tail / Grey
#45	High Beam / Red	#13	Reverse / Yellow
#14	Low Beam / Grey	#20 / 21	Turn / Pink or Purple
		#18 or #40	Brake / White or Orange

Small amounts of Dielectric grease can help keep the connections from being contaminated with corrosion. It is okay to use it sparingly but is not required.

NOTE: Make sure the power to the Headlights and Taillights is off when inspecting the connections, as damage to the circuit may occur. Never touch the terminals together or to ground.