



# General Motors Upfitter Integration

Issue Date: February 2016

## THE UPFITTER NEWS REVIEW

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### 2016 NTEA Work Truck Show

During the 2015 Work Truck Show there was an initiative to really understand how GM can make our trucks more upfitter ready. General Motors Fleet and Commercial Full-Size Truck Product Manager, Dan Tigges, led a team of GM Product Engineers in this effort by meeting with a number of Upfitters to gather and compile recommendations. During the 2016 NTEA Work Truck Show members of the 2015 team are planning to visit a smaller group of those visited last year and will talk about the changes that are being considered in future model years and product lines, and how these might benefit upfitters. We plan to make this an annual event at the show and plan to visit varying upfitter market segments each year in our efforts to provide to you a comprehensive upfitter friendly vehicle.

### Snow Plow Concern

General Motors has identified some trucks equipped with option VYU [Snow Plow Prep] and a snow plow, may exhibit occurrences in which the Instrument Panel Cluster (IPC), Radio and HVAC displays may “blank out” or reset after changing the snow plow position. This condition is caused by a system voltage over-shoot phenomenon called ‘load dump’. When the large electrical draw of the plow pump motor is suddenly removed the field energy that is built up in the alternator causes a system voltage overshoot that momentarily moves above the normal design operating levels for the module displays. As a result the displays will shut down or reset causing the momentary blank out condition. The modules are designed to do this and immediately recover. No modules should be replaced for this condition. Please refer to latest revision of UI Bulletin #124 for details on how to minimize this condition (<https://www.gmupfitter.com/files/media/photo/695/UI%20Bulletin%20124b.pdf>)



## New Product Introduction: Chevrolet Low Cab Forward (LCF)

Coming for the 2016 model year are the versatile Chevrolet Low Cab Forward Trucks, available in a 3500, 4500 and 3500 HD models. These LCF truck configurations for the 3500 and 4500 models will be regular and crew cabs and for the 3500 HD will have a regular cab only.

The 3500 HD will be powered by the proven ISUZU in line, turbo-charged diesel engine. The 3500 and 4500 will in turn be powered by the 6.0L V-8 gasoline engine manufactured by GM Powertrain.

These highly maneuverable trucks come with features that will make upfitting easier with General Motors durability assured.

For the 2017 model year the product line grows with increased capacities, a wider variety of cab configurations and added power-train options. More to come on the 2017 product line up soon



### Upfitter Integration Mission Statement:

*The primary role of the General Motors Upfitter Integration group is to provide technical assistance to the hundreds of upfitters in the field who regularly modify our vehicles for a wide variety of commercial applications. The assistance could be in the form of anything from an electrical schematic, to providing dimensional data, or guidelines for lengthening a frame rail.*



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## THE UPFITTER NEWS REVIEW

### Upfitter Integration – Website Evolutions

The GM Upfitter Integration website continues to grow and expand to meet your needs. We have made a few changes to make finding the information easier and faster for you the upfitters. One of the changes made is that we have added a new tab at the top of the site to which will now provide generic (non-VIN specific) Incomplete Vehicle Documents (IVDs). Clicking on the tab will present a drop down selection menu for you to select the model year of IVD(s) you are looking for. Upon selection of a model year, each of the applicable PDF formatted IVDs will be shown for you to view and/or download. Complete instructions for obtaining VIN specific IVDs are also provided on this page.

We have also made changes to our Contact Us page/form. We have added the required field of “Information Changed?”. This new entry help us insure we have the latest contact and mailing address information to enable prompt delivery of any math data CDs or return contact for inquiries. A “YES” response prompt us to update your information in our database. We have also added the requirement to complete our short form Export Compliance and Non-Disclosure agreement anytime math data is being requested or if the inquiry is being made by a requester outside the U.S. This forced response maintains our Corporate and Governmental requirements regarding information we share with you.

Lastly we are transitioning our vehicle selection menu options. In the past we presented the vehicle selections by the model designation character (e.g. C/K pick-ups). We now present the vehicle’s make/model names followed by the designation character (e.g. Chevrolet Silverado/GMC Sierra Pick-ups (C/K). We have found this to minimize the number of incorrectly identified vehicles when contacting us and when searching for documents for the models, we hope it will provide you, the user, a better interactive experience.

### Upfitter Integration – Technical Bulletins:

Listed below are Upfitter Integration Technical Bulletins that have either been released or revised since our last publication. Please visit the Technical Bulletins page on our website for complete details.

- 110j: **Upfitter Auxiliary Switches (RPO 9L7)**
- 112b: **Cooling System Filling Procedure For Vehicles Equipped With an Rear Auxiliary Heater**
- 113c: **Rear Lighting Junction Block Connections 2014-15MY**
- 115c: **Upfitter Circuit Provisions**
- 117: **Improper Engine Block Heater (Option K05) Usage - Continuous Power**
- 120c: **Power Take Off (PTO) Operating Description and Application Guide**
- 122: **CHMSL/Cargo Lamp Wiring For Aftermarket Bed Cap Topper**
- 123: **Roof Beacon (TRW) Switch Wiring Location/Access**
- 124b: **Intermittent Cluster, Radio and HVAC Display Resets on Snow Plow Trucks**
- 126 : **Optimizing Vehicle Trim Height**
- 127d: **Adding/deleting a Rear View Camera**
- 128b: **One or more Exterior Lighting Functions Inoperative - Headlamps High/Low Beam, Hazard Lamps, Park Lamps, Stop Lamps**
- 129: **Rear Chassis Electrical Upfitter Connections—2016MY**



#### We Mean Business:

Versatility meets performance, efficiency, and technology in every Chevrolet commercial vehicle. With a proven lineup of dependable trucks and vans – including the Colorado, Silverado, Express, and City Express – Chevrolet offers the strength your business needs to get any job done.