



# New Product Bulletin

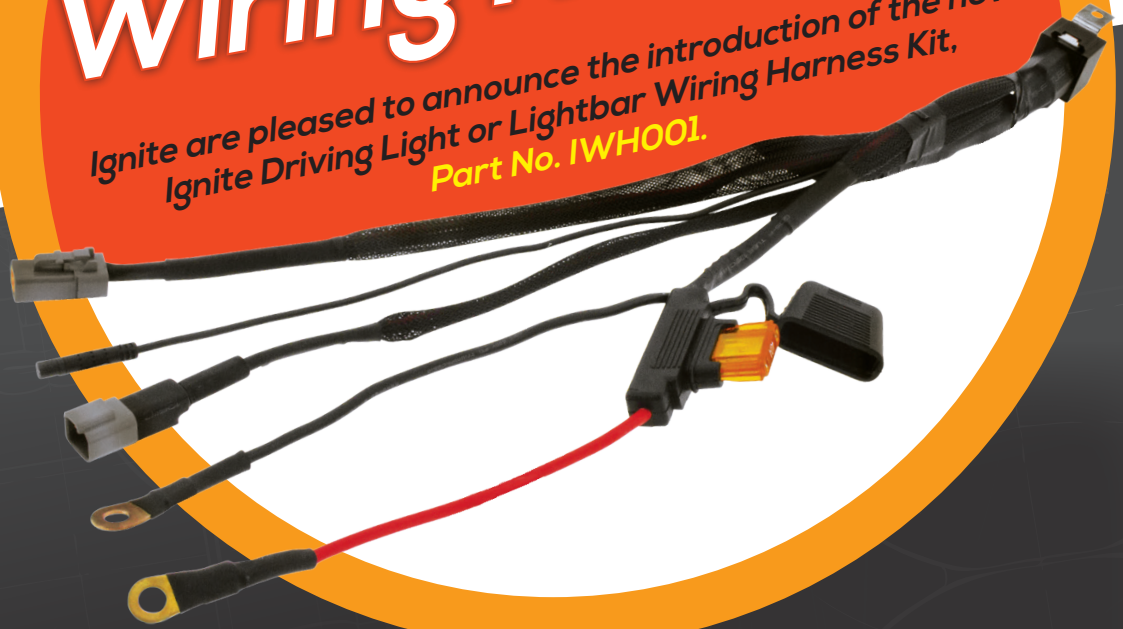
**No.31 - 2017**

- Air Conditioning
- Electrical Accessories
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## Driving Light Wiring Harness

Ignite are pleased to announce the introduction of the new  
Ignite Driving Light or Lightbar Wiring Harness Kit,  
Part No. **IWH001**.



The Ignite Driving Light Wiring Harness Kit along with its accessories, is the most comprehensive Driving Light wiring kit to be released to date and is specifically designed to install any of the Ignite Driving Lights, Lightbars or Worklamps to your vehicle.

It is a complete Premium Heavy Duty Wiring Harness kit that features easy "Plug and Play" connections via a range of adaptor harnesses for a quick do-it-yourself installation. It's as simple as 1,2,3... providing multiple lighting combinations to be all plugged into the one harness. All components are of high quality fittings to ensure a professional finish and enable tool-free

fitment. No tools, no experience required for fast and easy universal fitment.

Supplied with a 12 Volt 60amp Relay mounted on a pre-wired base with further electronics enclosed, allowing the wiring harness to be suitable for both Positive or Negative switched vehicles. The wiring harness leads are enclosed in Flexible Braided Tubing thus allowing for easy pull-through firewalls or grommets and also providing complete protection against the wires being accidentally pinched or cut.

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## Connections

There are five separate leads that split away from the relay and its mounting base, they are all clearly labelled of their required connections and they are;



### 1 x Power Supply Lead (Red wire)

The power supply lead has an inline weatherproof Maxi Blade Fuse Holder containing a 40amp Fuse along with a terminated eyelet terminal providing simple installation to the Battery Positive Terminal.

### 1 x Earth Lead (Black wire)

The earth lead is also supplied with a terminated eyelet terminal for easy connection to the Battery Negative Terminal.



### 1 x Headlamp Lead with a Female Deutsch connector.

The headlamp lead connects to all of the different Headlamp Adaptor Harness Kits, allowing for the Lights to function with the High Beam circuit (refer to application listing for the range of different Headlight Adaptors).



### 1 x Lamps Lead with Male Deutsch connector

The lamps lead provides connection to the driving lamps or lightbar via an adaptor harness (refer to application listing for the range of different adaptor harnesses depending on what type of lamp is being installed). If you are installing a Large Lightbar (ILB600, ILB800, ILB900, ILBC600, ILBC900 or ILBC1300) then this plug will directly connect to the Deutsch connector on the Lightbar.



### 1 x Switch Lead with small plug

The switch lead connects the Rocker switch that is included in the kit. It provides manual On/Off operation of the lights. The small plug on the lead is ideal in providing easy access to pull the lead through a firewall grommet and also allowing the installer the ability to use an existing grommet without having to drill any further holes in the firewall.



The Wiring Harness is also supplied with an On/Off Blue LED Illuminated Rocker Switch that has a Driving Light imprint on the actuator. The Rocker Switch also comes pre-wired with 500mm of wire protected by small convoluted tubing, as well as the matching small plug to connect into the main wiring loom.



Another Switch loom is further included. It is similar in appearance to the previous switch loom mentioned but comes with no switch and is supplied with a male green plug. This switch loom is for the customer who prefers to use an OE Push Button Switch (refer to application listing for the range of OE Switches) and does not want to use the Rocker Switch supplied in the kit. Again, this loom has the matching small plug to connect into the main wiring loom.



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There are six different Headlamp Adaptor Kits that provide simple plug in connection in between the driving light harness and the High Beam headlight globe of the vehicle. There is also one universal headlamp adaptor kit. These Headlamp Adaptor Kits, allow for the driving lights or lightbar to legally function with the High Beam circuit of the vehicle.

A comprehensive vehicle application guide listing is available, providing a complete and easy identification of the headlight globe type used for each particular vehicle. It's that simple, look up your vehicle application and purchase the appropriate Headlamp Adaptor Kit.

Headlamp Adaptor Kits

The Headlamp Adaptor Kit Part Numbers are;



**IWH006**  
H1 Headlight Adaptor Kit



**IWH005**  
H4 Headlight Adaptor Kit



**IWH008**  
H7 Headlight Adaptor Kit



**IWH009**  
H91 Headlight Adaptor Kit



**IWH007**  
HB3 Headlight Adaptor Kit



**IWH014**  
HB4 Headlight Adaptor Kit

**IWH013**  
Universal Headlight Adaptor Kit suits vehicles with \HID or LED Headlights.





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## Lights Harness Adaptor Kits

Whether you are installing Driving Lights or a Lightbar or Driving Lights with a Lightbar or even multiple Lightbars, there are a further six different adaptor harnesses to use depending on what your lighting requirements are. All of these Adaptor harnesses simply plug in between the Driving Light Harness and the lights you wish to install.

A comprehensive lighting application guide listing is also available, providing a complete and easy identification of the parts required to complete the lighting installation to your vehicle. Again, it's that simple, look up your lighting application and purchase the appropriate Harness Adaptor Kit.

The Harness Adaptor Kits Part Numbers are;



### IWH002

#### Driving Lights Y Harness Adaptor Kit

This Y Harness allows you to install 2 x Driving Lights or alternatively 2 x Small or Medium Lightbars (ILB80, ILB150, ILB300 or ILB450).



### IWH003

#### Driving lights and Lightbar W Harness No. 1 Adaptor Kit

This W Harness allows you to install 2 x Driving Lights and 1 x Small or Medium Lightbar (ILB80, ILB150, ILB300 or ILB450).



### IWH004

#### Driving lights and Lightbar W Harness No. 2 Adaptor Kit

This W Harness allows you to install 2 x Driving Lights and 1 x Large Lightbar (ILB600, ILB800, ILB900, ILBC600, ILBC900 or ILBC1300). A 60amp Fuse is also supplied because this application will exceed the load limit of the 40amp fuse supplied standard in the IWH001 Driving Light Harness kit.

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## IWH010

### 4m Extension Harness

This 4m Extension Harness provides sufficient loom length for you to install Driving Lights or a Lightbar on the roof of your vehicle or even on the rear sports bar in utility applications. It does come with a terminated Deutsch connector on the lamp end because of the access requirements to drill holes for example on the rear sports bar of a utility.



## IWH011

### Harness Adaptor - Large Plug down to Small Plug

This Deutsch plug adaptor harness is primarily for those who wish to install 1 x Small or Medium Lightbar (ILB80, ILB150, ILB300 or ILB450) to their vehicle and require the smaller Deutsch connector, as the IWH001 Driving Light Harness comes with the large Deutsch plug to suit the larger variety of Lightbars.

## IWH012

### Headlight Extension Harness

The Headlight Extension Harness is for the user who wishes to use 2 x IWH001 Driving Light harnesses for two separate circuits in their vehicle, providing the ability to reach the other headlight in the vehicle and to connect a second Headlight Adaptor kit.





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## OE Push Button Switches

As previously mentioned, the Wiring Harness is supplied with an On/Off Blue LED Illuminated Rocker Switch with loom or another Switch loom that has a male green plug that does not come with a switch, this additional switch loom (with the male green plug) is for the OE Push Button Switches (refer to the application listing for the range of OE Switches).

There are 33 x OE Push Button Switches in the Ignite range to suit the Driving Light Harness. They are a direct fit for different vehicle applications, covering vehicles such as;

- Holden Colorado
- Isuzu D-Max / MU-X
- Toyota Landcruiser, Hilux, Prado, FJ Cruiser, RAV4
- Nissan Navara, Pathfinder, Patrol, X-Trail
- Mitsubishi Pajero, Triton, Challenger, Outlander

The OE Push Button Switches are ideal for the customer who does not want to modify the vehicles dash. Most vehicles already

have an allocated space available for fitting more switches and they are normally covered by a simple blanking plate. The advantage with the OE Push Button Switches is that they will match or look similar to the existing switches already fitted in the vehicle and save the installer unnecessary time wasted drilling further holes. With LED Illumination and a symbol denoting the exact lighting application installed, they provide a clean and professional finish to the installation for your driving lights or lightbars.

Most of the OE Switch range have the matching illumination to that of the vehicles existing dash illumination or in some instances an alternative illumination colour is available. You will find three different Lighting Symbols available; Driving Lights, LED Lightbar and Roof Lamps. They are all 12 Volt, Single Pole, Single Throw (SPST), On/Off Push activation Switches.

The Ignite OE Push Button Switch range is:-



### ISW000 Shown

PART NO.	SYMBOL	ILLUMINATION COLOUR	APPLICATION
ISW000	Driving Light	Blue	Isuzu D-MAX & MU-X 06/2012 - 08/2016 Holden Colorado 06/2012 - on
ISW010	Lightbar	Blue	
ISW020	Roof Lamp	Blue	



### ISW110 Shown

PART NO.	SYMBOL	ILLUMINATION COLOUR	APPLICATION
ISW100	Driving Light	Blue	Mitsubishi Pajero - "Not 2016 Model" Mitsubishi Triton - "Not current Model" Mitsubishi Outlander Mitsubishi Lancer Mitsubishi ASX
ISW101	Driving Light	Red	
ISW110	Lightbar	Blue	
ISW111	Lightbar	Red	
ISW120	Roof Lamp	Blue	
ISW121	Roof Lamp	Red	



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## ISW220 Shown



PART NO.	SYMBOL	ILLUMINATION COLOUR	APPLICATION
ISW200	Driving Light	Amber / Green	Nissan Navara D40 2008 - 2014 **Will suit some of the switch blanks in the Centre Console of the new NP300 Navara**
ISW210	Lightbar	Amber / Green	Nissan Pathfinder R51 2005 - 2012 Nissan Patrol GU4-8 2000 - 2012, Nissan Patrol Y61 and Y62 2013 - Current Nissan X-Trail T31 2007 - 2013
ISW220	Roof Lamp	Amber / Green	



## ISW300 & IWH 300 Shown

PART NO.	SYMBOL	ILLUMINATION COLOUR	APPLICATION
ISW300	Driving Light	Amber / Green	Nissan Navara NP300 2015 - on
ISW310	Lightbar	Amber / Green	Nissan Pathfinder R52 2012 - on
ISW320	Roof Lamp	Amber / Green	Nissan X-Trail T32 2014 - on

\*\* This particular switch has a different Plug and Loom compared to all of the other OE Switches and for it to be connected with the IWH001 Driving Light Harness, it must also be sold with Plug and Loom Part No. IWH300.

## ISW410 Shown



PART NO.	SYMBOL	ILLUMINATION COLOUR	APPLICATION
ISW400	Driving Light	Amber	Toyota Prado 150 Series 2010 - on Toyota Prado 200 Series 2015 - on Toyota Landcruiser 200 Series 2008 - on Toyota Hilux GUN Series Late 2015 - on Toyota RAV4 2006 - 2011
ISW401	Driving Light	Blue	
ISW402	Driving Light	Green	
ISW410	Lightbar	Amber	
ISW411	Lightbar	Blue	
ISW412	Lightbar	Green	
ISW420	Roof Lamp	Amber	
ISW421	Roof Lamp	Blue	
ISW422	Roof Lamp	Green	



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## ISW520 Shown



PART NO.	SYMBOL	ILLUMINATION COLOUR	APPLICATION
ISW500	Driving Light	Amber	Toyota Prado 120 Series 2003 - 2009
ISW501	Driving Light	Blue	Toyota Landcruiser 100 Series 1998 - 2007
ISW502	Driving Light	Green	Toyota Landcruiser 79 Series Late Model
ISW510	Lightbar	Amber	Toyota FJ Cruiser 2010 - 2013
ISW511	Lightbar	Blue	Toyota Hiace 2005 - 2013
ISW512	Lightbar	Green	Toyota Hilux KUN26R, GGN15R, GGN25R 2005 - Early 2015
ISW520	Roof Lamp	Amber	***This switch will not fit the NEW Hilux GUN Series
ISW521	Roof Lamp	Blue	
ISW522	Roof Lamp	Green	

So as you can see, the hardest part about using the Ignite Driving Light Harness, is making sure you purchase all of the necessary components to suit your installation, it's dead easy, here's a great example of how easy it!

Customer wishes to install a set of the Ignite 9" LED Driving Lights to a 2014 RG Holden Colorado with an OE Switch, he would require the following components:-

- 1 x IWH001 Ignite Driving Light Harness
- 1 x IWH006 Ignite H1 Headlight Adaptor Kit (Car has H1 High Beam Globes)
- 1 x IWH002 Ignite Driving Lights Y Harness Adaptor Kit
- 1 x ISW000 Ignite OE Push Button Switch with Driving Light Symbol

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