

PRODUCT SPECIFICATIONS

**Publication Date:**

August, 2018

Description:

Mitsubishi Challenger SmartBar

Application:

Mitsubishi Challenger (2009+)
Models

Fitting:

Refer Matrix for Fitup Times

Available:

Now



**PROUDLY
AUSTRALIAN MADE**



Product Specification

The Mitsubishi Triton Challenger's are built to handle the demands of unforgiving Australian roads, whether in town or well off the beaten track, the team at SmartBar is here to ensure that you, your passengers and your vehicle stay protected wherever you are.

Specifically designed for the 2009+ Mitsubishi Challenger as a partial bumper replacement, SmartBar's Vehicle Frontal Protection System (VFPS) complements the design and shape of the vehicle, maintains all of the factory accessories and all the while provides unparalleled safety.

Designed to suit the ML and ML Mitsubishi Challenger variants, the SmartBar is engineered to be the lightest and safest VFPS available; offering even more protection and safety for vehicle owners and importantly, pedestrians.

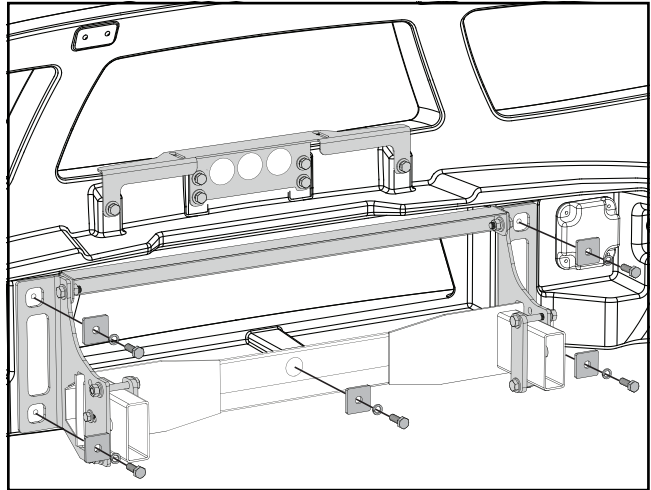
Protection & Styling Characteristics:

- Meets full Australian Standard AS 4876.1-2002. Including 3.2 Road User Protection
- Weight savings provide improved fuel economy and reduced tyre, suspension and brake wear when compared to other alternatives
- Fitted Weight of **23kg for Non Winch**
- Bar adds an approximate additional 180mm to vehicle length
- Air Bag Compatible
- Bumper trim, easily fitted
- Superior frontal protection, due to the impact absorbing hollow construction
- Accepts the original vehicle fog lights
- Supplied with durable LED Parker/Indicator Lights
- Supplied with 1 x Antenna Mount
- Antenna mount location on loops of the bar, up to 2 available
- UV stabilised polymer for durability and corrosion resistance
- Styled to maintain the Vehicle's aesthetic
- Proudly designed and manufactured in Australia
- Minimal maintenance
- Minimal repair costs after impact
- Manufactured from environmentally friendly, recyclable polyethylene polymer
- Available in Black as standard, other colours available for large order quantities
- Accommodates a large range of spotlights
- SmartBar is tested to ensure a HIC (Head Injury Criteria) figure below the Australian Standard rating of 1500, as to provide pedestrians with a higher probability of surviving a low speed impact

Chassis Mounts:

The chassis mount design comprises of a two part construction which allows for three axis adjustability, to achieve a solid and perfect fit every time.

All brackets have been tested and comply with Vehicle Air Bag and Australian Safety Standards.



Pedestrian Safety:

SmartBar's have been tested and proven to be less likely to cause serious injury to pedestrians than other alternatives. This is due to the hollow construction which allows the bar to absorb most of the impact along with the unique and specifically designed co-polymer material.



Antenna Mounts:

There are antenna mounts incorporated on the top loops of the bull bar. The SmartBar is supplied with a single antenna mount (TP44799). An additional antenna mount can be purchased, the bar can accept a maximum of two antenna mounts.



Bumper Trim:

The bar is easily fitted as a partial bumper replacement and as such, requires a bumper trim during installation. Instructions and Trim Templates are supplied with the Bar to assist with fitment.



Fog Lights and Indicator/Parker Lights:

A high quality LED Parker/Indicator is supplied with the bar for the left and right side of the SmartBar. It is also compatible with the OEM fog lights which can be installed as follows.



Driving Light Mounts:

The SmartBar is supplied with an accessory bracket to mount driving lights, light bars and other accessories.

The mount includes pinning holes for the Intensity lights.

To see further details on light fitment see overleaf.



Light Model Fitment:

The SmartBar accommodates the following Lights:

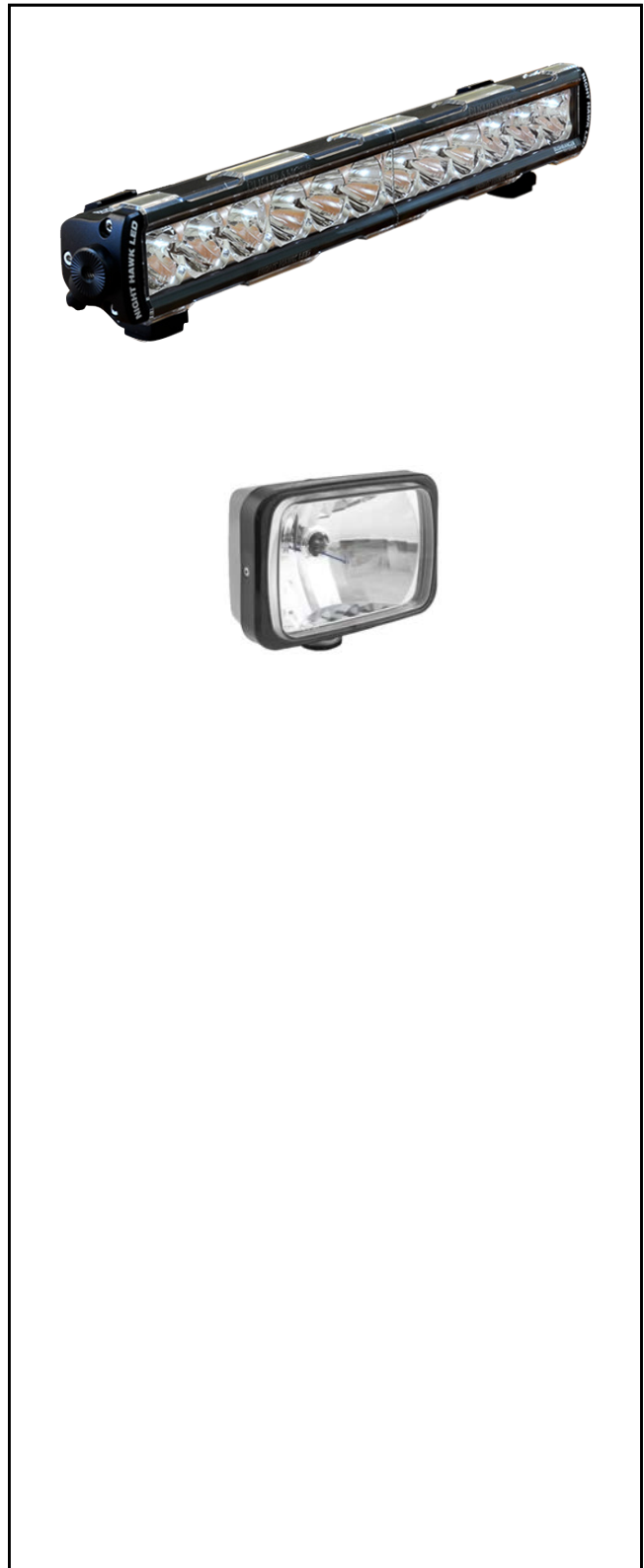
Bushranger Night Hawk lights:

- NHS055-NHS245 (5.5 inch to 24.5 inch light bars)

IPF Lights:

- 801 Xtreme Sport Series
- 800 HID Series
- 800 Series
- 868 Series

NOTE: If a control box is fitted, this may restrict the lights that will fit in the SmartBar.



PART NUMBER MATRIX



SMARTBAR MITSUBISHI CHALLENGER (2009+)

SmartBar
Non Flared

Fitting Time	3 Hours
Vehicle	Model (Guide Only)
Mitsubishi Challenger	LS, XLS SA142BL141