

# PRODUCT SPECIFICATIONS



**Publication Date:**  
September, 2018

**Description:**  
Toyota HiLux SmartBar

**Application:**  
Toyota HiLux 2015+ Models

**Fitting:**  
Minimum 3 Hours (Non Winch)  
Minimum 4.5 Hours (Winch)

**Available:**  
Now



## Product Specification

Contrary to previous generations of the HiLux, the 2016 model Hilux was offered in either a wide or narrow body design, achieved using the Sheet Metal of the Vehicle rather than an additional flare. The wide body models have additional 40mm of track both at the front and rear of the vehicle and the team at SmartBar has developed a new frontal protection system styled to accommodate both.

Specifically designed for the 2015+ Toyota HiLux as a partial bumper replacement, the latest model of SmartBar's Vehicle Frontal Protection System (VFPS) perfectly complements the design and shape of the vehicle. The SmartBar maintains all of the factory accessories and all the while provides unparalleled safety.

Designed to suit the WorkMate (including Low Rider), SR, SR5 and the Rogue, accommodating the facelift introduced in 08/2018. The SmartBar is engineered to be the lightest and safest VFPS available; offering even more protection and safety for HiLux owners and pedestrians.

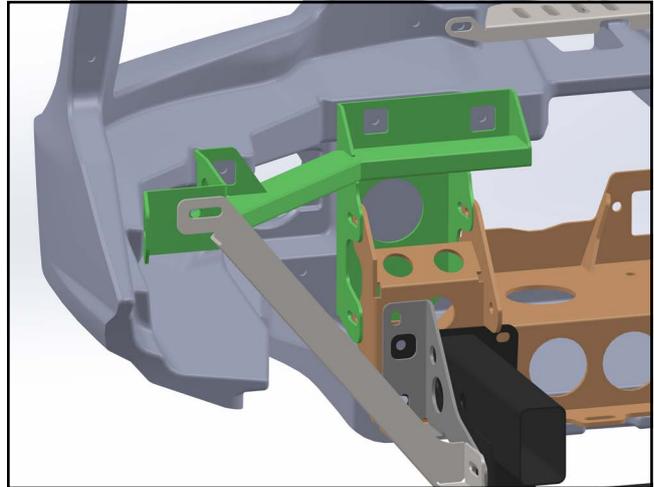
## Protection & Styling Characteristics:

- 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 **32kg for Non Winch**
- Fitted Weight of **42kg for Winch**
- Bar adds an approximate additional 230mm 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 Mounts
- Antenna mount location on loops of the bar, up to 4 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
- Accommodates up to 10,000lb Winch (please refer overleaf for winch compatibility)
- Compatible with ARB Under Vehicle Protection
- Compatible with ARB Recovery Points
- 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 for the SmartBar 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, Winch Maximum Pull Exertion 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.



## Recovery Point:

The HiLux SmartBar, in both winch and non winch configurations, is compatible with the ARB recovery points to assist with vehicle recovery. Shown in Red here.



## Under Vehicle Protection:

The HiLux SmartBar in both winch and non winch configurations, is compatible with the ARB Under Vehicle Protection (UVP).



## Day Time Running Lights:

The SmartBar design incorporates high quality Hella Day Time Running Lights (DRL) to provide additional safety when driving during daylight hours. The DRL is designed to turn on with the vehicle ignition and off when the vehicle parker lights are turned on.

DRL's are supplied as standard for the SR5 and Rogue SmartBar, and are an optional accessory for other models. Please note that a maximum of 2 DRLs are permitted as per ADR requirement.



## Fog Lights:

The original HiLux fog lights are compatible with the SmartBar.

Please note that the Fog Lights shown are not included with the SmartBar.



## Antenna Mounts:

There are antenna mounts incorporated on the top loops of the bull bar. The SmartBar is supplied with a single antenna mount. Additional antenna mounts can be purchased:

Vertical Mount: SAAMB21 (supplied)

Horizontal Mount: SAAMB22 (optional extra)



## 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.



## Winch Mount:

The SmartBar winch bracket kit is winch compatible for winches up to 10,000lb. See overleaf for full winch details.



## Winch Model Fitment:

The SmartBar for winch compatible bracket kit accommodates the following winches:

- Warn M8000, XD9000, XP9.5 and XDC 9.5.
- Warn ZEON 8, 8-S, 10, 10-S.
- Warn ZEON Platinum 10, 10-S.
- Warn Magnum 8, 10
- Bushranger DV-9TH, DS9.5TH and Seal 9.5TH

The SmartBar is supplied with an accessory bracket that mounts to the bar in front of the grille. The winch control box may be mounted on the accessory bracket between the spotlights\*.

Additional fit kits are required depending on the winch being fitted:

- A flip up number plate bracket is recommended for standard size number plates when SmartBars are fitted with a winch, ARB Part number 3500630.
- Warn ZEON Platinum fitment may require part No. W94288 Enhanced Signal Kit.

\*Fitment of the control box to the accessory bracket will restrict the size of the lights that can be mounted. Light bars will not fit on accessory bracket at all in this instance.



## Light Model Fitment:

The SmartBar accommodates the following Lights:

### ARB Intensity:

- ARB Intensity 21
- ARB Intensity Light Bar AR40 (requires pedestal mount)

### Bushranger Night Hawk lights:

- NHP180 (S&D) (180mm Round LED light)
- NHS055-NHS245 (5.5 inch to 24.5 inch light bars)

### IPF Lights:

- 801/901 Xtreme Sport Series
- 800/900 HID Series
- 800/900 Series
- 900 Xtreme LED Sport Series
- 868/968 Series
- 930 Super Rally

NOTE: Fitment of the control box to the accessory bracket will restrict the size of the lights that can be mounted. Light bars will not fit on accessory bracket at all in this instance.



# PART NUMBER MATRIX



## SMARTBAR TOYOTA HILUX 09/15-07/18

For 08/2018 vehicles refer to matrix on next page

Fitting Time	3 Hours	4.5 Hours	30 Mins
4x2 Toyota Hilux	Model (Guide Only)		
4x2 Low Rider (Narrow Body)	SA172BL172	NA	BP80052
4x2 High Rider (Wide Body)	SA170BL170	NA	BP80052
4x2 High Rider (Wide Body)	SA173BL170	NA	N/A (Included) <sup>1</sup>
4x4 Toyota Hilux	Model (Guide Only)		
4x4 High Rider (Narrow Body)	SA172BL172	SA172BL189	BP80052
4x4 High Rider (Wide Body)	SA170BL170	SA170BL171	BP80052
4x4 High Rider (Wide Body)	SA173BL170	SA173BL171	N/A (Included)*

Please note:

- <sup>1</sup> SmartBar for SR5 Model is supplied with DRL as standard.
- <sup>2</sup> Only SR High Rider (Wide Body) option is the Double-Cab Turbo Diesel
- <sup>3</sup> Only Narrow Body 4x4 option is the Single-Cab SR and WorkMate
- <sup>4</sup> Only available in black, other colour options available in larger quantities

# PART NUMBER MATRIX



## SMARTBAR TOYOTA HILUX 08/2018+

Fitting Time	3 Hours	4.5 Hours	30 Mins	10 Mins
4x2 Toyota Hilux	SmartBar non winch	SmartBar winch	Optional Day Time Running Lights	Facelift infill kit 170FK
4x2 (Narrow Body)	SA172BL172	NA	BP80052	NA
4x2 High Rider (Wide Body)	SA170BL170	NA	BP80052	NA
4x2 High Rider (Wide Body)	SA170BL170	NA	BP80052	SA170FK
4x2 High Rider (Wide Body)	SA173BL170	NA	NA (Included) <sup>1</sup>	SA170FK
4x4 Toyota Hilux	Model (Guide Only)			
4x4 (Narrow Body)	SR <sup>2</sup> , WorkMate <sup>2</sup>	SA172BL189	BP80052	NA <sup>5</sup>
4x4 (Wide Body)	WorkMate	SA170BL170	BP80052	NA
4x4 (Wide Body)	SR	SA170BL170	BP80052	SA170FK
4x4 (Wide Body)	SR5 <sup>3</sup> , Rogue <sup>3</sup>	SA173BL170	NA (Included) <sup>1</sup>	SA170FK

Please note:

- <sup>1</sup> SmartBar for SR5 & Rogue model is supplied with DRL as standard
- <sup>2</sup> Only Narrow Body 4x4 option is the Single-Cab SR and WorkMate
- <sup>3</sup> For SR5 & Rogue models fitment of OE LED Foglamp is yet to be confirmed
- <sup>4</sup> Only available in black, other colour options available in larger quantities
- <sup>5</sup> 4x4 Narrow Body SR, fitment of facelift infill kit 170FK is yet to be confirmed