

THE ULTIMATE NUDGE BAR

MAZDA BT-50 2020 - ON (3RD GEN, TF) NON-SENSOR

Models: XT, XS, XTR

Protection in a lightweight, form-fitting style that complements modern vehicle designs.



Proudly Designed, Engineered and Manufactured in Boronia, Victoria, Australia.

The Ultimate Nudge Bar is the perfect mounting platform for anyone wanting to add antennas and driving lights to the front of their vehicle. Its unique press-formed frame incorporates a rigid mounting system for a lightweight layer of protection in a low-profile, over-bumper design with minimal forward projection.

Our vehicle-specific designs accommodate OE safety features such as radars, parking sensors & front cameras to comply with Australian Design Rules (ADR) and prevent any loss or interference of these driver aids.

We even went as far as to include an Ultimate9 LED Light Bar, which integrates into the press-formed top channel.

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BT-50 Design - Non-Sensor

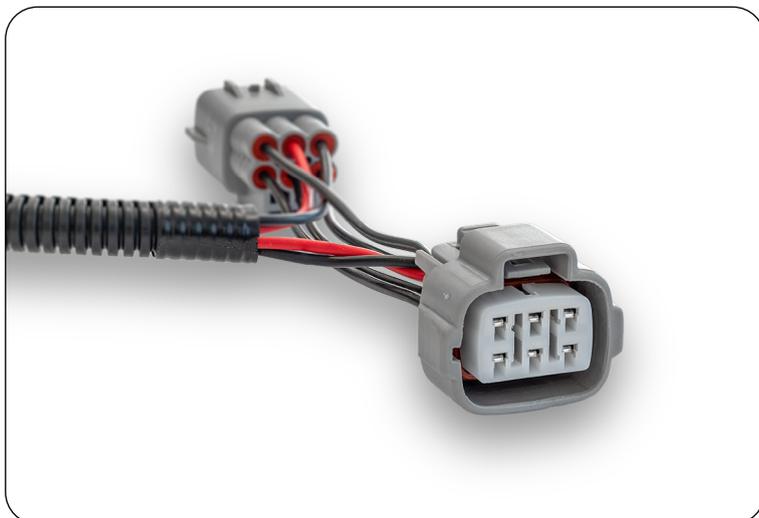
The Nudge Bars form-fitting design follows the rounded curves of the BT-50 bumper to keep forward projection minimal.



High-Beam Pickup

Because we include an Ultimate9 LED Light Bar, we also supply a vehicle-specific High-Beam piggyback adapter with OE-style plugs.

The adaptor bypasses having to cut, solder and crimp cabling by plugging directly into the headlight loom and isolates the Light Bar to come on only when high beams are engaged.



OME Style Light Bar Switch

Keeping in line with the vehicle aesthetics, we also supply an LED Ultimate9 etched OE-style factory switch. There is also the choice of a small round Ultimate9 rocker switch in the wiring harness assembly.

The OE-styled switch fits into the dash without modification.



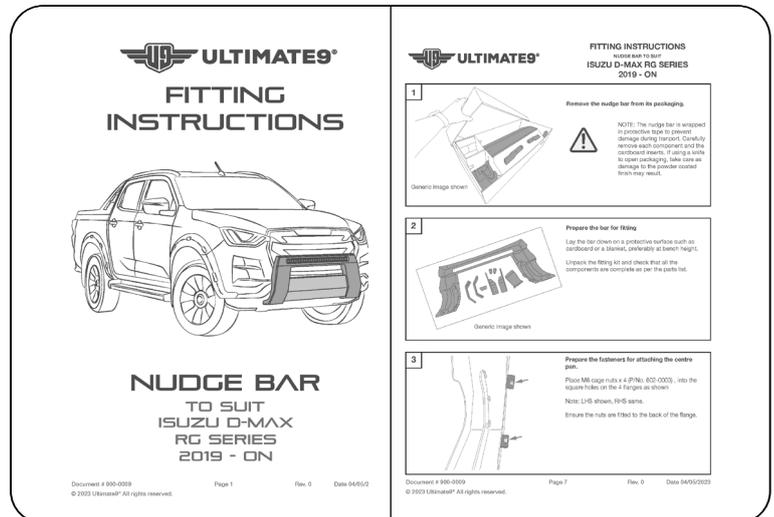
Fitment

22-page line-drawn instructions provide step-by-step directions to make fitment easy for both professional and DIY installers.

Instructions also include guidance for fitting and wiring the Ultimate9 LED Light Bar.

BT-50 Fitment Notes

A modification/cut to the plastic wind deflector panels underneath the vehicle is required to allow for refitment.



Additional Lighting

Those that need more light will find pre-drilled provision to fit a 20-inch Ultimate9 LED Light Bar above and a 20-inch below the top press-formed channel.

1. 20-inch LED Light Bar Provision
2. 20-inch LED Light Bar Provision

Lighting Notes

An additional Ultimate9 twin output wiring harness will be required when fitting three Light Bars.



Generic image shown

Construction

The press-formed frame is produced from 250-grade 3mm steel, while the centre pan is 1.6mm steel with our Ultimate9 logo laser-cut out.

The rigid chassis mounts are made from 6mm steel and use factory chassis bolt holes for installation, so no further drilling is required.



Cleaning welded sections



Generic image shown

Corrosion Protection

To protect the bar from rust and corrosion, we zinc plate the raw metal to create a physical barrier that prevents rust from reaching the metal surface.

After the zinc plating, the bar is powder coated for a finish that helps protect the bar from wear & tear, adds another layer of corrosion protection and complements the vehicle.



Lightweight

Unlike a Bull Bar, whose weight may require suspension modifications, the BT-50 Nudge Bar, weighing only 25.5 Kg, has very little effect on front suspension compression, making it the perfect platform for mounting extra accessories such as lighting, communication antennas and sand flags.



Hardware

Nudge Bar kits include a mixture of stainless steel & zinc-plated high-tensile bolts, nuts and washers for installation.



Packaging

To ensure the Nudge Bar reaches the end customer in perfect condition, we use custom-designed boxes for each bar that isolate and layer each part.



Generic image shown

Ultimate9 LED Light Bar Integration

The BT-50 design integrates a 26-inch Ultimate9 LED Light Bar into the top pan.

LED Light Bar Features

Tested to ensure they meet the highest IP rating - IP68 & IP69K.

Gore® PolyVent breather ensures internal pressure can equalise to prevent seal failure & moisture/dust ingress - eliminating lens condensation & fogging.

6063-grade aluminium housing, overlaid with UV & corrosion resistant Dupont® coating complete with 304 Stainless Steel fasteners.

GE Lexan® Polycarbonate lens provides high UV, scratch & impact resistance.

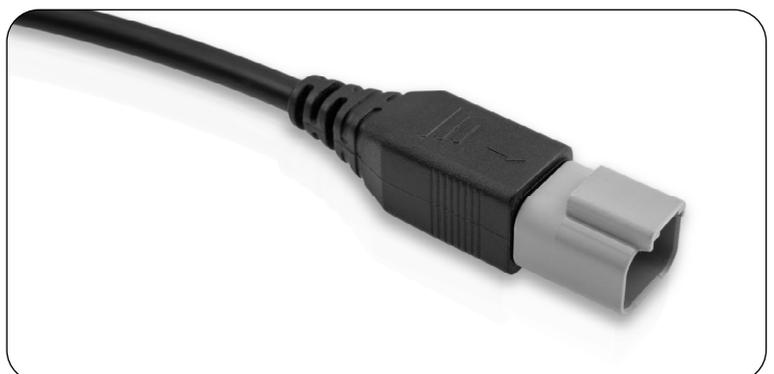
Flood & Spot reflector beam combination with 20°(Flood) & 8°(Spot) patterns.

Grade A Osram 5W LED chips & sealed DT connectors.

IP, vibration, UV, corrosions, RoHS, temperature exposure, impact, and EMC tests ensure Ultimate9 LED Light Bars exceed operational conditions and electrical standards for longevity & legal fitment.

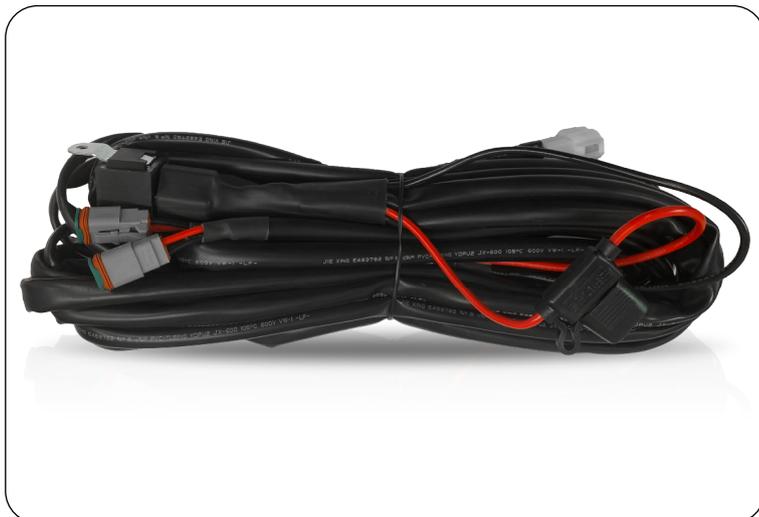


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Wiring Harness

Our Ultimate9 Auxiliary Loom with twin outputs provides plug & play fitment for the included Light Bar with industry-standard, waterproof DT connectors. It is also able to connect an additional Ultimate9 LED Light Bar.



Light Bar Adjustment

Adjusting the tilt or angle of the Light Bar is done with our supplied allen key via the holes located on the sides of the top press-formed channel.



Product details:

Name:	The Ultimate Nudge Bar to suit Mazda BT-50 2020 - ON (3rd Gen, TF) Non-Sensor
Price RRP:	\$1495.00
Price WHSP:	Please contact sales@ultimate9.co to enquire about stockist pricing.
SKU:	ULTN04010
Barcode:	787099451240
Specifications: (packaged)	(L)122cm x (W)56cm x (H)36cm, Weight: 25.5 kg

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