

**SEALEY TB11 Towing Socket Assembly N-Type 12V**



# SEALEY TB11 Towing Socket Assembly N-Type 12V Instruction Manual

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**SEALEY TB11 Towing Socket Assembly N-Type 12V**



## Product Information

### Specifications

- Model No: TB11
- Socket Type: N-Type
- Voltage: 12V
- Length of Cable: 1.5mtr
- Number of Pins: 7

### Introduction

The Towing Socket Assembly N-Type 12V Model No: TB11 is a high-quality product manufactured by Sealey. It is designed to provide a reliable and trouble-free towing experience. The assembly includes a 1.5mtr 7-core cable with a pre-wired 12V 7-pin N-type socket. The metal plate comes with pre-formed mounting points at 90mm centres.

### Safety Instructions

- Ensure that Health and Safety, local authority, and general workshop practice regulations are strictly adhered to when using tools and equipment.
- DO NOT use the socket assembly if it or any attachment is damaged.
- Maintain the socket assembly in a good, clean condition for the best and safest performance.
- Keep the work area clean, uncluttered, and ensure there is adequate lighting.
- Keep children and unauthorized persons away from the work area.
- Use the socket assembly only for its intended purpose.
- The warnings and instructions in this manual may not cover all possible conditions and situations. Apply common sense and caution while using the product.

**IMPORTANT:**

Number plate lamps on the trailer should be wired to avoid a common connection between Pins 5 and 7 of the 12N Socket.

**NOTE:**

It is a legal requirement to provide a warning if a bulb fails in the direction indicators on the trailer. It is recommended to use a 7-way bypass relay when the direct connection of towing electrics may affect bulb failure monitoring, multiplex wiring, or other electronic systems.

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble-free performance.

**IMPORTANT:**

PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.

**SAFETY**

**WARNING!** Ensure that Health and Safety, local authority and general workshop practice regulations are strictly adhered to when using tools and equipment.

1. DO NOT use socket assembly if it, or any attachment, is damaged.
2. Maintain in a good, clean condition for best and safest performance.
3. Keep the work area clean, and uncluttered and ensure there is adequate lighting.
4. Keep children and unauthorized persons away from the work area.
5. DO NOT use for any purpose other than for which it is designed.

**WARNING!** The warnings and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.

**Introduction**

Complete assembly includes a 1.5mtr 7-core cable with a pre-wired 12V 7-pin N-type socket. Metal plate with pre-formed mounting points at 90mm centers.

**FITTING INSTRUCTIONS**

- Position the mounting plate between the tow ball and the vehicle towing bracket.
- Locate a convenient connection point in the vehicle's wiring harness near one of the rear light clusters.
- If there is no access for the cable available, drill a suitably sized hole in the bodywork near the tow ball. Remove any sharp edges and fit a suitably sized grommet (or use sealant).
- Feed the 7-core cable through this hole and strip off the outer cover as necessary and connect the wires into the wiring harness as required using the following codes.

12N Socket	7 Core Cable	Function
Pin 1	Yellow	Left Hand Direction Indicator
Pin 2	Blue	Rear Fog Lamp
Pin 3	White	Earth Return
Pin 4	Green	Right Hand Direction Indicator
Pin 5	Brown	Right-Hand Tail and Number Plate Lamps
Pin 6	Red	Brake Lamp
Pin 7	Black	Left Hand Tail and Number Plate Lamps

- When completed, test all vehicle and trailer lamps for correct operation, before towing a trailer on the road.

**WARNING:** Number plate lamps on the trailer should be wired to avoid a common connection between Pins 5 and 7 of the 12N Socket.

**NOTE:** It is a legal requirement that a warning should be given if a bulb fails in the direction indicators on the trailer. It is therefore recommended that a 7 way bypass relay is used where the direct connection of towing electrics may affect bulb failure monitoring, multiplex wiring or other electronic systems.

## Environment Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

### Note:

It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

### Important:

No Liability is accepted for incorrect use of this product.

### Warranty:

The guarantee is 12 months from the purchase date, proof of which is required for any claim.

## FAQ'S

### Can I use the socket assembly if it is damaged?

No, DO NOT use the socket assembly if it or any attachment is damaged. It is important for safety and optimal performance.

### What should I do if there is no access for the cable?


If there is no access for the cable available, drill a suitably sized hole in the bodywork near the tow ball. Remove any sharp edges and fit a suitably sized grommet (or use sealant) to ensure proper installation.

### How can I test the correct operation of vehicle and trailer lamps?

Once the wiring is completed, test all vehicle and trailer lamps by connecting the trailer and checking if the lamps function correctly. This step is crucial for safe towing on the road.

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## Documents / Resources

	<p><a href="#">SEALEY TB11 Towing Socket Assembly N-Type 12V</a> [pdf] Instruction Manual TB11 Towing Socket Assembly N-Type 12V, TB11, Towing Socket Assembly N-Type 12V, Socket Assembly N-Type 12V, Assembly N-Type 12V, N-Type 12V</p>
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## References

- [Sealey - Leading Professional Tool & Workshop Equipment Supplier](#)
- [User Manual](#)

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