VELKYNE

USER GUIDE

TOWBAR ADAPTER, 7-PIN TO 13-PIN

Your car has a 7-pin towbar socket, your bike carrier a 13-pin plug: the adapter sits between the two and passes the lights through. This guide covers plugging in, what is and is not transmitted, and the check to make before you set off.



REF. REM1 · 7-PIN SOCKET TO 13-PIN PLUG, 12 V · PLASTIC AND BRASS, WATERPROOF

01 · GETTING STARTED

PLUGGING IN THE ADAPTER

What it is for

- Connecting a **bike carrier or trailer with a 13-pin plug** to a vehicle fitted with a 7-pin socket, without rewiring the car or changing the carrier's plug.
- It passes the lighting signals through: tail lights, brake lights, indicators and rear fog light.
- Compact: the same diameter as a 7-pin plug, half the length. Waterproof, it stays in place whatever the weather.

Plugging in, step by step

1. **Switch off the ignition** and open the lid of the car's 7-pin socket. A quick look at the contacts: clean and dry.
2. **Push the adapter fully home.** The 7-pin plug is keyed: turn it slightly until it slides in without force, then fold the socket's spring lid down, which locks the adapter in place.
3. **Plug in the 13-pin plug** of the bike carrier and turn it until it locks. A plug that is merely pushed in comes out at the first bump.
4. **Check the lights** with a helper, ignition on: tail lights, brake, left indicator, right indicator, fog light. Load the bikes afterwards, it is far more practical.
5. **After the trip,** unplug the carrier, remove the adapter, close the socket lid and store the adapter somewhere dry.

Specifications

Type	**7-pin socket to 13-pin plug**	Voltage	**12 V DC**
Compatibility	**Standard European trailers**	Material	**Plastic, brass contacts**
Dimensions	**82 × 52 × 48 mm**	Waterproof	**Yes, all conditions**
Contents	**1 adapter**		

BEFORE YOU SET OFF

- The **number plate and rear lights must remain visible.** If the carrier hides them, its own plate and light board are what count: they must be fitted and working.
- Have a second person check brake lights, indicators and tail lights **before every trip**, not only the first time you fit the carrier.

WHAT IT DOES NOT DO

A 7-pin socket provides neither a reversing light nor a permanent power feed, so the adapter cannot pass them on. A bike carrier does without them; a caravan, less so.

02 · DAY TO DAY

FUNCTIONS, CARE, TROUBLESHOOTING

What passes through the adapter

FUNCTION	TRANSMITTED
Tail lights	Yes
Brake lights	Yes
Left and right indicators	Yes
Rear fog light	Yes
Reversing light	No
Permanent power feed	No

Everything the car's 7-pin socket provides goes through; the extra pins of the 13-pin format stay unused.

Care

Brass contacts resist corrosion, but not dried mud: wipe them now and then with a dry cloth. Do not leave the adapter plugged in all year in the rain: waterproof as it is, it ages better in the glovebox.

IF SOMETHING GOES WRONG

- **Nothing lights up**: the adapter or the 13-pin plug is not fully home, or not locked. Unplug, plug back in, check both locks.
- **One light stays off**: clean the contacts, then check the towbar wiring fuse on the car and the bulb on the carrier before blaming the adapter.
- **An indicator flashes too fast**: the usual sign of a blown bulb on the carrier or the car.
- **The plug will not go in**: the key is not lined up. Turn it, never force it.



13-pin side: the carrier's plug goes in here and turns until it locks. The lid protects the contacts when nothing is connected.

TEST IT EMPTY

The first time, check the lights before loading the bikes: if a plug needs attention, you will not have to unload everything.

Need help?

velkyne.com/contact

Our team answers your questions about connection and compatibility.