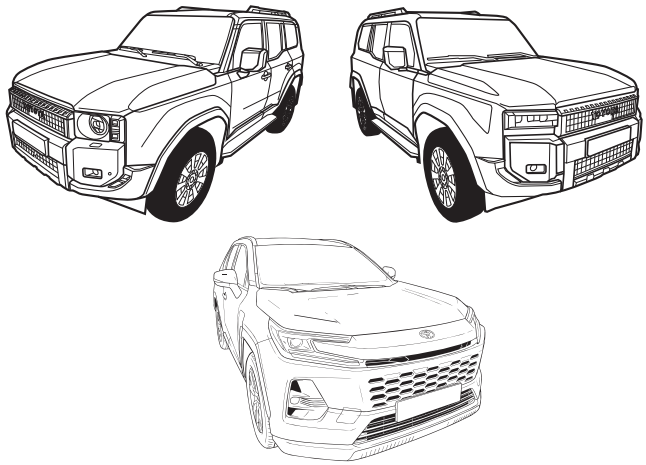


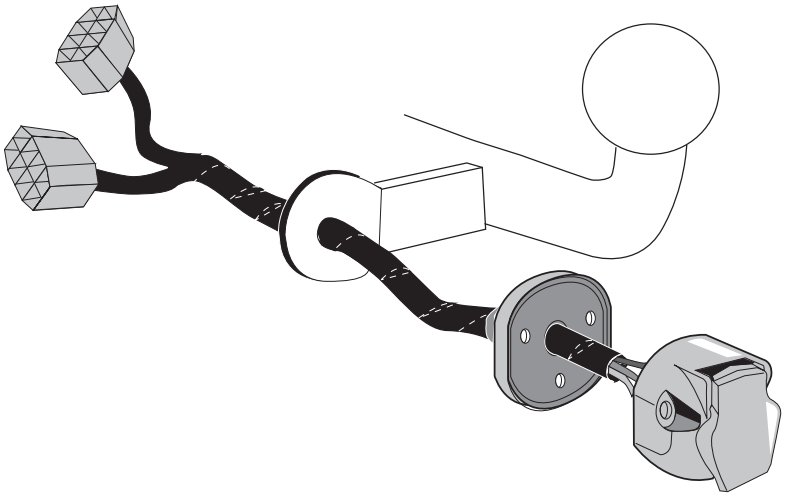
TOYOTA

Land Cruiser (J25) Hybrid 09/2024 >>
RAV 4 Hybrid (XA60) 12/2025 >>

Part No: TO-397-13U

Electric wiring kit for towbars / 13-pin / 12 Volt / ISO 11446

Product overview





IMPORTANT!

This electric kit has to be installed by a professional workshop or a suitable qualified person.
The installation instructions must have been read and fully understood before the start of any installation. Please contact your wiring kit provider or the hotline shown in the footer should you need assistance!
Make sure the vehicle is approved/homologated by the manufacturer to tow a trailer!
Also please check that there is a definite compatibility between this vehicle and the electric kit!
Following the installation of the electric kit, the fitting instructions should be kept together with the vehicle service document and vehicle handbook. The fitting instructions contain important information relating to the use and function of the towing kit as well as for any diagnostic or activation process, that might have to be repeated in the future (e.g. after the performance of a vehicle software update).
All warranty claims will be forfeited if the electric kit or components contained therein are used incorrectly or modified. If a towing socket adaptor has been used to connect to the trailer or bike rack, this must be removed from the trailer socket once the trailer or bike rack has been disconnected.
If the trailer or bike rack is not equipped with a rear fog lamp, depending on the towing vehicle type, the correct function of the towing kit cannot be guaranteed. In such cases, a rear fog lamp should be retro fitted.
This towing electric kit will not be covered under warranty if any technical or electrical modifications or software updates have been performed by the vehicle manufacturer after the initial commissioning of the kit. That applies especially to modifications or updates which may cause malfunctions in the trailer socket or any other part of the trailer electrical equipment!
Depending on the type of trailer module used in this electric kit, diagnostic interrogation with the vehicle's electrical system may be limited or will not function. The error memory inside the trailer module may not be able to be accessed by vehicle manufacturers diagnostic system.
Error logs relating to the trailer electrical equipment, that may be generated in the vehicle manufacturers diagnostic system as a result of a test procedure, may be due to the incorrect installation of the towing electric kit or the false activation of the trailer module.
We always recommend whenever possible, the following troubleshooting process:

- **An analysis of the vehicle's error memory and possibly clearing of all faults before the start of the installation!**
- **Try disconnecting the trailer module from the towing harness and re-start the fault clearing process!**
- **If in doubt, limit the time for troubleshooting to a max of 0,5 hours and call our Technical Support Team!**

Please follow our instructions carefully and always test the towing electrics using a true lighting board or a specifically designed bulb tester. If an LED tester is used, ensure it is equipped with correct load resistors or malfunctions will occur!
This instruction is subject to changes and we reserve the right to make changes to design, colour etc.
All of the data and illustrations may not be an exact representation but the text contained in this instruction must be observed!

ECS Electronics UK
20 Speedwell Close
Huntington
Chester, CH3 6DX

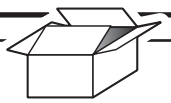
SALE: +44 (0) 7590 564639
TECHNICAL: +44 (0) 7440 202052
WEB: www.ecs-electronicsuk.co.uk

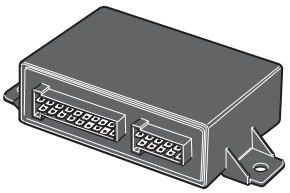
Email-sales: uksales@ecs-elecrtronics.com
Email-technical: ukts@ecs-electronics.com

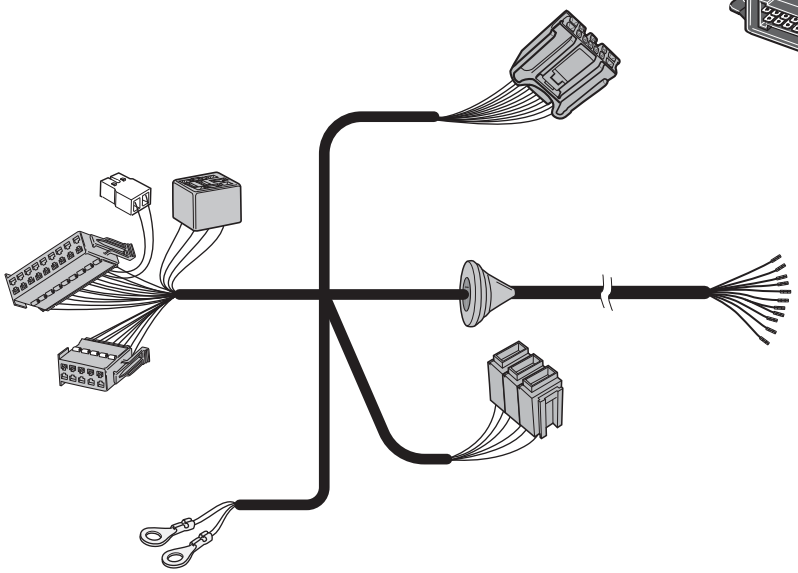
Revision: 0 / 11.11.2026
TO-397-13U

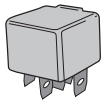




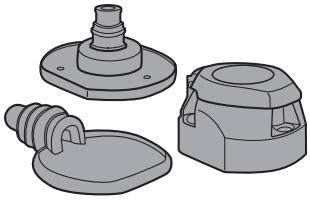








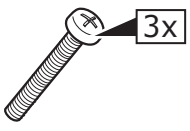




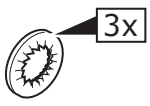


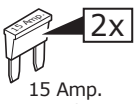
Toyota RAV 4



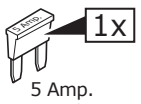




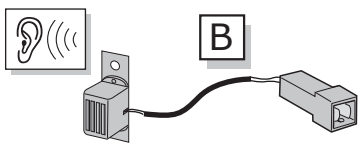


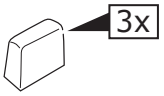


15 Amp.
mini fuse

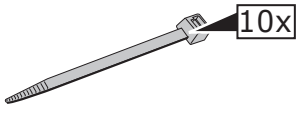


5 Amp.
mini fuse









ECS Electronics UK
20 Speedwell Close
Huntington
Chester, CH3 6DX

SALE: +44 (0) 7590 564639
TECHNICAL: +44 (0) 7440 202052
WEB: www.ecs-electronicsuk.co.uk

Email-sales: uksales@ecs-elecrtronics.com
Email-technical: ukts@ecs-electronics.com

Revision: 0 / 11.11.2026
TO-397-13U

Optional

Consult your supplier.

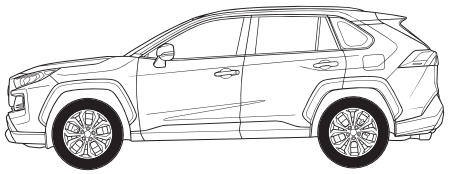


Trailer Simulator for 7- and 13-pin Sockets

1

Optional

Adapter socket

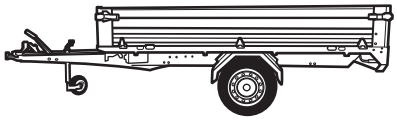


13-pin



7-pin

ECS part no.
SP-122-ZZU



2



Fitting Instructions

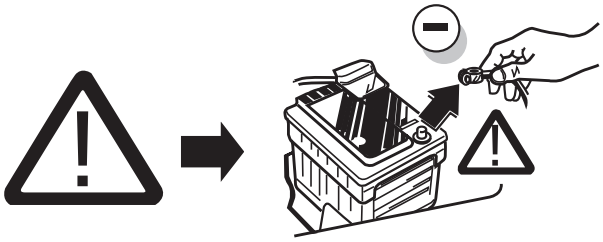
Download

from

SCAN ME

https://www.ecs-electronicsuk.co.uk/en/to39713u.html#manualinfo

3



Note: It may be necessary to check if this vehicle has a stored radio code before disconnecting the battery!



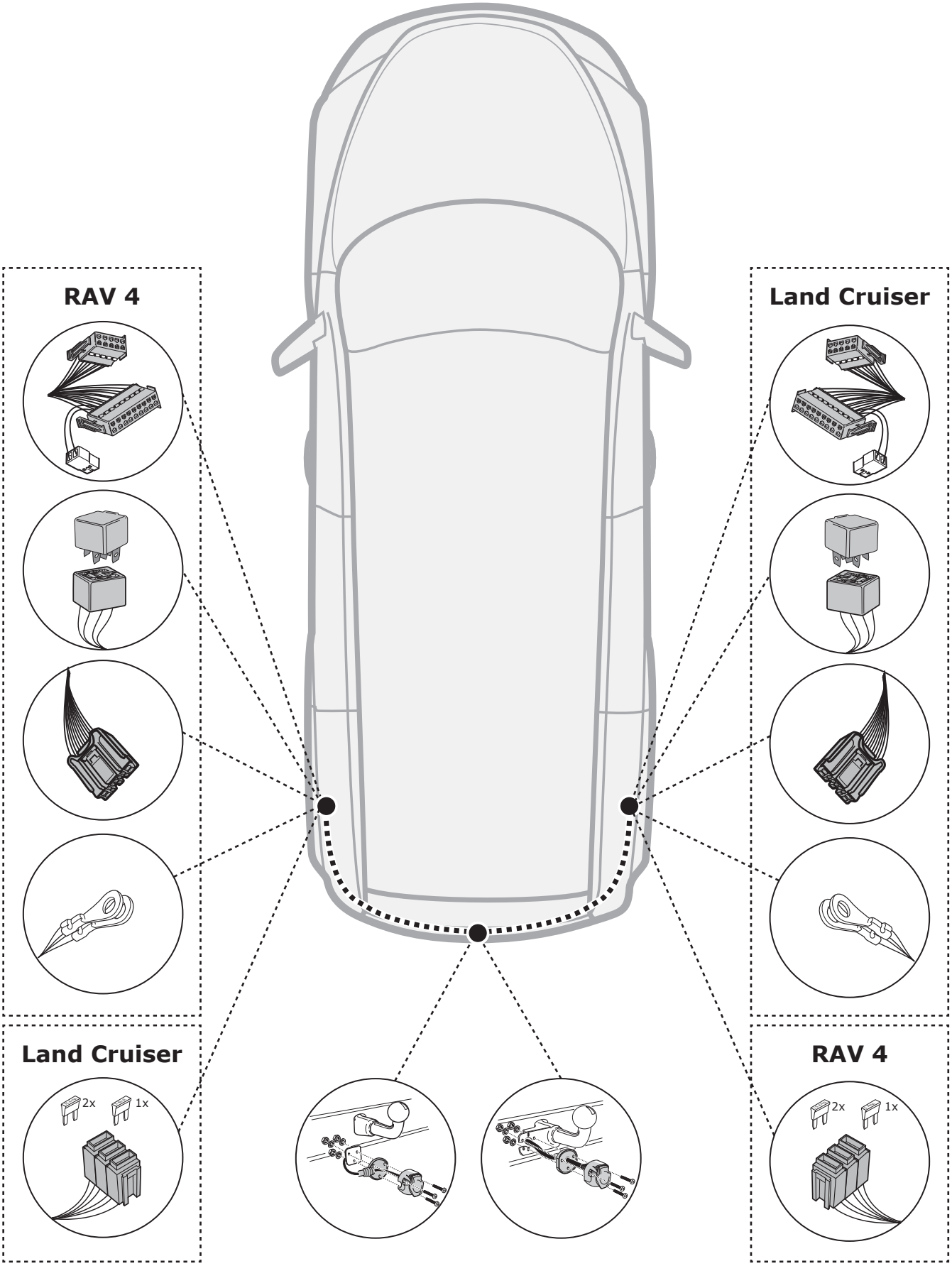
4

ECS Electronics UK
20 Speedwell Close
Huntington
Chester, CH3 6DX

SALE: +44 (0) 7590 564639
TECHNICAL: +44 (0) 7440 202052
WEB: www.ecs-electronicsuk.co.uk

Email-sales: uksales@ecs-elecrtronics.com
Email-technical: ukts@ecs-electronics.com

Revision: 0 / 11.11.2026
TO-397-13U



ECS Electronics UK
20 Speedwell Close
Huntington
Chester, CH3 6DX

SALE: +44 (0) 7590 564639
TECHNICAL: +44 (0) 7440 202052
WEB: www.ecs-electronicsuk.co.uk

Email-sales: uksales@ecs-elecrtronics.com
Email-technical: ukts@ecs-electronics.com

Revision: 0 / 11.11.2026
TO-397-13U