



# TECHnote

## EXPERT - Universal Elektrosatz EXPERT - Universal Wire Harnesses

Der neue EXPERT Universal Elektrosatz von ERICH JAEGER dient als Schnittstelle zwischen Zugfahrzeug und Anhänger. Er unterstützt multiplex Systeme (multiple Funktionsübertragung über eine Ader) / PWM (Pulsweitenmodulation). Der E-Satz kann für fast alle Fahrzeugtypen verwendet werden. Er kann sowohl mit LEDs als auch mit Glühlampen verwendet werden.

The new EXPERT Universal E-Kit by ERICH JAEGER serves as an interface between towing vehicle and trailer. It supports multiplexed systems (multiple functions transmit over one line) / PWM (pulse-width modulation). The E-Kit can be used for nearly all cars. It can be used with LEDs and bulbs.



### Modell Varianten / Model Versions



EXPERT - Universal Elektrosatz  
EXPERT - Universal Wire Harnesses

7P/12V (ISO 1724) Version

13P/12V (ISO 11446) Version

Artikel Nr.  
Part No.

737350

748350

### Eigenschaften / Features

- Anhängererkennung
- Einparkhilfenabschaltung
- Sequentielle Nebelschlusslicht Abschaltung
- Blinker Fehlererkennung
- E-Satz kann für fast alle Fahrzeuge eingesetzt werden
- Zuverlässige Trennung der Zweilichtfunktion
- Großer Betriebsspannungsbereich 9 bis 15 Volt
- Großer Betriebstemperaturbereich -40°C bis +85°C
- Niedriger Ruhestrom < 300 µA
- Unterstützt 4x 21W auf Bremsleuchten und 2x 21W bei allen anderen Lichtausgängen
- Kurzschluss geschützte Ausgänge
- Hält vertauschten Batterieklemmen stand
- Elektromagnetische Interferenz Schutz ECE - R 10 Rev. 4
- Schutzart IP50
- Trailer detection
- PDC cut-off
- Sequential fog light switch-off
- Lamp error detection flash light
- E-Kit can be used for near all cars
- Separates the two light functions reliable
- Wide operating voltage range 9 to 15 Volt
- Wide operating temperature range -40°C to +85°C
- Low quiescent current < 300 µA
- Supports 4x 21W on break light and 2x 21W on all other light outputs
- Short circuit protected outputs
- Resistance against changed battery clamps
- Electromagnetical interference protection ECE – R 10 Rev. 4
- Protection class IP50

**EXPERT Universal Elektrosätze können mit Autos in folgenden Ländern genutzt werden:**

**EXPERT Universal E-Kits can be used with cars in the following countries:**

- |                   |                  |             |               |               |
|-------------------|------------------|-------------|---------------|---------------|
| • Germany*        | • Bulgaria       | • France    | • Netherlands | • Slovakia    |
| • Austria*        | • Croatia        | • Greece    | • Norway      | • Slovenia    |
| • United Kingdom* | • Czech Republic | • Hungary   | • Poland      | • Spain       |
|                   | • Denmark        | • Italy     | • Portugal    | • Sweden      |
|                   | • Estonia        | • Latvia    | • Romania     | • Switzerland |
|                   | • Finland        | • Lithuania | • Russia      | • Turkey      |

\* Nur mit Erweiterungssatz 721124

\* Only with extension kit 721124



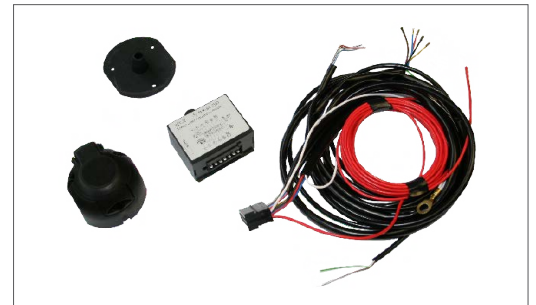
# TECHnote

## Universal Wiring Harness Kit

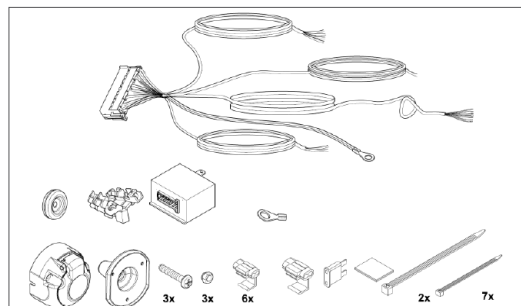
The new universal E-Kit by ERICH JAEGER serves as an interface between towing vehicle and trailer. It supports multiplexed systems (multiple functions transmit over one line) / PWM (pulse-width modulation). The E-Kit can be used for nearly all cars. It can be used with LEDs and bulbs.

The universal E-Kit is suitable for cars in the following countries:

- |                  |             |               |               |
|------------------|-------------|---------------|---------------|
| • Bulgaria       | • France    | • Netherlands | • Slovakia    |
| • Croatia        | • Greece    | • Norway      | • Slovenia    |
| • Czech Republic | • Hungary   | • Poland      | • Spain       |
| • Denmark        | • Italy     | • Portugal    | • Sweden      |
| • Estonia        | • Latvia    | • Romania     | • Switzerland |
| • Finland        | • Lithuania | • Russia      | • Turkey      |



### Model Types



7-pin 12 V (ISO 1724) Universal Wiring Harness Kit

13-pin 12 V (ISO 11446) Universal Wiring Harness Kit

Part No.  
735315

745118

### Features

- E-Kit can be used for nearly all cars
- Can be used with LED and blulbs
- Separates the two light functions reliable (BL /TL or RFL /TL)
- Supports multiplex systems / PWM (pulse-width modulation)
- Supports complete park light compatibility
- Easy to install
- Wide operating voltage range 9 V to 15 V
- Wide operating temperature range -40°C to +85°C
- Low quiescent current < 3 mA
- Supports 4 x 21 W on break light and 2 x 21 W on all other light outputs
- Short circuit protected outputs
- Resistance against changed battery clamps
- Electromagnetical interference protection ECE – R 10 Rev. 4
- Protection class IP50
- Socket with screw terminals

