Part 1:
BMW 1 Series (F20, F21) 03/2014- (without PDC cut off function)
BMW 2 Series (F22) 03/2014-, (F23) 03/2015- (without PDC cut off function)
BMW 2 Active Tourer (F45) 09/2014-
BMW 2 Grand Tourer (F46) 06/2015-

Partnr.: BW-023-B1U

• Fitting instructions electric wiring kit tow bar with 12-N socket up to DIN/ISO Norm 1724.
• We would expressly point out that assembly not carried out properly by a competent installer will resultin cancellation of any right to damage compensation, in particular those arising by virtue of the product liability act.
• Contents of these kits and their fitting manuals are subject to alteration without notice, please ensure that these instructions are read and fully understood before commencing installation.
• Do not overload circuits; the maximum loads per connection are detailed in this manual.
• Attention! Before Installation, please read this manual carefully and inform your customer to consult the vehicle owners manual to check for any vehicle modifications required before towing.
• In the event of functional problems, troubleshooting must be limited to about 0.5 hours, contact the technical support: ukts@ecs-electronics.com / 07440 202 052.

Part list

For 2 Active Tourer (F45), 2 Grand Tourer (F46).

Consult your supplier.

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(F45)
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Grand Tourer
(F46)
06/2015-

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ROUTING

1

2

3

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SOCKET CONNECTION

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4

1

2

3

4

5

4

CAN

H Yellow/Red

L Yellow/Brown

5

CAN H

Yellow/Red

6

7

8

CAN L

Yellow/Brown

9

10

6

1
R
54
STOP
2
Red/White
R1
R
3
Black/White
R1
R
4
Blue/Red
R1
54
STOP
5
Black/Yellow
R1
54
STOP

7

20 Amp.
U1
U2

8

U2
1
2
Code
333

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INFO

BMW 2 Series (F22) 03/2014-

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ROUTING

1

2

3

INFO

SOCKET CONNECTION Pag. 33

4

1

2

3

4

5

6

1
R
54
STOP

2
Red/White
R1
R
3
Black/Grey
R1
R
4
Blue/Red
R1
54
STOP
5
Red/Blue
R1
54
STOP

7

1
CAN
H
Yellow/Red
L
Yellow/Brown
2
CAN H
Yellow/Red
3
Yellow/Red
R2
Yellow/Red
4
R2
Yellow/Red

5
CAN L
Yellow/Brown
6
Brown
R2
Yellow/Brown
7
R2
Yellow/Brown

8

9

2 Pag. 32

INFO

BMW 2 Series Cabrio (F23) 03/2015-

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ROUTING

1

2

3

4

INFO

SOCKET CONNECTION Pag. 33

5

1

2

3

4

6

7

1

R

54 STOP

2 Red/White

R1 R

3 Black/Grey

R1 R

4 Blue/Red

R1 54 STOP

5 Red/Blue

R1 54 STOP

8

1

CAN

H Yellow/Red

L Yellow/Brown

2

CAN H

Yellow/Red

3 Yellow/Red

R2 Yellow/Red

4

R2 Yellow/Red

5

CAN L

Yellow/Brown

6 Brown

R2 Yellow/Brown

7

R2 Yellow/Brown

9

10

2 Pag. 32

INFO

BMW 2
Active Tourer
(F45)
09/2014-

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ROUTING

1

2

3

4

Option 1

Option 2

5

Option 1

Option 2

6

7

8

INFO

SOCKET CONNECTION Pag. 33

9

1

2

3

4

10

10 mm

G

M

11

1
R
54
STOP

2
Red/White
R1
R
3
Blue/Grey
R1
R

4
Blue/Red
R1
54
STOP
5
Black/Yellow
R1
54
STOP

12

1

CAN

H Red

L Yellow

2

CAN H

Red

3

4

5

CAN L

Yellow

6

7

13

Option 1

Pos. 108

20 Amp.

Option 2

Pos. 131

20 Amp.

14

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INFO

BMW 2 Grand Tourer (F46) 06/2015-

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ROUTING

1

2

3

4

5

6

Option 1

Option 2

7

Option 1

Option 2

8

9

10

INFO

SOCKET CONNECTION Pag. 33

11

1

2

3

4

12

10 mm
2
3
G
1
M

13

1
R
54
STOP
2
Red/White
R1
R
3
Blue/Grey
R1
R
4
Blue/Red
R1
54
STOP
5
Black/Yellow
R1
54
STOP

14

1

CAN

H Red

L Yellow

2

CAN H

Red

3

Yellow/Red

R2

Red

4

R2

Red

5

CAN L

Yellow

6

Brown

R2

Yellow

7

R2

Yellow

15

Option 1

Pos. 108

20 Amp.

Option 2

Pos. 131

20 Amp.

16

2 Pag. 32

A

! TEST ALL THE CIRCUITS WITH A TEST DEVICE WITH THE CORRECT POWER LOAD FOR EACH FUNCTION. A TEST DEVICE WITH LED'S CANNOT BE USED FOR THIS PURPOSE.

INFO

REINSTALL TRIM.

B

INFO

SOCKET CONNECTION

DIN/ISO 1724	⇦	🚗	⏚ 1-7	⇨	☼	STOP	☼
	1/L	2	3/31	4/R	5/58-R	6/54	7/58-L
Pmax	21W	21W		21W	42W	3x21W	42W
Colour	Yellow	Blue	White	Green	Brown	Red	Black

All models

A

Option 1

Option 2

INFO

SOCKET CONNECTION Pag. 32

B

Option 1

1

2

3

C

Option 2

1

2

3

UN-243-YZ Reverse lamp pre-wire extension