

BMW Z3 Build Notes

BMW Model Kit
Tamiya 1/24 series #166

Possible Wheel Options:

eightyone RM030 1/24 scale

<https://www.toms.nl/thescalmodeler/article/rm030>

<https://www.bnamodelworld.com/model-cars-motorcycles-wheels-tyres-factory81-f81-rm030?zenid=9a67d93cc46ba8164d07062db47a7f3c>

<http://www.eightyone81.com/category/products/rims/>

Electrical

Lighting Circuits

| Circuit | Led Q | Color | Type | Description | Connection |
|---------|-------|-------|---------------|-----------------------|------------------------------|
| 1 | 1 | Wht | 1.8mm | Dash | Frnt – driver |
| | 2 | Yel | | Front Parking | P2 |
| | 2 | Red | | Rear Tail | ----- Rear – driver P2 |
| 2 | 2 | Wht | 1.8mm | Fog Lights | Frnt – driver P3 |
| 3 | 2 | Yel | 1.8mm Pico | Front/Rear Left Turn | Rear– driver P3 |
| | 1 | Yel | | Side Left Turn | |
| 4 | 2 | Yel | 1.8mm Pico | Front/Rear Right Turn | Rear– driver P6 |
| | 1 | Yel | | Side Right Turn | |
| 5 | 2 | Red | 1.8mm | Rear Brake | Rear P5 |
| | 2 | Red | | Center Brake | |
| 6 | 2 | Wht | 1.8mm | High Beam | Frnt – driver P6 |
| 7 | 2 | Wht | 1.8mm | Headlights | Frnt – driver P5 |

IR Codes

| Key | Code | Description |
|-------|------|---------------------|
| Ok | 28 | Lights On/Off |
| Up | 24 | Head Lights |
| Left | 8 | Left Turn (Blink) |
| Right | 90 | Right Turn (Blink) |
| Down | 82 | Brake Lights (Hold) |
| * | 22 | High Beam Lights |
| # | 13 | Fog Lights |

Body Paint Details:

Vallejo Primer

Scale Finishes BMW Sienna Red #362

Scale Finishes (Custom body paint) - <http://www.scalefinishes.com>

Paint Options:

<https://scalefinishes.com/>

Custom Paint
Car Manufacture - BMW
Color Code - 362 - SIENAROT II, STANDARD
Color Name - Sienna Red
Approx Year of Manufacture - 2002

BMW
362 - SIENAROT II
7777704 APPLYUNDERCOAT
BSB - BSB
***** STANDARD *****
MC
57E
Start
1997
Created on
5/13/99
CB
RA3027A
End
0
Modified on 4/24/13

Tamiya X-22 clear/Mr.Color Leveling thinner 50/50 mix

Tamiya black panel liner

Tamiya X-22 clear/Mr.Color Leveling thinner 50/50 mix - final clear coat

Interior Paint:

Tamiya Custom Taupe mix

Electronics:

LED Lighting: Evans Designs. 1.8mm and Pico size LED's

Micro controller - ATtiny85 x2, AVR Microcontroller

Links:

Evan Designs (LED's) - <https://evandesigns.com/>

Scale Finishes (Custom body paint) - <http://www.scalefinishes.com>