

# JC WHEEL DYNAMIC PTE LTD

48 TOH GUAN ROAD EAST

ENTERPRISE HUB #02-109

Phone Number: 92209972 TAN

Fax Number:

Customer: Date: 1/19/2022 5:33 PM  
Company: GOLD AUTOWORKS VIN  
License NO: SKN2185H Technician: TAN  
Odometer: Order NO:

## VEHICLE ALIGNMENT REPORT

BMW, X SERIES (X3-F25) Sports Suspension, 11-11 (Customized)

| Primary Angles    |                  | Initial | Specifications |         | Final  |        |
|-------------------|------------------|---------|----------------|---------|--------|--------|
|                   |                  |         | Min.           | Max.    |        |        |
| Front             | Caster           | Left    | ----           | 99.99°  | 99.99° | ----   |
|                   |                  | Right   | ----           | 99.99°  | 99.99° | ----   |
|                   | Camber           | Left    | 4.29° ✓        | -0.75°  | 0.08°  | 4.37°  |
|                   |                  | Right   | 0.14°          | -0.75°  | 0.08°  | 0.10°  |
|                   | Toe              | Left    | 11.3mm         | 0.1mm   | 0.5mm  | 7.0mm  |
|                   |                  | Right   | 3.7mm          | 0.1mm   | 0.5mm  | 8.1mm  |
| Total             |                  | 15.0mm  | 0.2mm          | 1.1mm   | 15.1mm |        |
| Rear              | Camber           | Left    | -1.00°         | -1.58°  | -1.42° | -1.00° |
|                   |                  | Right   | -1.07°         | -1.58°  | -1.42° | -1.07° |
|                   | Toe              | Left    | 2.0mm          | 0.4mm   | 0.8mm  | 2.0mm  |
|                   |                  | Right   | 0.3mm          | 0.4mm   | 0.8mm  | 0.4mm  |
|                   |                  | Total   | 2.4mm          | 0.8mm   | 1.7mm  | 2.4mm  |
|                   | Max Thrust Angle |         | -0.14°         | 0.20°   |        | -0.13° |
| Secondary Angles  |                  | Initial | Specifications |         | Final  |        |
|                   |                  |         | Min.           | Max.    |        |        |
| SAI               | Left             | ----    | 99.99°         | 99.99°  | ----   |        |
|                   | Right            | ----    | 99.99°         | 99.99°  | ----   |        |
| Included Angle    | Left             | ----    | 99.99°         | 99.99°  | ----   |        |
|                   | Right            | ----    | 99.99°         | 99.99°  | ----   |        |
| Toe Out On Turns  | Left             | ----    | 1.00°          | 2.00°   | ----   |        |
|                   | Right            | ----    | 1.00°          | 2.00°   | ----   |        |
| Max Turn Inside   | Left             | ----    | ----           | ----    | ----   |        |
|                   | Right            | ----    | ----           | ----    | ----   |        |
| Toe Curve Change  | Left             | ----    | 0.00°          | 199.98° | ----   |        |
|                   | Right            | ----    | 0.00°          | 199.98° | ----   |        |
| Setback           | Front            | -16mm   | 2540mm         | 2540mm  | -16mm  |        |
|                   | Rear             | 3mm     | 2540mm         | 2540mm  | 3mm    |        |
| Track Width Diff. |                  | -4mm    |                |         | -4mm   |        |
| Wheel Base Diff.  |                  | -19mm   |                |         | -19mm  |        |
| Front Ride Height | Left             | ----    | 667mm          | 687mm   | ----   |        |
|                   | Right            | ----    | 667mm          | 687mm   | ----   |        |
| Rear Ride Height  | Left             | ----    | 664mm          | 684mm   | ----   |        |
|                   | Right            | ----    | 664mm          | 684mm   | ----   |        |
| Frame Angle       |                  |         |                |         | ----   |        |

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