



ROT.D32HP-BMW

Ref: BMW H3 503 577

**BMW
GROUP**



**ROTARY
SOLUTIONS**



DE.

Kompaktes 3D Achsmessgerät mit komplett kabelloser Mess- und Übertragungstechnik.

Kompensationsfreie BMW Radhalter.

Leichte unempfindliche 3D Reflektoren.

Passt auf den kleinsten Arbeitsplatz.

Einfache Chassiskontrolle zur Unfallvermessung.

Neue BMW Fahrzeugdatenbank-Software.

EN.

Compact 3D wheel aligner with completely wireless measuring and data transfer.

Equipped with specific BMW no run out clamps.

Light and easy to handle targets.

Ideal also for work bays with limited space.

Easy chassis control for damaged vehicles.

New BMW vehicle database software.

IT.

Assetto ruote 3D compatto, con sistema di misura e trasmissione dati completamente senza cavi.

Griffe BMW che non richiedono la compensazione.

Target 3D maneggevoli e leggeri.

Ideale anche per le postazioni di lavoro di dimensioni ristrette.

Controllo rapido del telaio per veicoli accidentati.

Nuovo software banca dati veicoli BMW.

FR.

Appareil de géométrie 3D compact avec mesure et transfert de données entièrement sans fil.

Équipé de pinces spécifiques BMW sans compensation.

Cibles légères et faciles à manipuler.

Idéal pour les ateliers à espace restreint.

Contrôle aisé du châssis des véhicules accidentés.

Nouveau logiciel de base de données véhicules BMW.

ES.

Alineador de ruedas 3D compacto con medición y transferencia de datos totalmente inalámbricas.

Equipado con abrazaderas específicas BMW para evitar la excentricidad.

Objetivos ligeros y fáciles de manipular.

Ideal también para talleres con espacio limitado.

Control sencillo del chasis en vehículos dañados.

Nuevo software de base de datos de vehículos BMW.

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Date: 5/19/2022 11:10:56 PM

Software version 1.1.3
Firmware version UIC - R15 -

Source DB
Aligner59_Custom_BMW_Rev.9519

Customer: Test

Technician Number Technician

Vehicle

V.I.N.:

Reg. number

Km:

Initial registration

Vehicle: BMW[5*]G30[RWD][Series chassis][Rim diam. 17"]

Chassis n.:

5A0DFB8

225/55 R17 7.5x17 ET27 225/55 R17 7.5x17 ET27

Vehicle / Tyre inspection Rear Axle

Measurement data

Target data

Tyre Pressure Left Diff. Right +2.4 bar +0.1 bar +2.5 bar (+0.2 bar)

Tread depth Left Diff. Right +7.0 mm +1.0 mm +8.0 mm (+2.0 mm)

Tyre identification (star) Left Diff. Right NO NO NO

Vehicle / Tyre inspection Front Axle

Measurement data

Target data

Tyre Pressure Left Diff. Right +2.2 bar +0.0 bar +2.2 bar (+0.2 bar)

Tread depth Left Diff. Right +5.0 mm +1.0 mm +6.0 mm (+2.0 mm)

Tyre identification (star) Left Diff. Right NO NO NO

Rear axle

Initial Measurement

Target data

Final Measurement

Ride Height (H3) Left 622 ed mm 502 mm [602 mm] 722 mm 622 ed mm

Right 623 ed mm 623 ed mm

Front axle

Initial Measurement

Target data

Final Measurement

Ride Height (H3) Left 620 ed mm 517 mm [617 mm] 724 mm 620 ed mm

Right 621 ed mm 621 ed mm

Steering Wheel Angle

Initial Measurement

Target data

Final Measurement

Target data

Left -0°18' -1°00' 0°00' +1°00'

Right -1°00' -0°00' +1°00'

Rear axle

Initial Measurement

Target data

Final Measurement

Target data

Camber Left -1°17' -0°25' [-1°19'] +0°25' +0°24' -0°25' [-1°19'] +0°25'

Right -1°22' -0°25' [-1°18'] +0°25' +0°29' -0°25' [-1°18'] +0°25'

Cross Camber 0°05' [+0°30'] 0°05' [+0°30']

Partial toe Left -0°01' -0°09' +0°08'

Right -0°09' +0°07'

Total toe Left -0°10' -0°12' [+0°14'] +0°12' +0°15' -0°12' [+0°14'] +0°12'

Thrust angle Left +0°04' -0°12' [+0°00'] +0°12' +0°00' -0°12' [+0°00'] +0°12'

Front axle

Initial Measurement

Target data

Final Measurement

Target data

Camber Left -0°54' -0°30' [-0°06'] +0°30' +1°46' -0°30' [-0°06'] +0°30'

Right -0°52' -0°30' [-0°05'] +0°30' +1°41' -0°30' [-0°05'] +0°30'

Cross Camber 0°02' [+0°30'] 0°05' [+0°30']

Partial toe Left +0°03' +0°01'

Right +0°13' -0°04'

Cross Toe Left 0°10' [+0°12'] 0°05' [+0°12']

Total toe Left +0°16' -0°12' [+0°14'] +0°12' -0°03' -0°12' [+0°14'] +0°12'

Set-back Left -0°14' +0°14'

Caster Left +2°50' +2°50'

Right +4°01' +4°01'

King-pin Left +9°01' +9°01'

Right +17°41' +17°41'

Toe-out on turns (20°) Left +2°16' +2°16'

Right +1°45' +1°45'

Max Steer To Left Left -31°58' -31°58'

Right +29°59' +29°59'

Max Steer To Right Left +25°30' +25°30'

Right -34°45' -34°45'

Underlined data

Measurement data out of tolerance

ed = Manual Entry

Yes

Valid values (Tread depth)

Yes

Valid values (Tyre Pressure)

Yes

Does the vehicle conform to the condition as delivered by the plant? (no chassis-related modifications or retrofits)

Yes

Are all suspension components in a proper condition?

Yes

Position the steering wheel balance in the steering wheel.

No

If the steering wheel angle or drive axle angle is outside the tolerance range, the total toe is not evaluated. Only the partial toe is evaluated.

DE. Ausgangsvermessung und Ausdrucksvorschau.

EN. Test completed with print preview.

IT. Fine prova e preview di stampa.

FR. Test terminé avec aperçu avant impression.

ES. Prueba completada con vista previa de impresión.



DE. Hochauflösende Kameras. Digitale Istwertanzeige. Tastenfeld mit Fernbedienungsfunktion.

EN. Megapixel high resolution cameras. Digital display. Keyboard with remote-control function.

IT. Telecamere megapixel ad alta risoluzione. Display digitale. Tastiera con funzione comando a distanza.

FR. Appareils photo haute résolution (mégapixels). Écran numérique. Clavier avec fonction télécommande.

ES. Cámaras de alta resolución megapíxel. Pantalla digital. Teclado con función de control remoto.



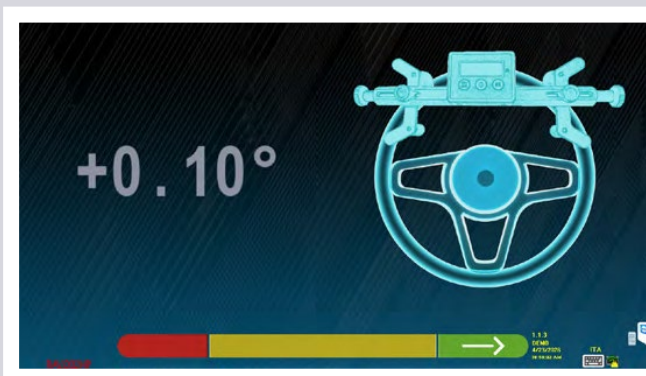
DE. Geführte Einstellungen, ohne auf den Bildschirm schauen zu müssen.

EN. Guided adjustments with no need to see the monitor.

IT. Regolazioni guidate senza dover guardare il monitor.

FR. Réglages guidés sans avoir besoin de regarder l'écran.

ES. Ajustes guiados sin necesidad de mirar el monitor.



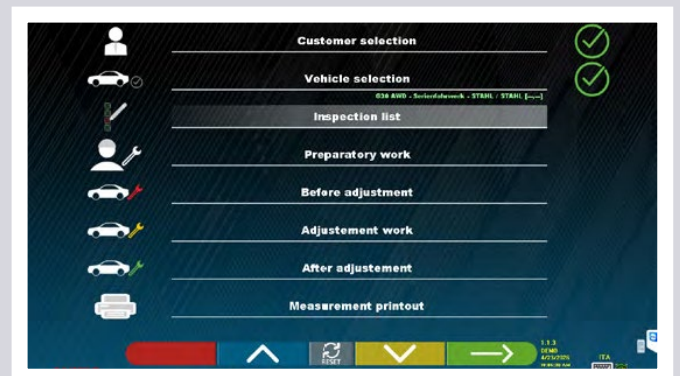
DE. Lenkradwaage.

EN. Steering wheel gauge.

IT. Livella elettronica.

FR. Bloque-volant.

ES. Calibre del volante.



DE. Menü bzw. Programmablauf nach BMW-Vorgabe.

EN. Menu with sequence of BMW program.

IT. Menù con sequenze in successione del programma BMW.

FR. Menu avec séquence du programme BMW.

ES. Menú con la secuencia del programa BMW.



DE. Höhenstandsmessung mittels speziellen Reflektoren.

EN. Ride height measurement with dedicated targets.

IT. Misura delle altezze telaio con Mini-target dedicati.

FR. Mesure de la hauteur de caisse avec des cibles dédiées.

ES. Medición de la altura de la carrocería con objetivos específicos.



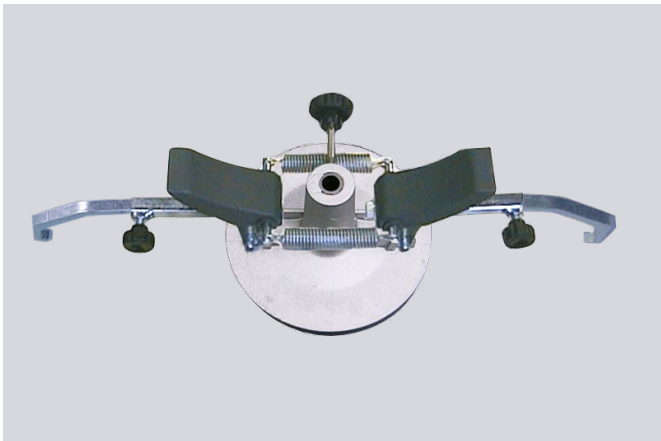
STDA119BMW



STDA119BMW



STDA134



STDA37



DE. HAWEKA Lenkradwaage (optional).
Auch kompatibel mit Romess - Lenkradwaage.

EN. HAWEKA steering wheel gauge (optional)
Also compatible with Romess gauge.

IT. HAWEKA livella elettronica (opzionale).
Compatibile anche con la livella Romess.

FR. HAWEKA bloque-volant (optionnel).
Également compatible avec l'échelle Romess.

ES. HAWEKA calibre del volante (optionnel).
Également compatible avec l'échelle Romess.

DE
Fahrwagen mit 27" Monitor.
Windowsbasierendes Betriebssystem.
Software nach BMW Vorgaben.
2 Messsensoren, Kabellos.
4 Reflektoren.
2 Paar Spannhaltern STDA37 mit Schnellspannvorrichtung.
4 Höhenstandsmesser STDA119BMW.
4 Drehteller STDA134 nach BMW Vorgaben.

EN
Cabinet with 27" monitor.
Windows based software.
BMW specific software.
2 wireless sensors.
4 targets.
2 pair STDA37 clamps complete with quick lock device.
4 ride height targets STDA119BMW.
4 special STDA134 BMW turn tables.

IT
Mobile con monitor 27".
Sistema operativo su base Windows.
Software specifico BMW.
2 sensori senza cavi.
4 target.
2 coppie di graffe STDA37 comprensive di gruppi di bloccaggio rapido.
4 target altezza telaio STDA119BMW.
4 piatti rotanti STDA134 specifici BMW.

FR
Armoire avec écran 27 pouces.
Système d'exploitation Windows.
Logiciel spécifique BMW.
2 capteurs sans fil.
4 cibles.
2 paires de pinces STDA37 avec système de verrouillage rapide.
4 cibles de hauteur de châssis STDA119 BMW.
4 plateaux pivotants STDA134 spécifiques BMW.

ES
Gabinete con monitor de 27".
Software para Windows.
Software específico para BMW.
2 sensores inalámbricos.
4 objetivos.
2 pares de abrazaderas STDA37 Incluye sistema de bloqueo rápido dispositivo.
4 alturas de marco objetivo STDA119BMW.
4 platos giratorios STDA134 específicos para BMW.