



RAV.D32HP-BMW

Ref: BMW H3 503 577

**BMW
GROUP**

 **Ravaglioli**



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.

Date:	5/19/2026 11:10:56 PM	Source DB
Software version	Firmware version	Aligner59_Custom_BMW_Rev.9519
1.1.3	UE - R45 -	
Customer:	Test	
Technician Number	Technician	
Vehicle		Order
V.I.N.:	1234567	User
Reg. number	aa-bb-1234	Job Number/Item
Km:	321	Test
Initial registration	321321321	
Vehicle:	BMW[5*][G30][RWD][Series chassis][Rim diam. 17"]	Chassis n.:
	225/55 R17 7.5x17 ET27 225/55 R17 7.5x17 ET27	5A0DFB8
Vehicle / Tyre inspection Rear Axle		
Measurement data		
Tyre Pressure	Left Diff. Right	Target data
	+2.2 bar +0.0 bar +2.5 bar	(+0.2 bar)
Tread depth	Left Diff. Right	Target data
	+7.0 mm +1.0 mm +8.0 mm	(+2.0 mm)
Tyre identification (star)	Left Right	NO
Vehicle / Tyre inspection Front Axle		
Measurement data		
Tyre Pressure	Left Diff. Right	Target data
	+2.2 bar +0.0 bar +2.2 bar	(+0.2 bar)
Tread depth	Left Diff. Right	Target data
	+5.0 mm +1.0 mm +6.0 mm	(+2.0 mm)
Tyre identification (star)	Left Right	NO
Rear axle		
Initial Measurement		
Ride Height (H3)	Left	622 ed mm
	Right	623 ed mm
Front axle		
Initial Measurement		
Ride Height (H3)	Left	620 ed mm
	Right	621 ed mm
Steering Wheel Angle		
Initial Measurement		
Steering Wheel Angle	Left	-0°18'
	Right	-1°00'
Rear axle		
Initial Measurement		
Camber	Left	-1°17'
	Right	-1°22'
Cross Camber		
Cross Camber	Left	0°05'
	Right	0°09'
Partial toe		
Partial toe	Left	-0°10'
	Right	-0°12'
Thrust angle		
Thrust angle	Left	+0°04'
	Right	+0°00'
Front axle		
Initial Measurement		
Camber	Left	-0°54'
	Right	-0°52'
Cross Camber		
Cross Camber	Left	+0°03'
	Right	+0°13'
Partial toe		
Partial toe	Left	0°10'
	Right	+0°12'
Cross Toe		
Cross Toe	Left	+0°16'
	Right	+0°12'
Set-back		
Set-back	Left	-0°14'
	Right	-0°14'
Caster		
Caster	Left	+2°50'
	Right	+4°01'
King-pin		
King-pin	Left	+9°01'
	Right	+17°41'
Toe-out on turns (20°)		
Toe-out on turns (20°)	Left	+2°16'
	Right	+1°45'
Max Steer To Left		
Max Steer To Left	Left	-31°58'
	Right	+29°59'
Max Steer To Right		
Max Steer To Right	Left	+25°30'
	Right	-34°45'
Underlined data		
Measurement data out of tolerance		
ed = Manual Entry		
Valid values (Tread depth)		
Valid values (Tyre Pressure)		
Does the vehicle conform to the condition as delivered by the plant? (no chassis-related modifications or retrofits)		
Are all suspension components in a proper condition?		
Position the steering wheel balance in the steering wheel.		
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.



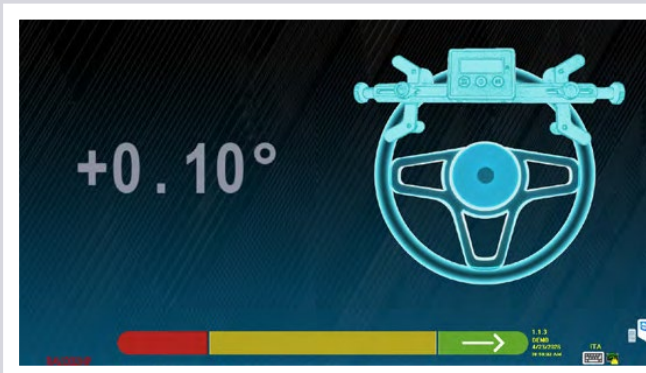
DE. Geführte Einstellungen, ohne auf den Bildschirm schauen zu müssen.

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.



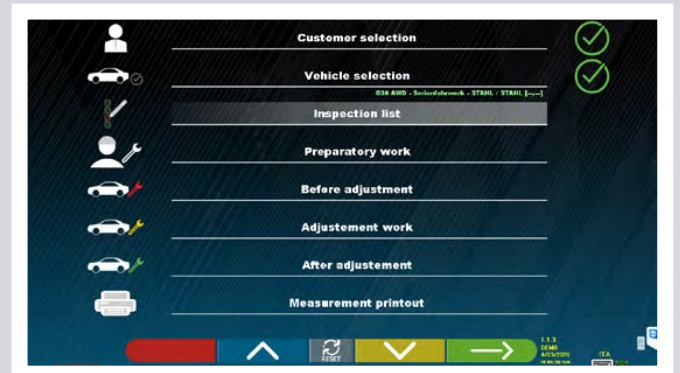
DE. Lenkradwaage.

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.



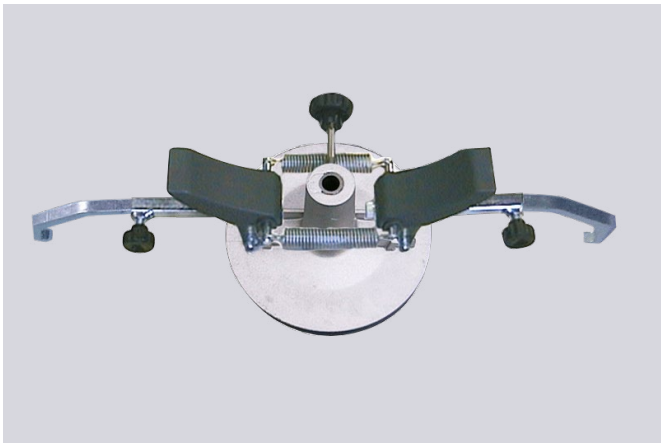
STDA119BMW



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.