

BMW Tools

Steering 32

Tool Number	Application	Models	
321090	SNAP-RING DRIVER For installing upper snap-ring on steering spindle when securing steering wheel with nut	E34, E31, E32, E36, E38, E39	NEW 
KK129-0	UNIVERSAL BALL JOINT PULLER 2-STAGE Scissor type puller allows access to difficult to reach and obstructed ball joints. 2-stage action allows removal of spindles up to 50mm in length. Particularly useful for control arms from steering knuckle. Mfg. by Kukko of Germany.	All	
KK129-1	UNIVERSAL BALL JOINT PULLER Removes most tie rod ball joints without tearing the rubber boot. Removes wheel control ball joint from E30, E34 (525ix), E36, E46, Z1,Z3. Removing track rod from wheel carrier E34(525ix). Mfg. by Kukko of Germany.	E30, E34, E36, Z1, Z3, E46, E85, R50, R52, R53	
KK128-2	TIE ROD BALL JOINT PULLER - 23-32mm Puller for separating tie rod and steering knuckle ball joints without tearing ball joint boots. Mfg. by Kukko of Germany.	E38, E39, R50, R52, R53	
322040	BALLJOINT PULLER Removes steering track rod balljoints from the steering gear (drop) arm and the steering idler arm.	E24, E28, E34	
323080	TOE-IN SETTING TOOL For setting toe-in on rear axle-rear axle with KDS.	E36, Z3	NEW 
323030	TOE-IN ADJUSTER Setting tool for adjusting toe-in at rear axle on models with KDS. E36 from 3/98.	E36, E46, E85	NEW 
323140	CAMBER ADJUSTER Use this fixture to adjust the front camber on late model 3 series with KDS.	E38, E39, E46, E53, E65, E66, E67, E85, E87	NEW 
323190	CAMBER ADJUSTING TOOL Use to adjust front camber.	E60, E61, E63, E64	NEW 
323160	CAMBER ADJUSTING WRENCH INSERT - 38mm Use to set the camber on the front axle. Drive 9x14mm for torque wrench #ST730/5. Mfg. Stahlwille of Germany	E53, E60, E61, E63, E64, E65, E66, E67, E83	NEW 

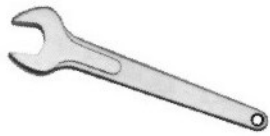

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323110	STEERING COLUMN IGNITION LOCK RELEASE PIN Use to release lock detent when removing steering wheel lock cylinder.	E31, E32, E34, E36, E38, E39, Z3, E46, E60, E61, E63, E64, E83, E85, R50, R52, R53	NEW 
323040	STEERING ANGLE SENSOR INSTALLER Slip bushing for installing the steering angle sensor on the steering column.	E46, E85	NEW 
ST1445	TAMPER PROOF TORX BIT - T30 Special bit with borehole for releasing and tightening Airbag sensor on wheel house and rollbar sensor on the E36 convertible.	All	
323170	AIRBAG LEVER Use to pry airbag from steering wheel mount.	E65, E66, E67	NEW 
ST40TX-E8	TORX SOCKET - E8 FEMALE 1/4" DRIVE Tightens shear bolt on steering column. (BMW #323120)	E12, E21, E23, E24, E28, E30, E31, E32, E34, E36, E38, E39	
321030	HYDRAULIC LINE LEVER Use to remove hydraulic lines from the steering gear assembly on models with plastic FCD caps.	E60, E61, E63, E64, E65, E66, E67, E83, E85, E87	NEW 
321300	HYDRAULIC LINE TOOL Use to disconnect hydraulic lines on vehicles equipped with N73 V12 engines. Metal FDC clutches.	E65, E67, E83	NEW 
323100	STEERING COLUMN SET NUT CROWFOOT Crowfoot for setting nut on steering spindle with adjustable steering column. Use with 002050. Not for E38 or E39 models.	E12, E21, E23, E24, E28, E30, E31, E32, E34, E36	
ST24-17X19	POWER STEERING PUMP WRENCH - 17X19mm Special reinforced line wrench for power steering pressure lines.	E12, E21, E23, E24, E28, E30, E31, E32, E34, E36, E38, E39	
T9A-32	SPECIAL THIN WRENCH - 32mm Use to remove RIGHT tie rod mount. Extra thin.	E21, E30, E36, E65, E66	

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Tool Number	Application	Models	
T9A-27	SPECIAL THIN WRENCH - 27mm Use to remove LEFT tie rod mount.	E21, E30	
ST10625	HOSE CLAMP PLIERS Pincer type pliers removes and fastens ear crimp type clamps.	All	
ST10625/2	HOSE CLIP PLIER - EARLESS Use to close hose clips that do not have ears, such as found on shaft sleeves of VW, Audi, BMW, Mercedes and Toyota.	All	NEW 