

2021 ENGINE

Engine Mechanical - 3.6L (LGZ) - Special Tools and Equipment - Canyon, Colorado

SPECIAL TOOLS AND EQUIPMENT

SPECIAL TOOLS

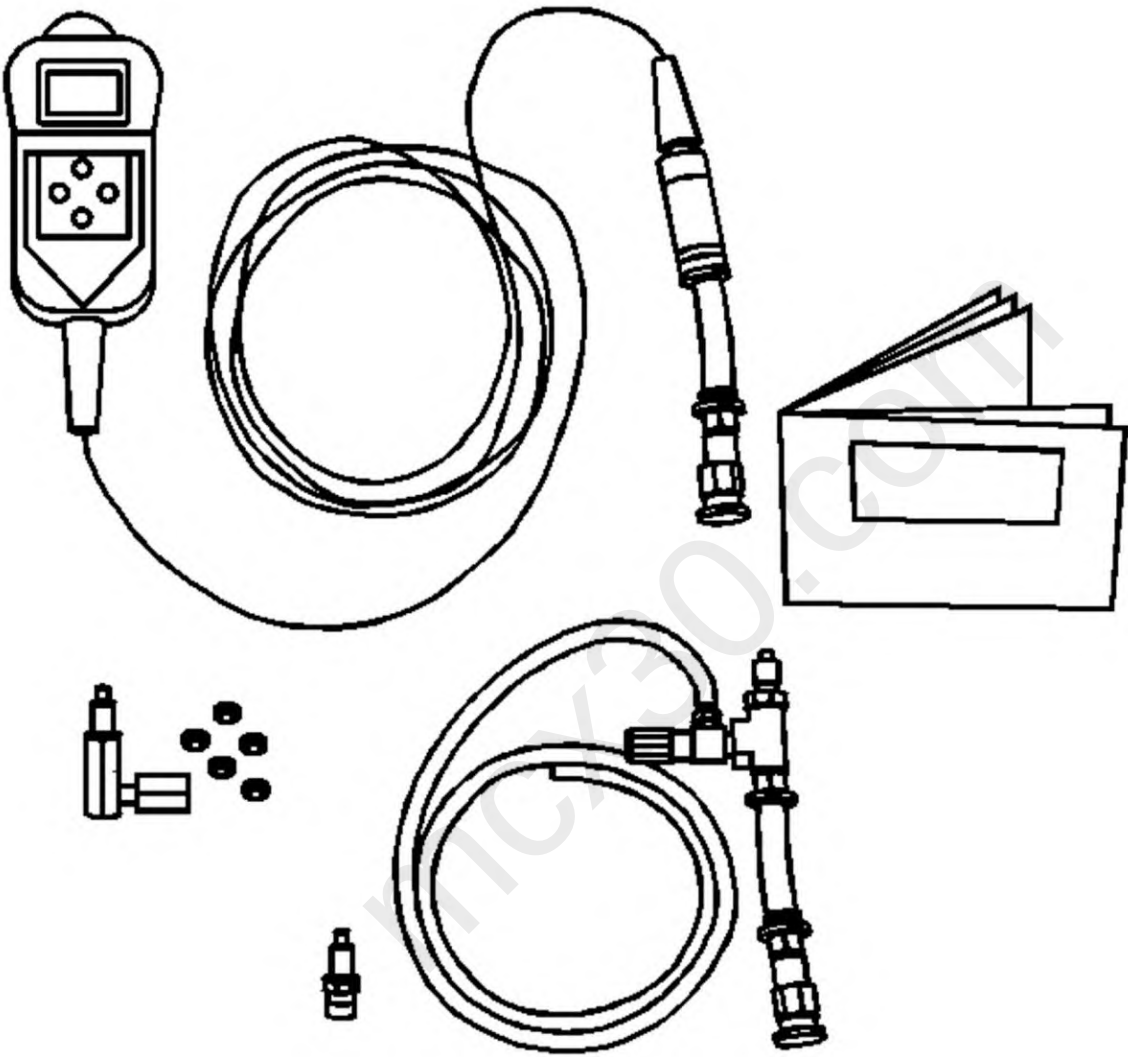
Illustration	Tool Number/Description
	CH-48027 DW-100-010 EN-49495 J-21867 Digital Pressure Gauge

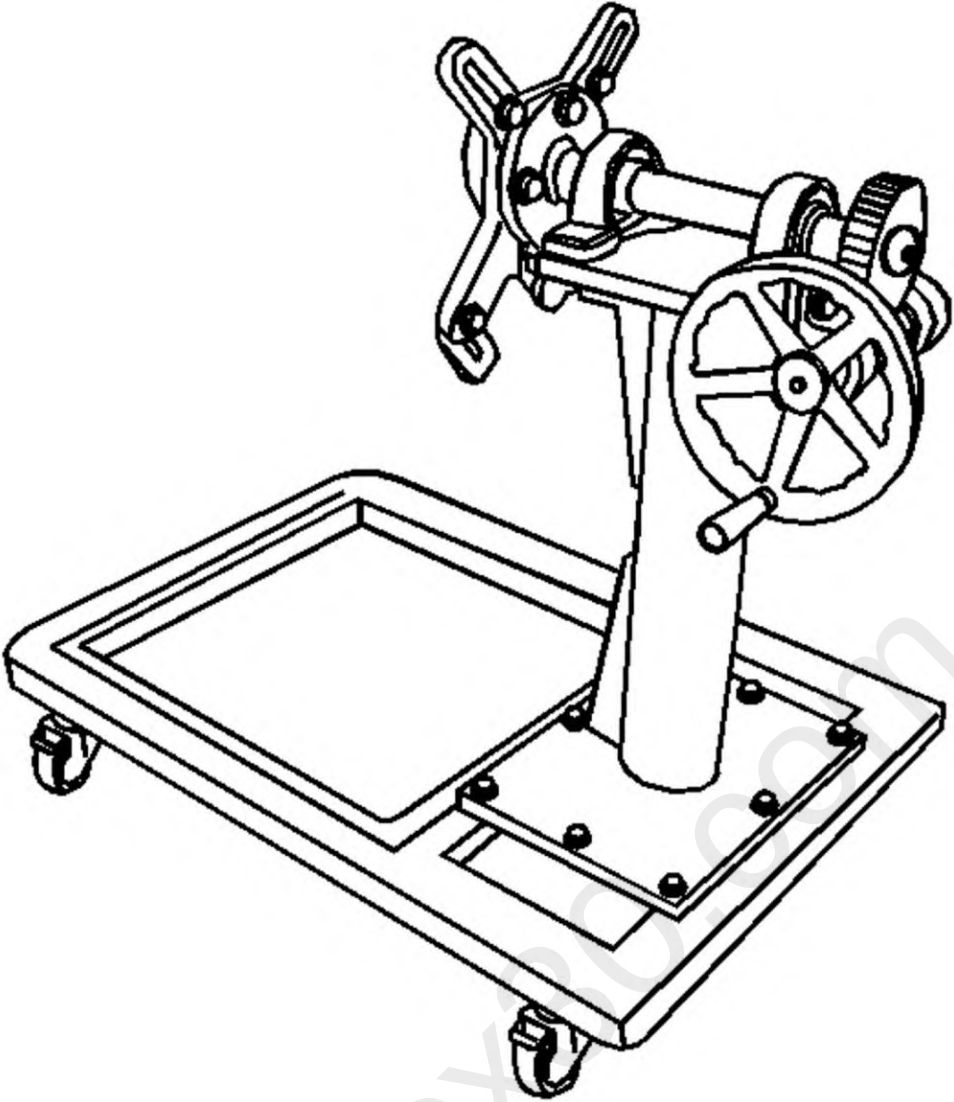
Illustration	Tool Number/Description
	DW-110-030 Engine Overhaul Stand

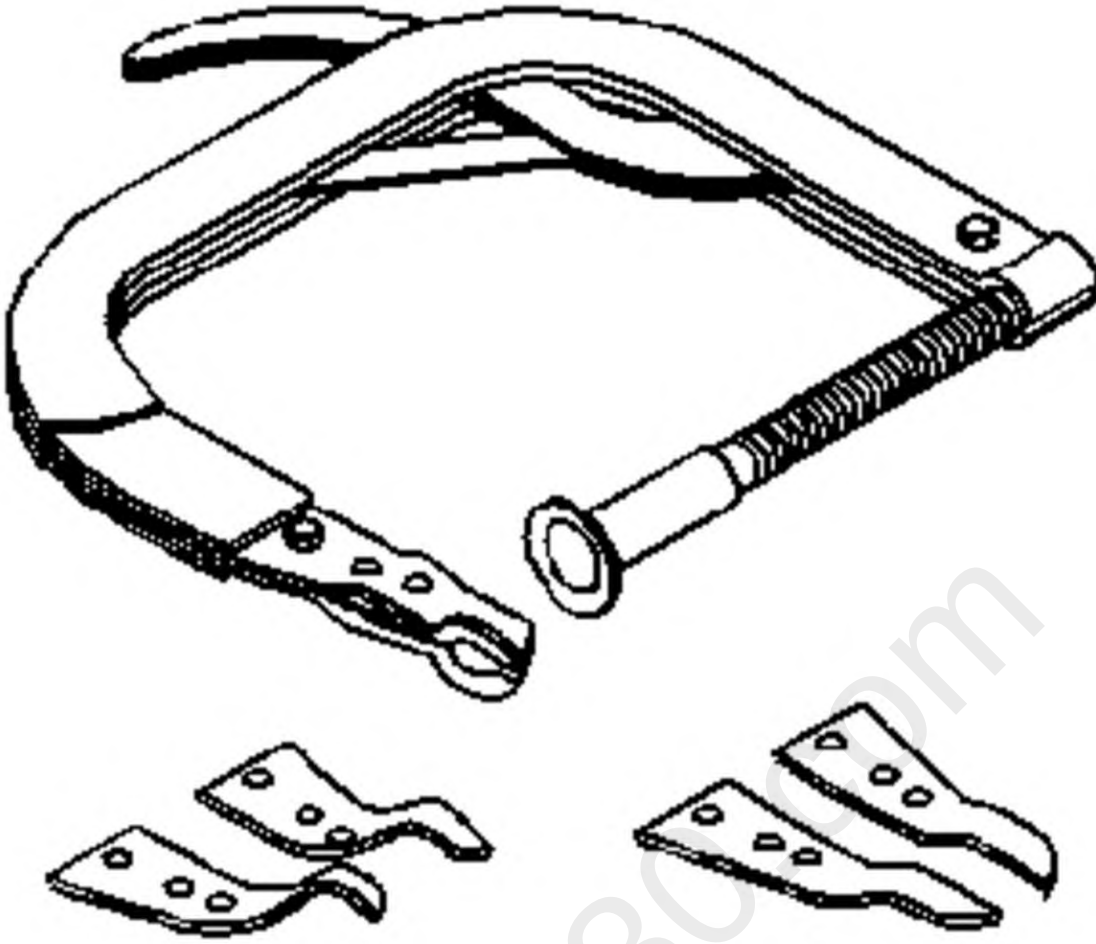
Illustration	Tool Number/Description
	EN-8062 J-8062 Valve Spring Compressor - Head Off

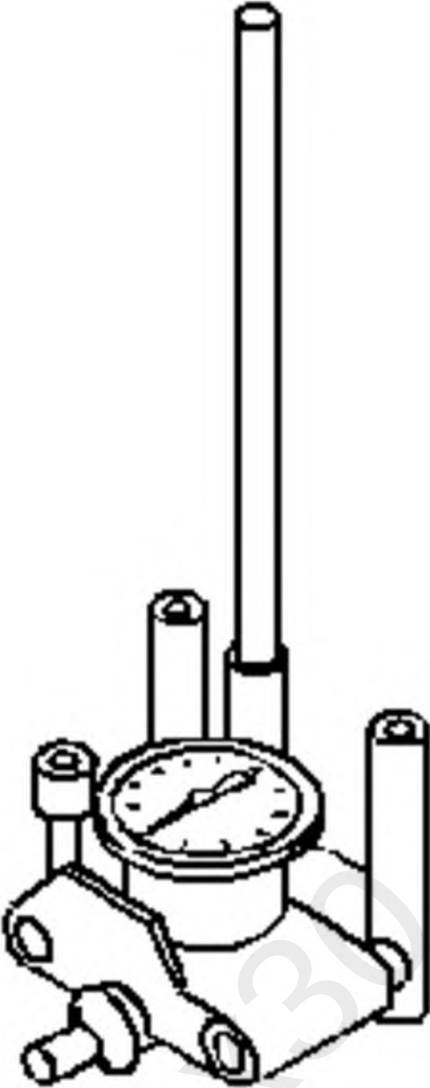
Illustration	Tool Number/Description
	EN-8087 J-8087 Cylinder Bore Gauge

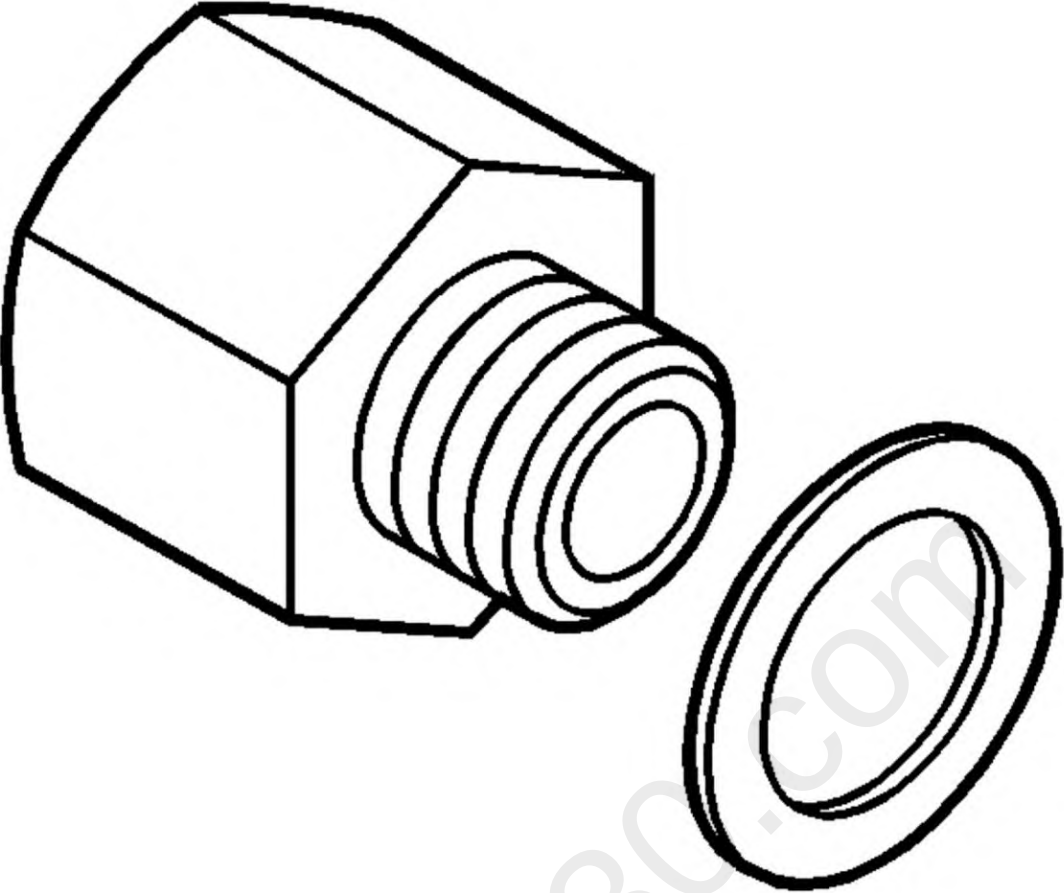
Illustration	Tool Number/Description
 A technical line drawing of an oil pressure adapter fitting. The main component is a hexagonal body with a threaded section on one end. A separate circular flange is shown next to it. A watermark 'mcx30.com' is visible across the drawing.	EN-21867-6 J-21867-6 83 93 852 Oil Pressure Adapter Fitting

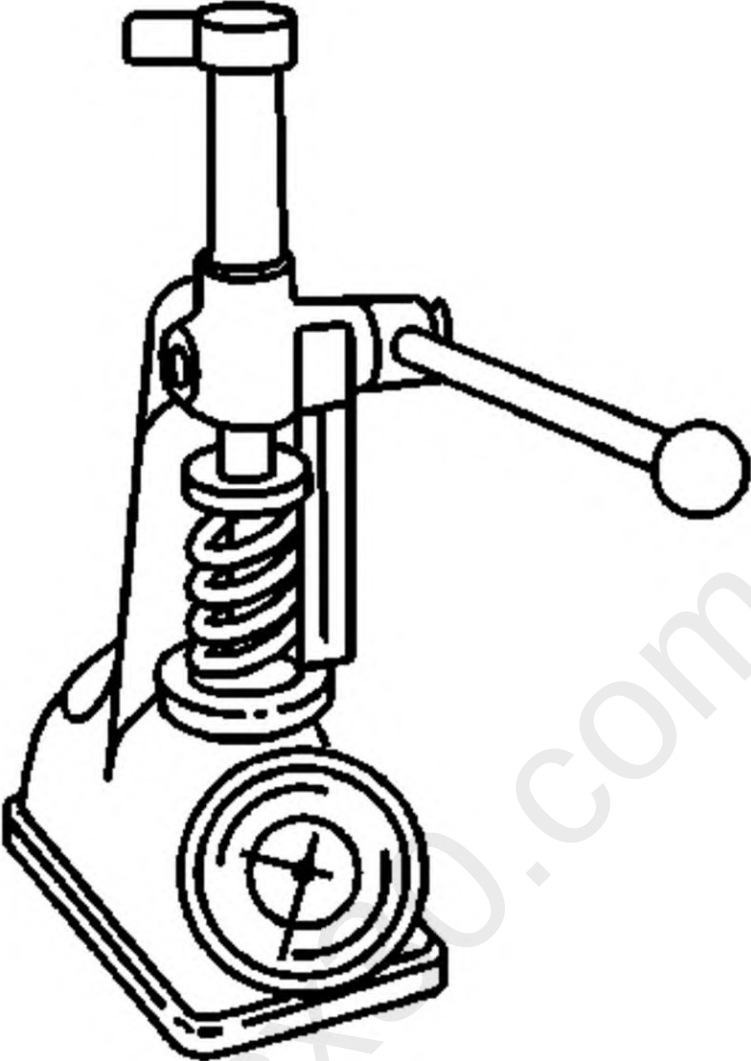
Illustration	Tool Number/Description
	EN-22738-B J-22738-B Valve Spring Tester

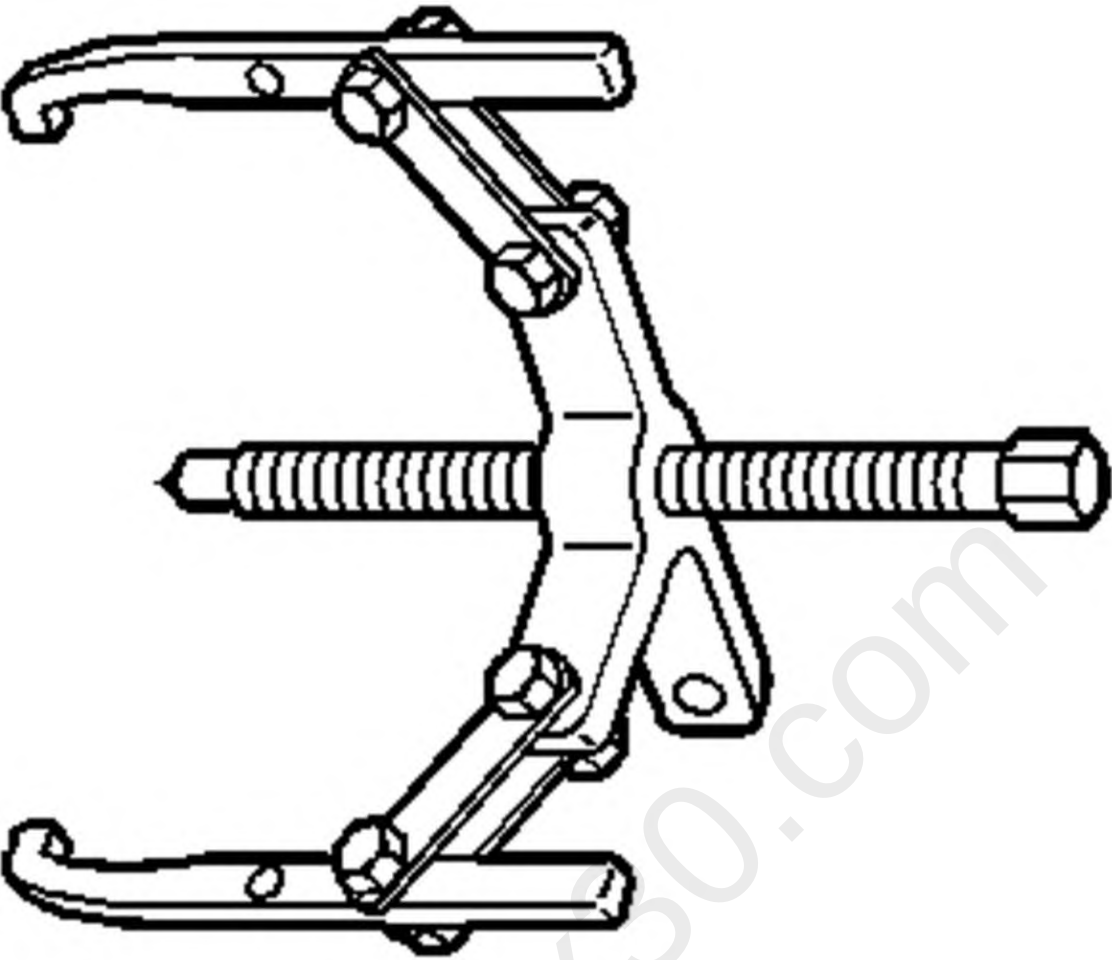
Illustration	Tool Number/Description
	EN-25031_A J-25031_A Three Jaw Puller

Illustration	Tool Number/Description
	EN-28410 J-28410 Gasket Remover

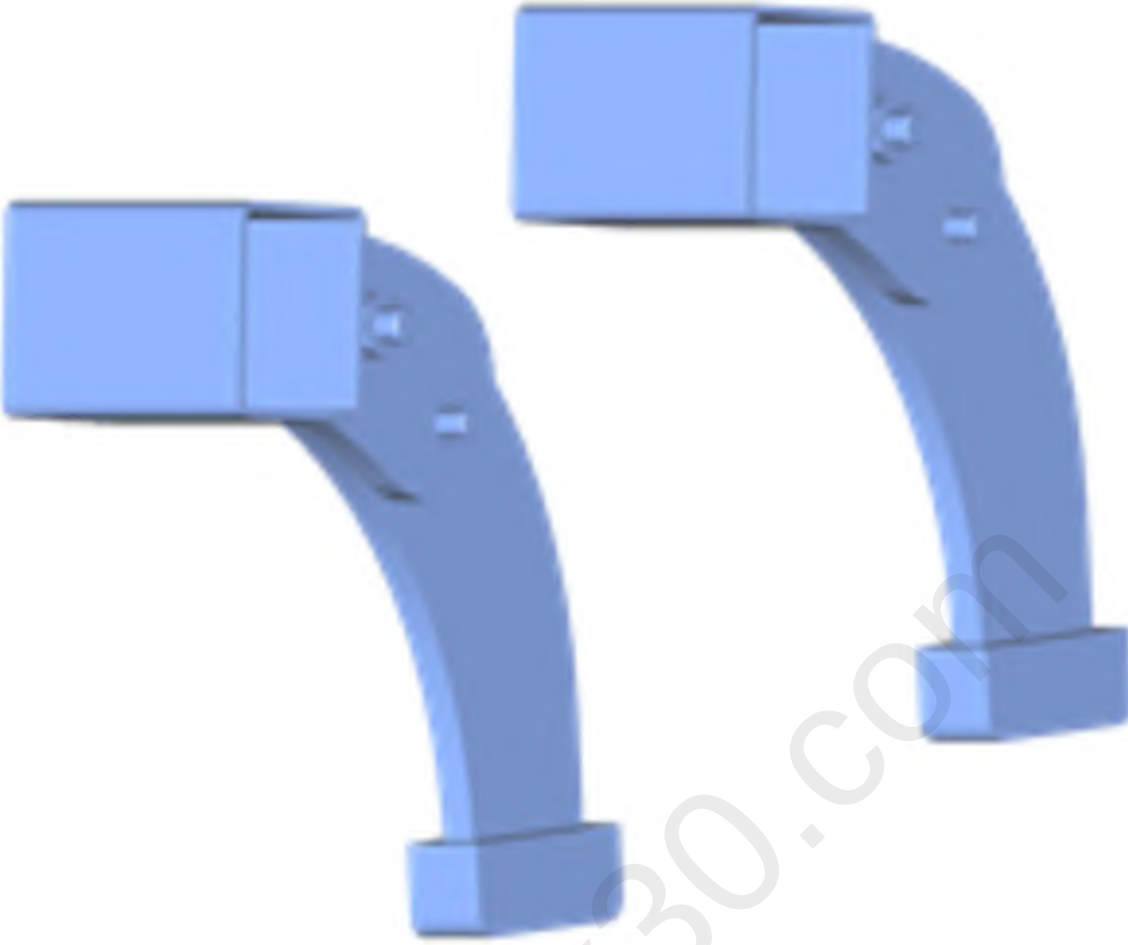
Illustration	Tool Number/Description
	EN-28467-300 EN-51007-5 Engine Support Fixture Adapter

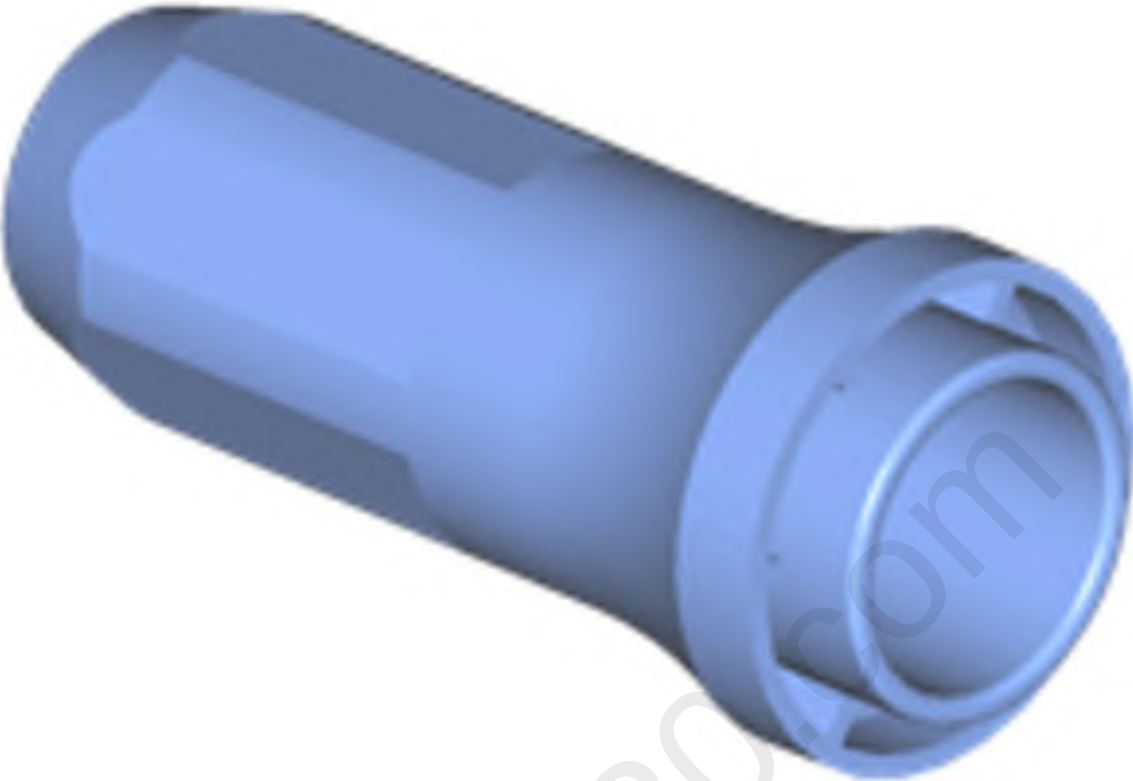
Illustration	Tool Number/Description
	EN-29184 EN-47635 & J-41998 - B EN-47635 J-29184 Oil Seal Installer

Illustration	Tool Number/Description
	EN-35667-A J-35667-A Cylinder Head Leakdown Tester

Illustration	Tool Number/Description
	EN-36857 J-36857 Engine Lift Bracket

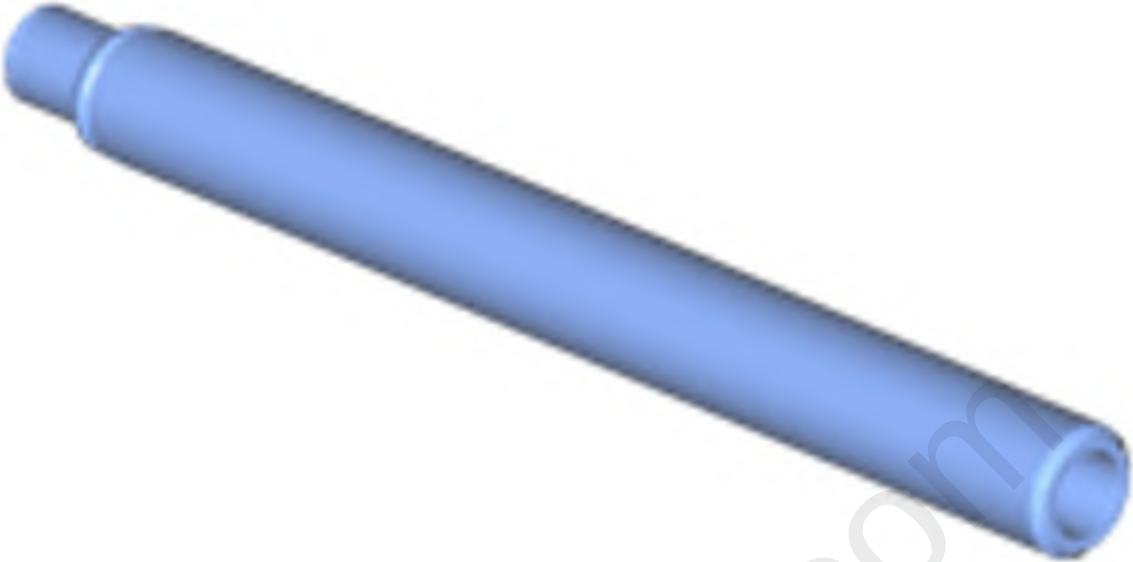
Illustration	Tool Number/Description
	EN-39313 J-39313 Spark Plug Port Adapter

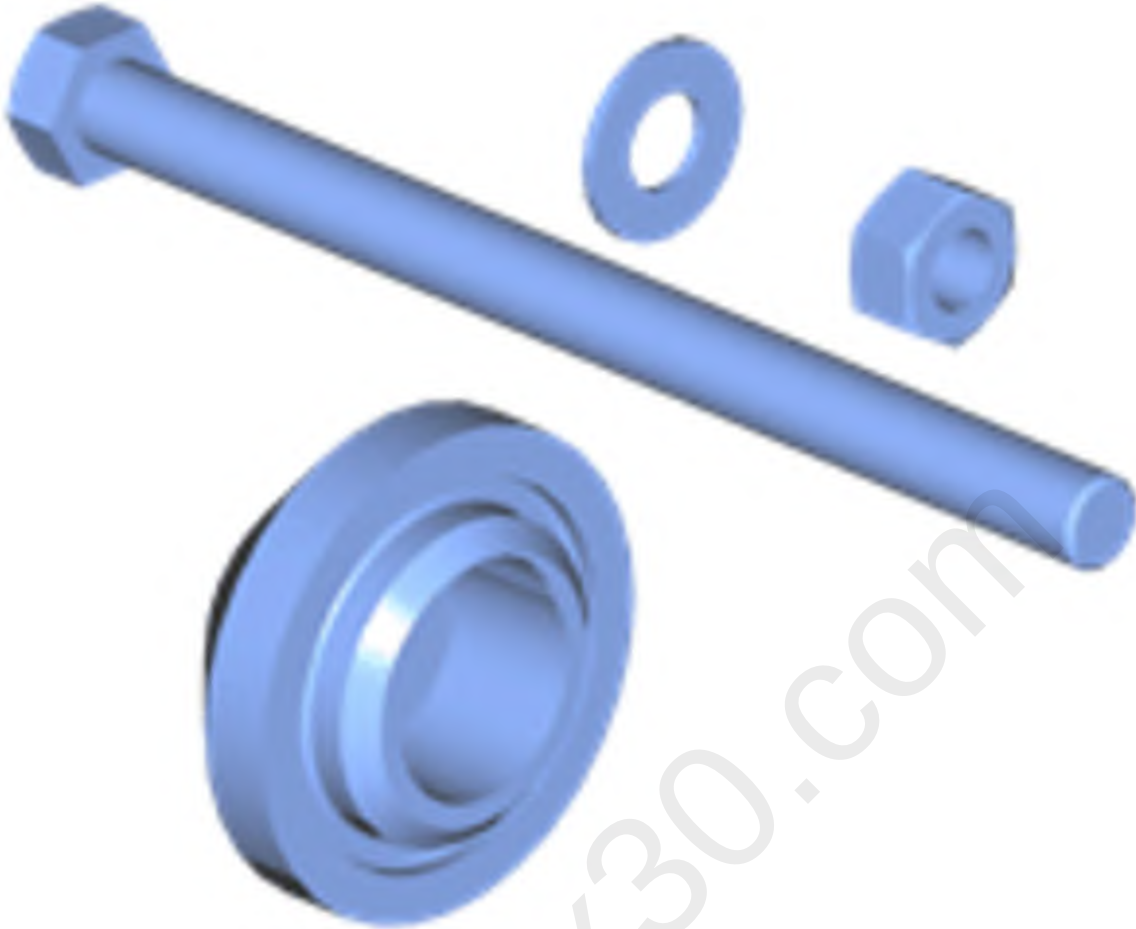
Illustration	Tool Number/Description
 A 3D rendering of a blue-colored tool assembly. The assembly consists of a long, cylindrical shaft with a hexagonal head at one end. A small, circular, ring-like component is positioned near the head. A larger, circular, flange-like component is positioned at the other end of the shaft. A small, hexagonal nut is also shown. The components are arranged in a way that suggests they are parts of a single tool. A large, diagonal watermark 'mcx30.com' is visible across the image.	EN-41478 J-41478 Crankshaft Front Oil Seal Installer

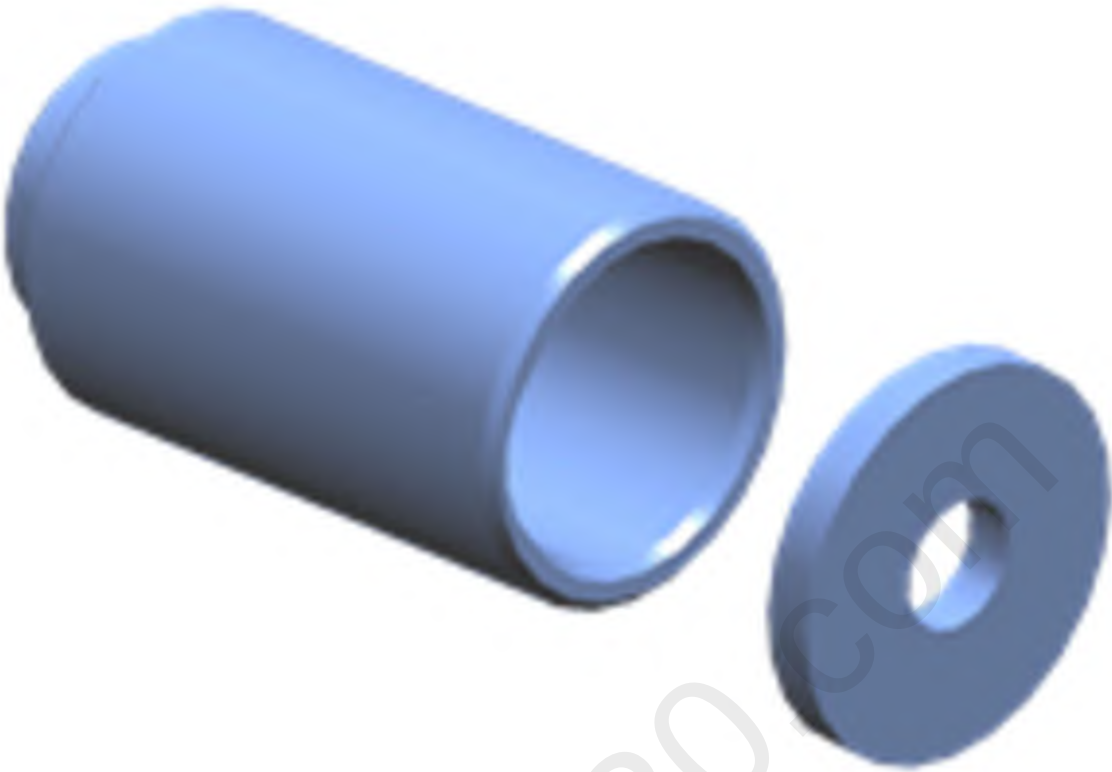
Illustration	Tool Number/Description
 A 3D rendering of two blue mechanical components. On the left is a long, hollow cylinder. To its right is a shorter, wider flange with a central hole. A large, light gray watermark 'mcx30.com' is diagonally across the image.	EN-41665 - A Crankshaft Balancer and Sprocket Installer

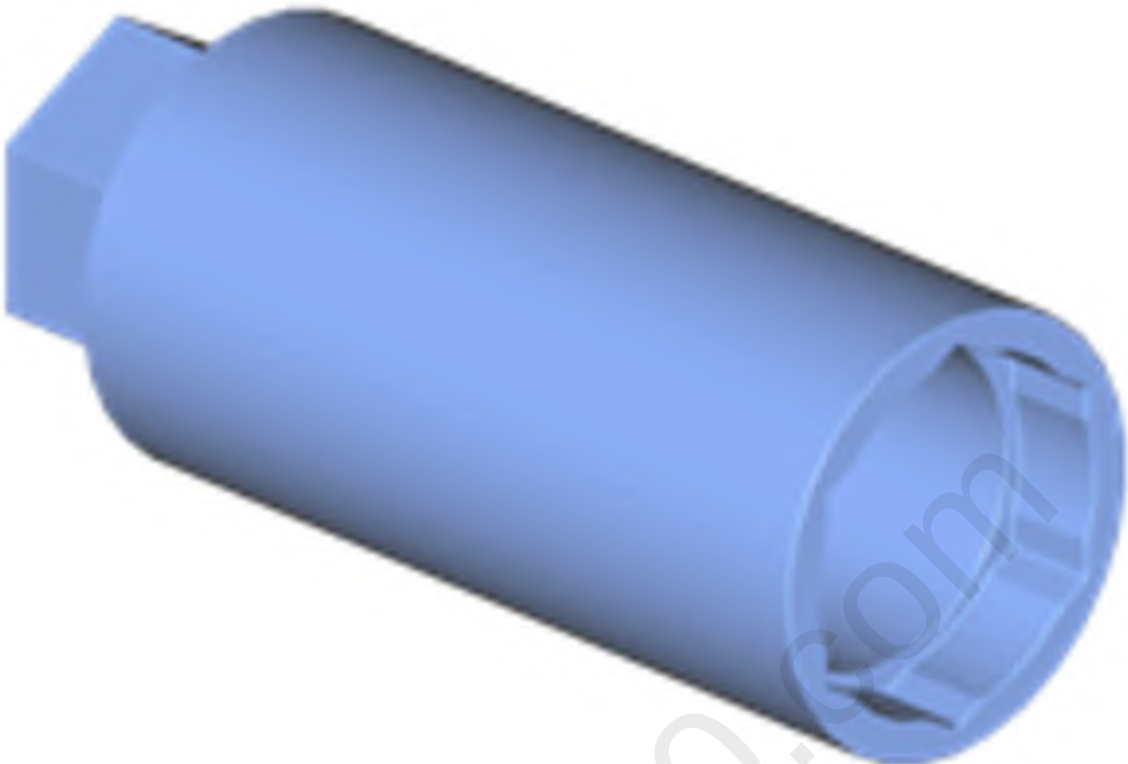
Illustration	Tool Number/Description
	EN-41712 J-41712 Oil Pressure Switch Socket

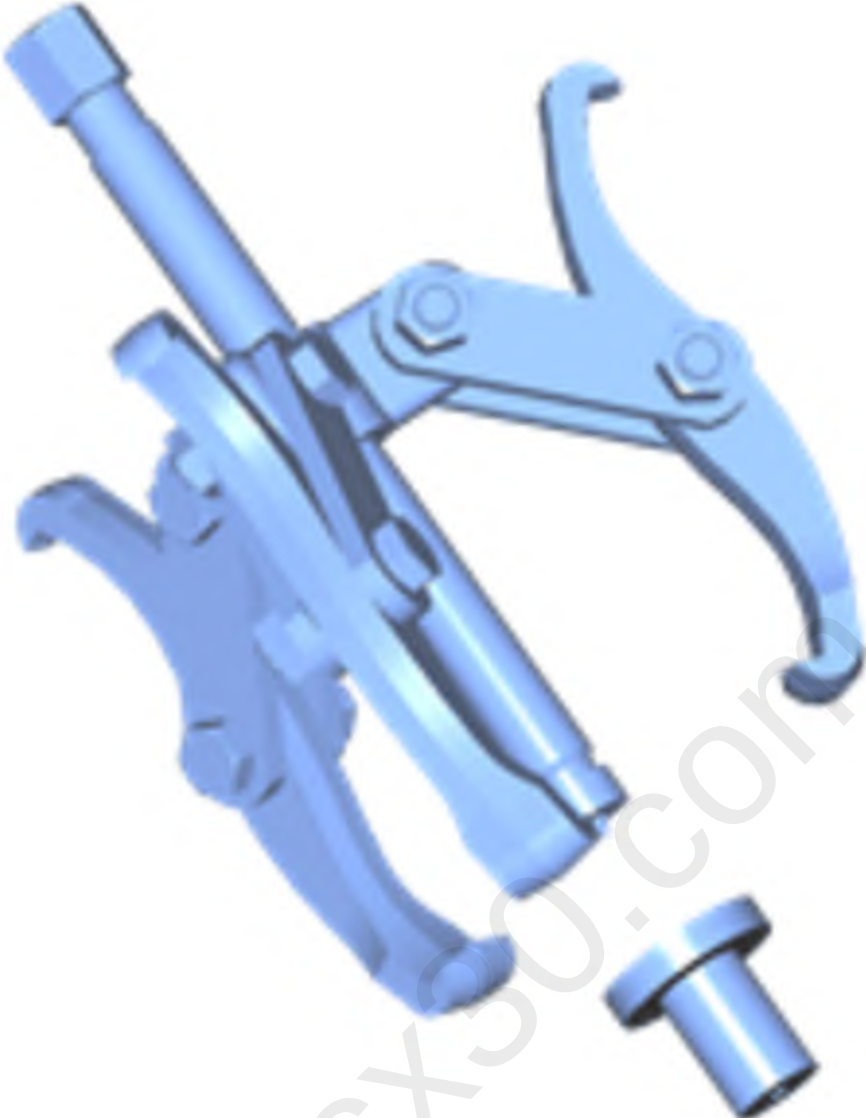
Illustration	Tool Number/Description
	EN-41816 J-41816 Crankshaft Balancer Remover

Illustration	Tool Number/Description
 A 3D rendering of a blue cylindrical driver handle. The handle has a main body with a larger diameter and a smaller diameter section at one end. The smaller section is a short cylinder protruding from the main body. The entire part is a uniform blue color. A large, light gray watermark 'mcx30.com' is diagonally across the image.	EN-42183 J-42183 Driver Handle
mcx30.com	

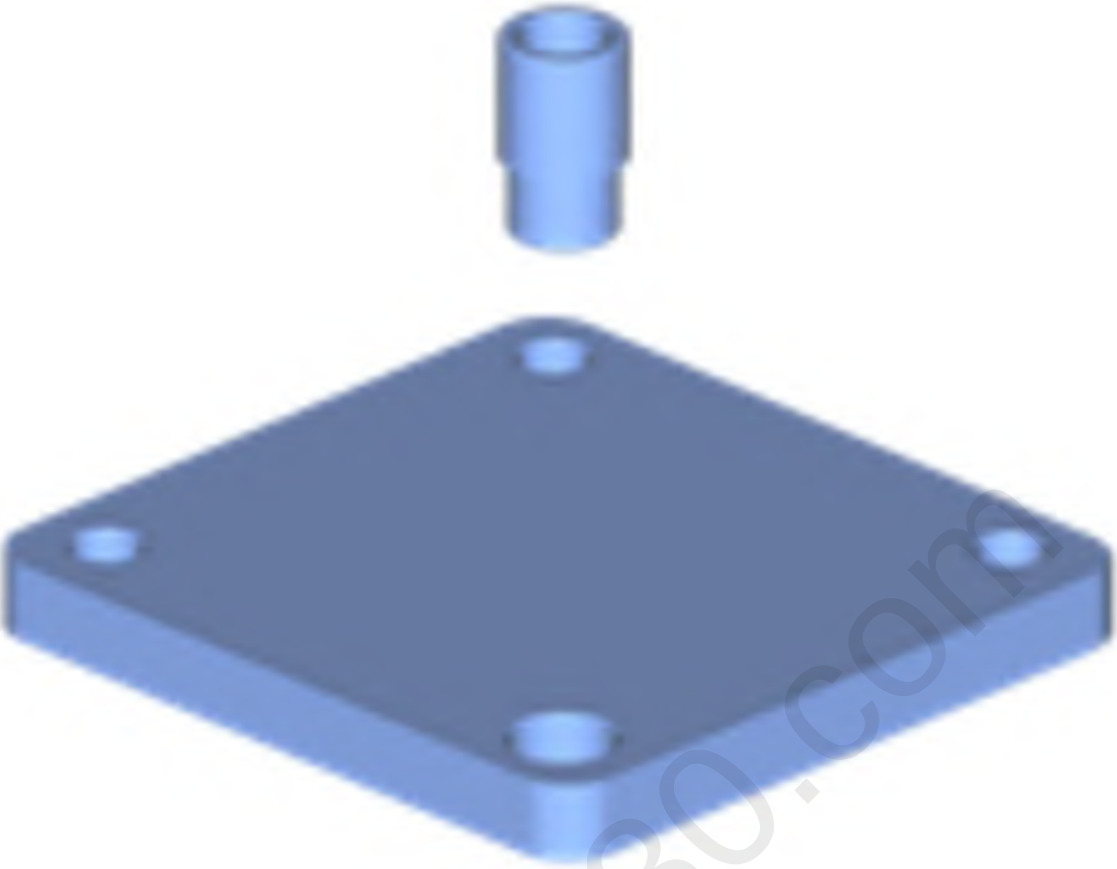
Illustration	Tool Number/Description
 A 3D CAD model of a repair fixture. It consists of a square base plate with four circular holes at the corners. A vertical threaded rod is positioned above one of the holes. The entire assembly is rendered in a blue color.	EN-42385-70 Head Bolt Thread Repair Fixture

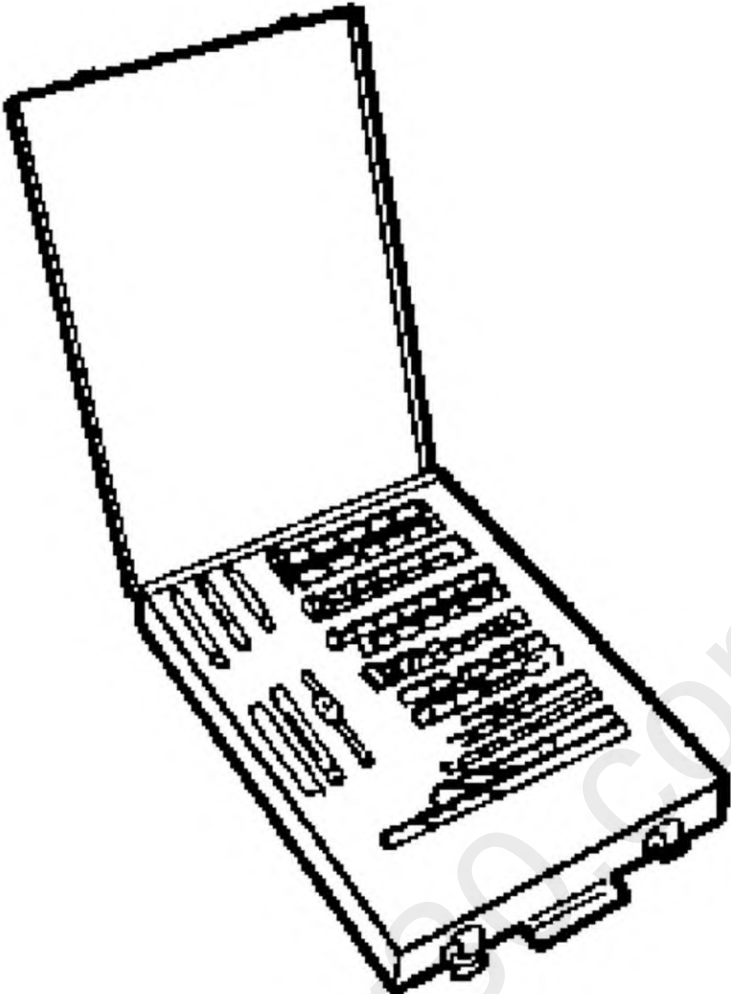
Illustration	Tool Number/Description
	EN-42385-700 J-42385-700 High Feature Thread Repair Kit

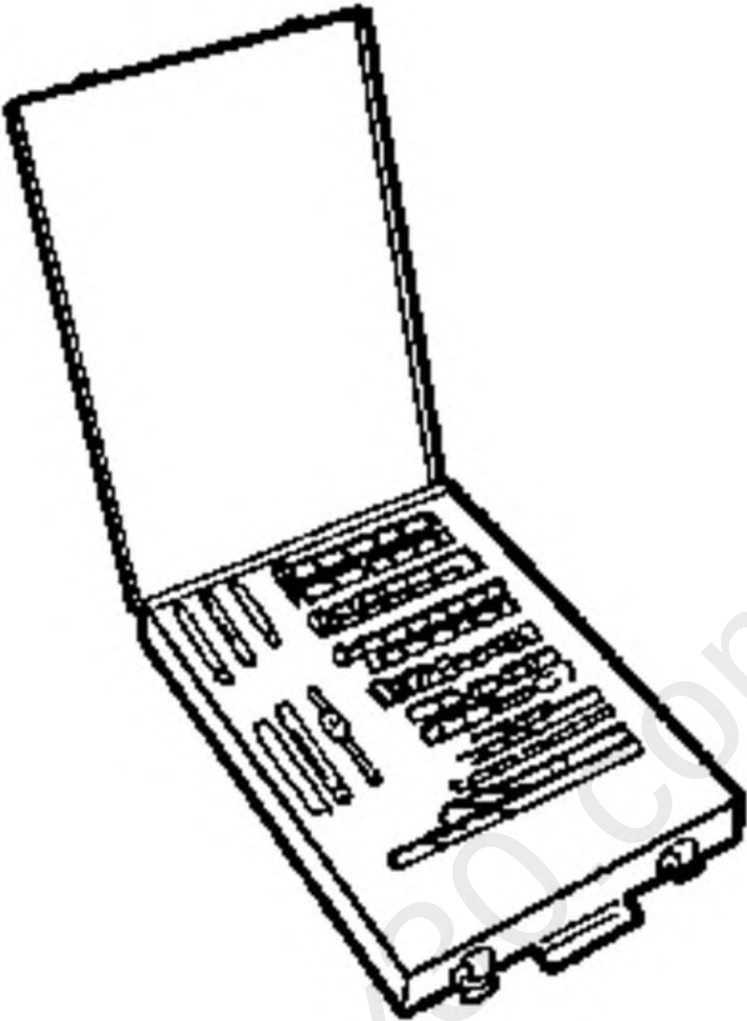
Illustration	Tool Number/Description
	EN-42385-2000 J-42385-2000 Thread Insert Kit

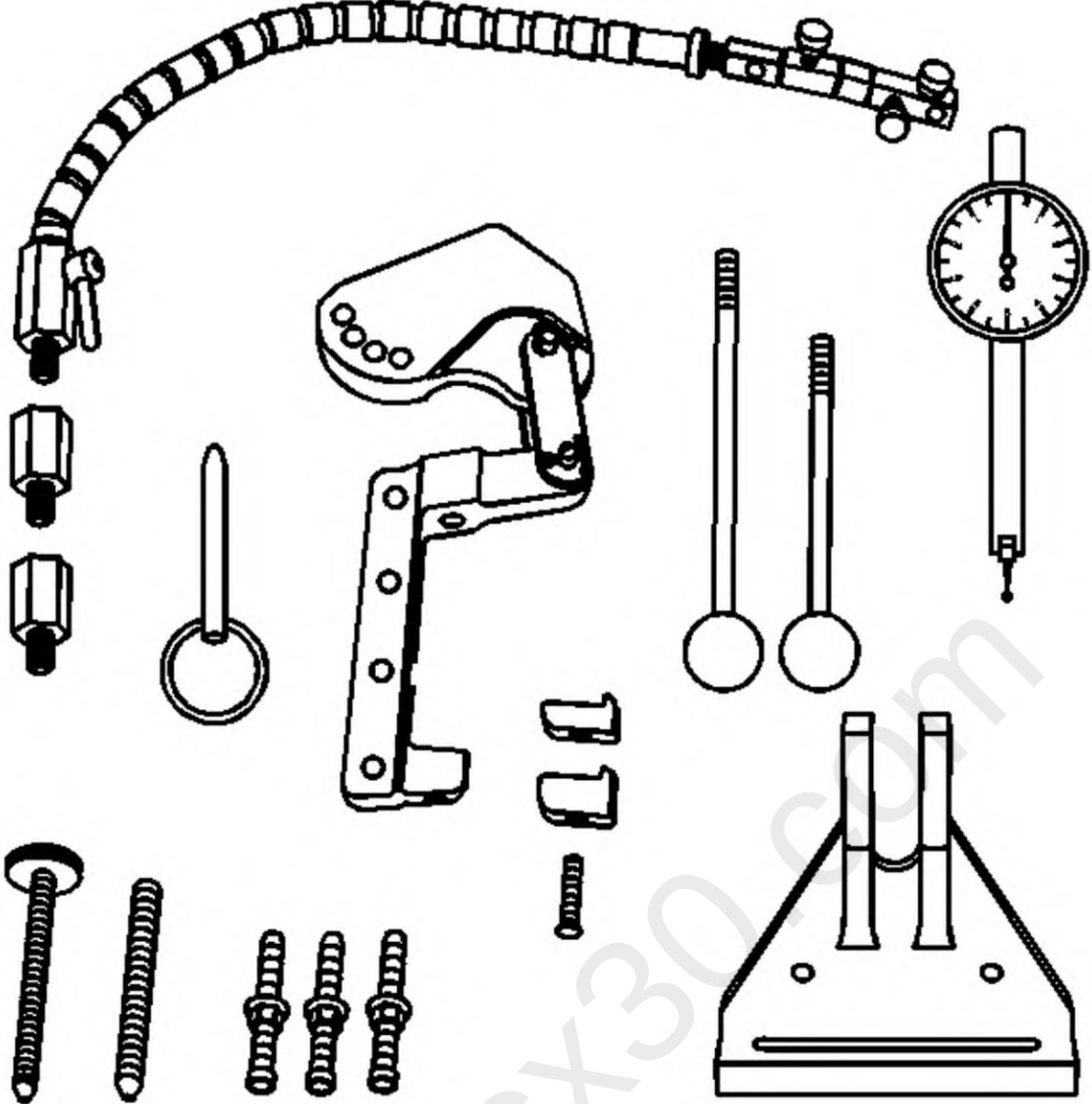
Illustration	Tool Number/Description
	EN-43690-A J-43690-A Rod Bearing Clearance Checking Tool

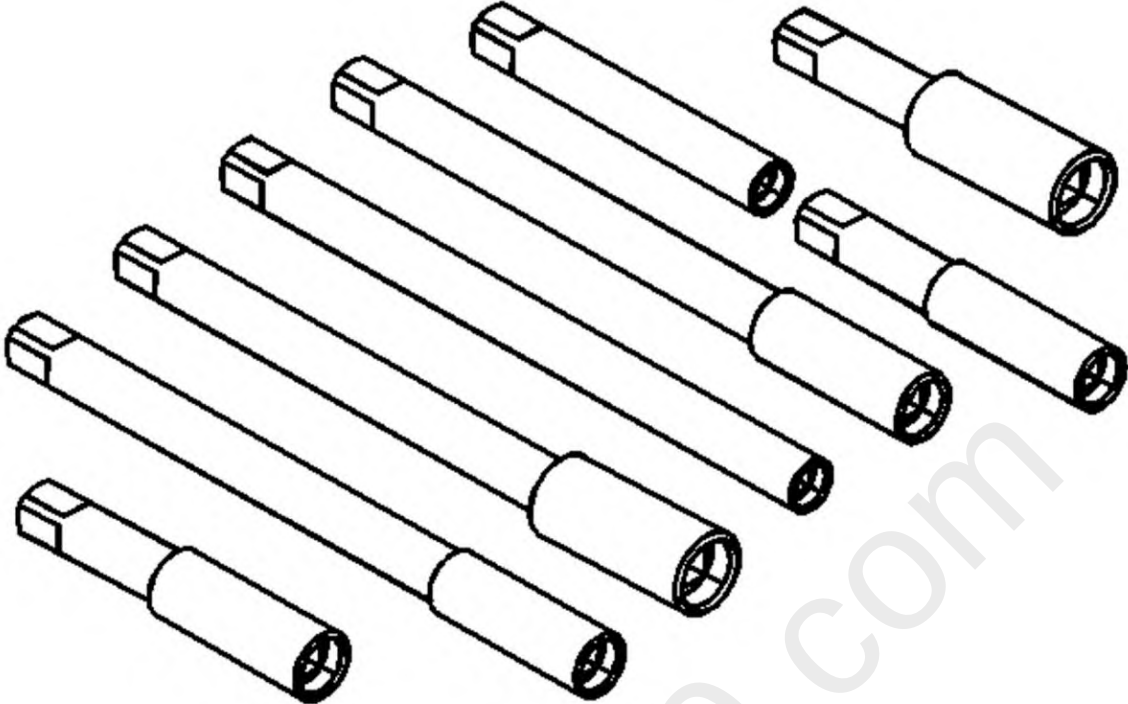
Illustration	Tool Number/Description
 A technical line drawing of ten components of a thread repair extension kit. The components are arranged in two groups of five. Each group consists of a long rod and a shorter rod. Each rod has a hexagonal base at one end and a threaded end at the other. The longer rods have a threaded section in the middle, while the shorter rods have a smooth section in the middle. The threads are shown in a standard engineering style with a 60-degree angle. A large, faint watermark 'mcx30.com' is visible across the bottom half of the illustration area.	EN-43965 J-43965 Thread Repair Extension Kit

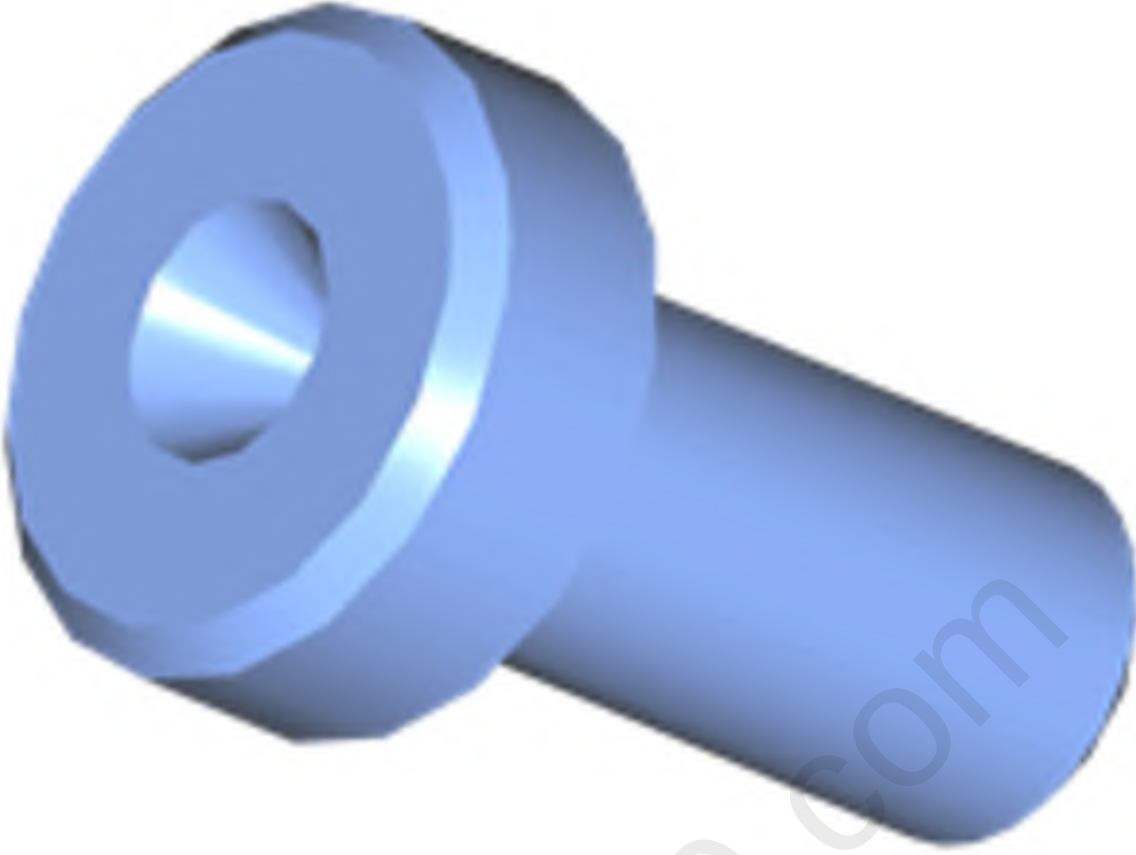
Illustration	Tool Number/Description
 A 3D CAD model of a blue cylindrical tool. The tool has a hexagonal base with a central bore. The bore is a smooth, polished cylinder. The tool is shown from a perspective view, highlighting its cylindrical shape and hexagonal base. A large, light gray watermark 'mcx30.com' is visible diagonally across the image.	EN-44226 - 5 Cranshaft Protector

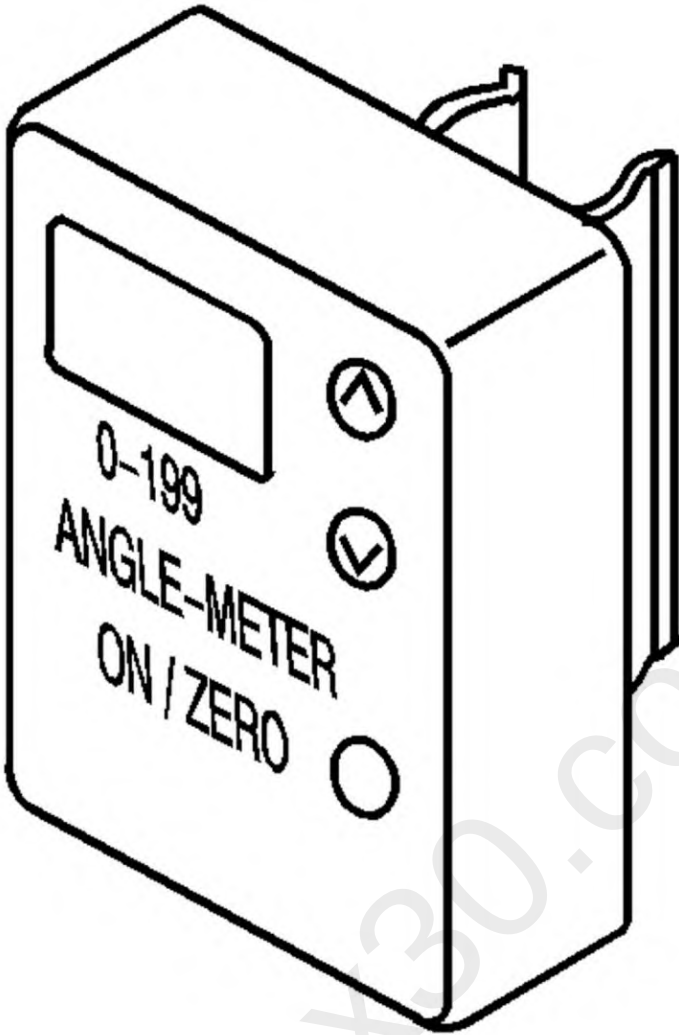
Illustration	Tool Number/Description
 A line drawing of a rectangular angle meter. The front face features a rectangular display window at the top left. Below the window, the text '0-199' is printed, followed by 'ANGLE-METER' in a larger font, and 'ON / ZERO' at the bottom. To the right of the text are three circular buttons: the top one contains an upward-pointing arrow, the middle one contains a checkmark, and the bottom one is empty. A small tab or protrusion is visible on the right side of the device.	EN-45059 - A J-45059 - A KM-470-B Angle Meter

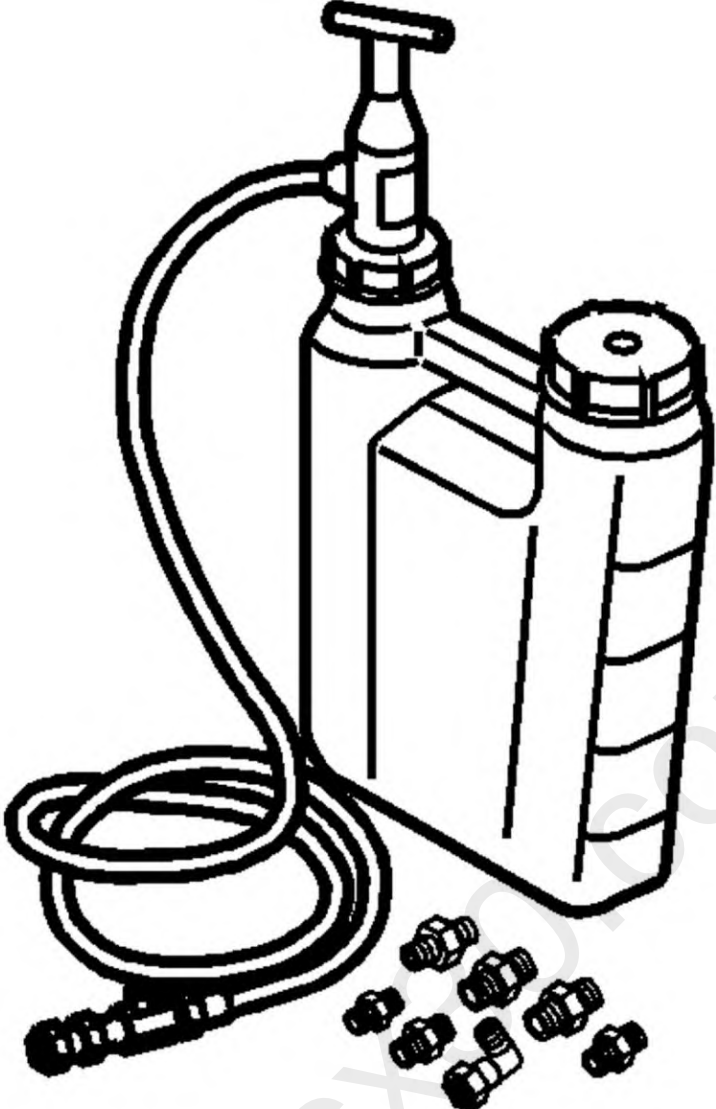
Illustration	Tool Number/Description
	EN-45299 J-45299 Engine Preluber

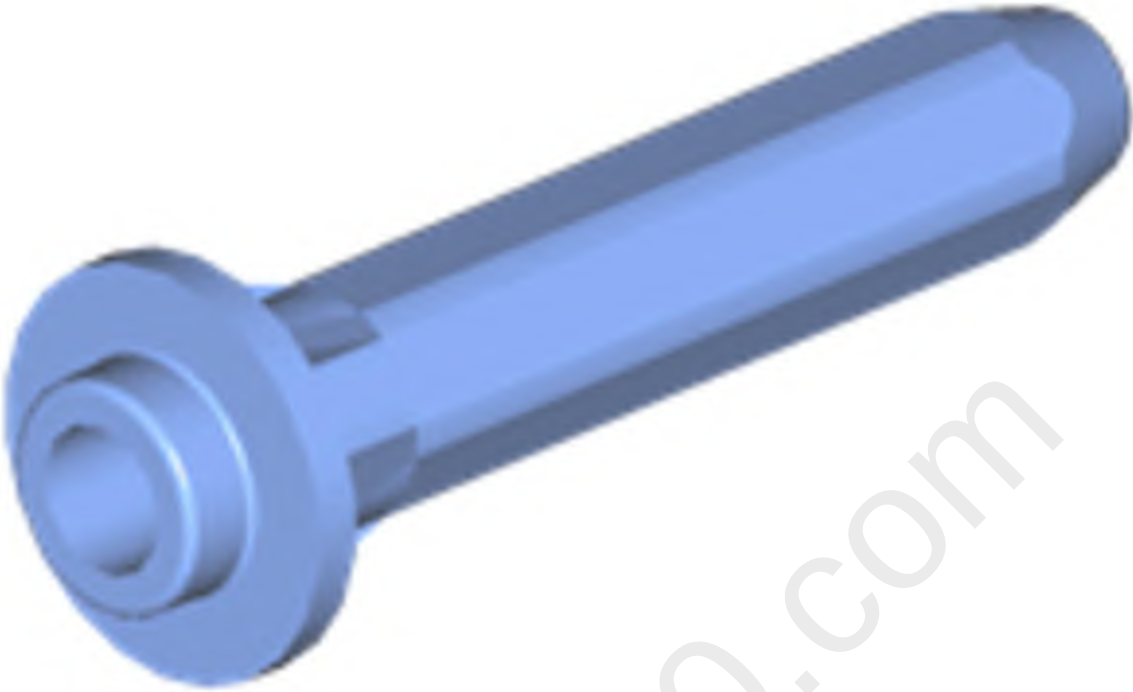
Illustration	Tool Number/Description
	EN - 46103 J-46103 Camshaft Actuator Valve Seal Installer

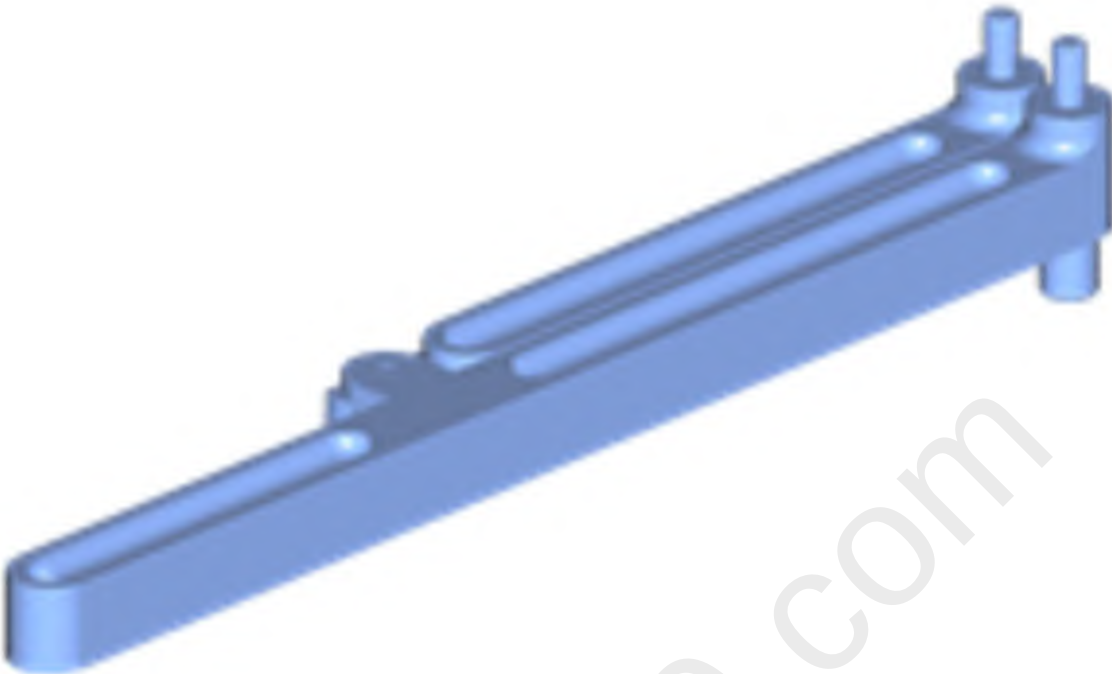
Illustration	Tool Number/Description
	EN-46104 J-46104 Water Pump Pulley Holding Tool

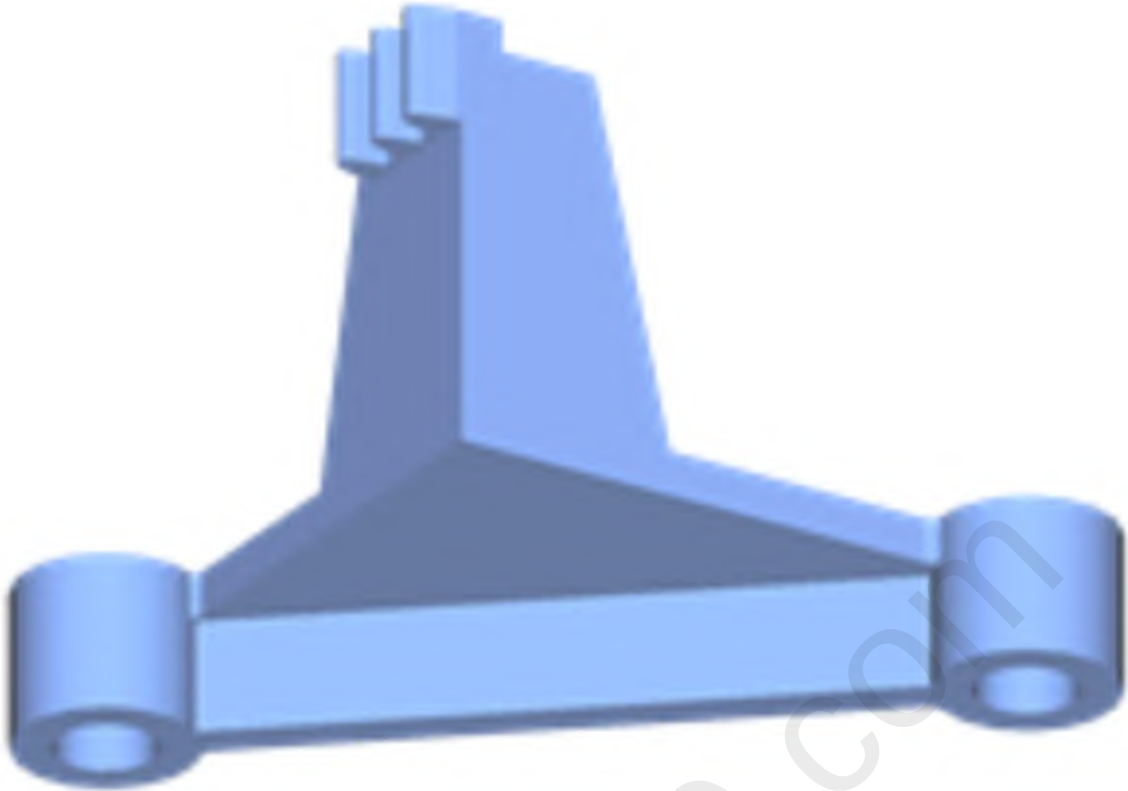
Illustration	Tool Number/Description
	EN-46106 J-46106 KM-652 Flywheel Holding Tool

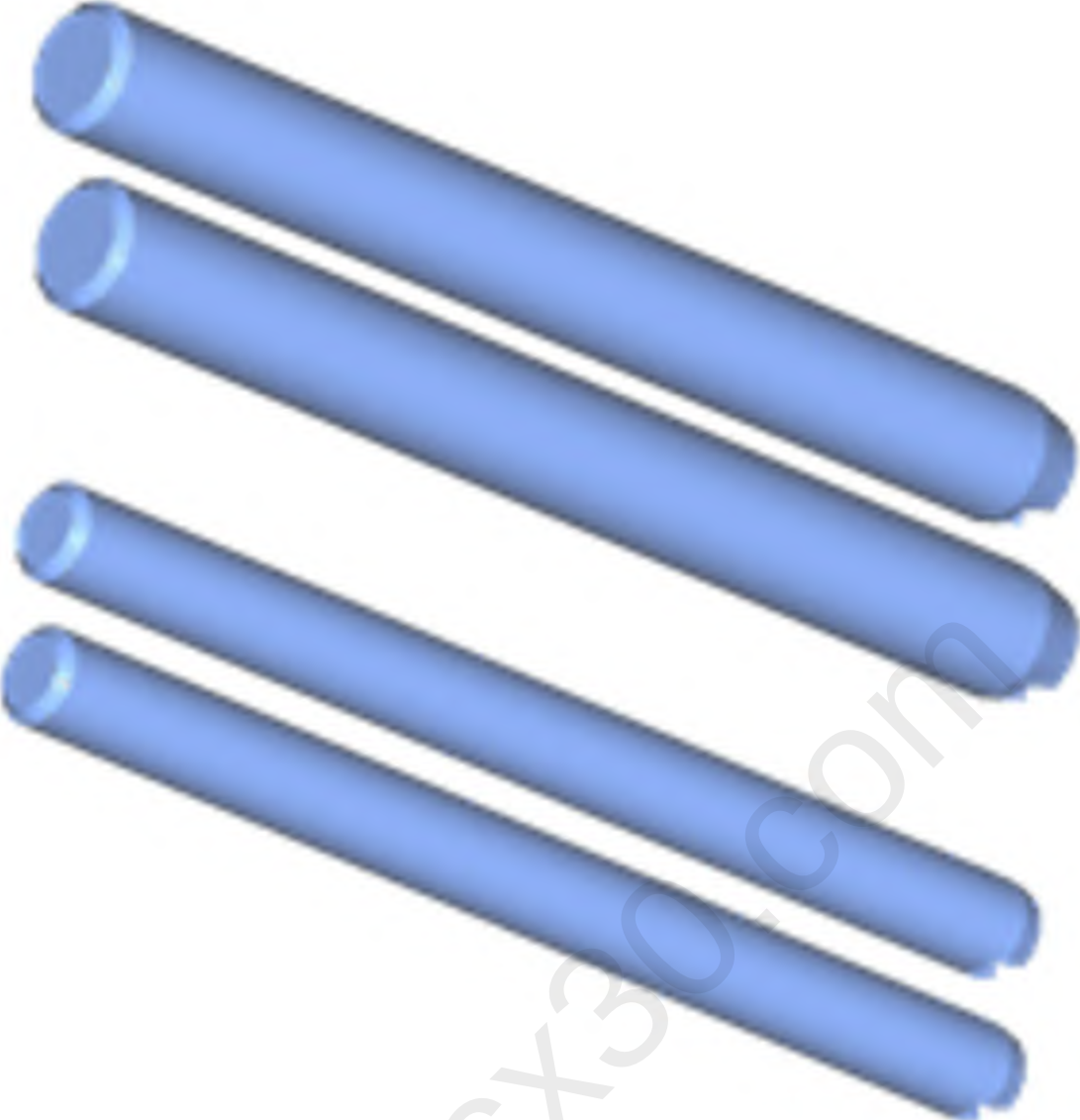
Illustration	Tool Number/Description
 The illustration shows four identical blue cylindrical guide pins arranged diagonally from the top-left to the bottom-right. Each pin has a slightly wider, flat circular end on the left side. A large, light gray watermark 'mcx30.com' is oriented diagonally across the entire image, passing behind the pins.	EN-46109 J-46109 Guide Pins

Illustration	Tool Number/Description
	EN-46116 KM-840 (Remover)/EN-47986 (Installer) 83 94 157 Valve Stem Seal Remover/Installer
mcx30.com	

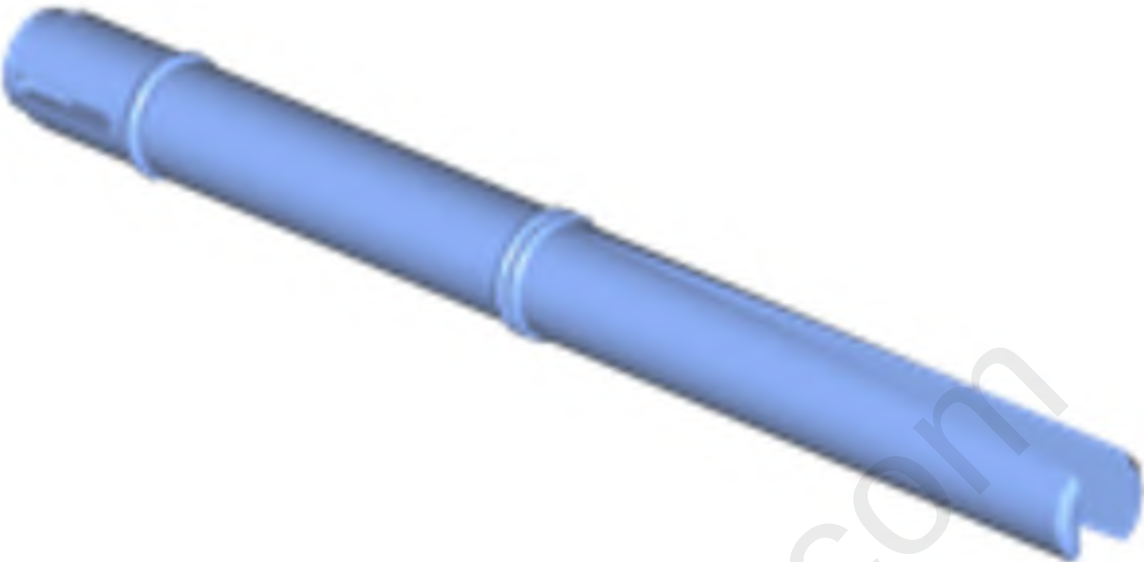
Illustration	Tool Number/Description
	EN-46117 Valve Stem Key Remover/Installer

Illustration	Tool Number/Description
 A blue 3D rendering of a long, cylindrical tool. It has a flange at the top and a threaded section at the bottom. The tool is oriented diagonally. A large, light gray watermark "mcx39.com" is visible across the image.	EN-46119 Off-Vehicle Valve Spring Compressor Adapter

Illustration	Tool Number/Description
	EN-46120 Valve Guide Reamer

Illustration	Tool Number/Description
 The illustration shows two identical blue connecting rods, each with a guide pin at one end. The rods are positioned diagonally, with the top rod slightly behind the bottom one. A large, light gray watermark 'mcx30.com' is visible across the lower half of the image.	EN-46121 Connecting Rod Guide Pin Set

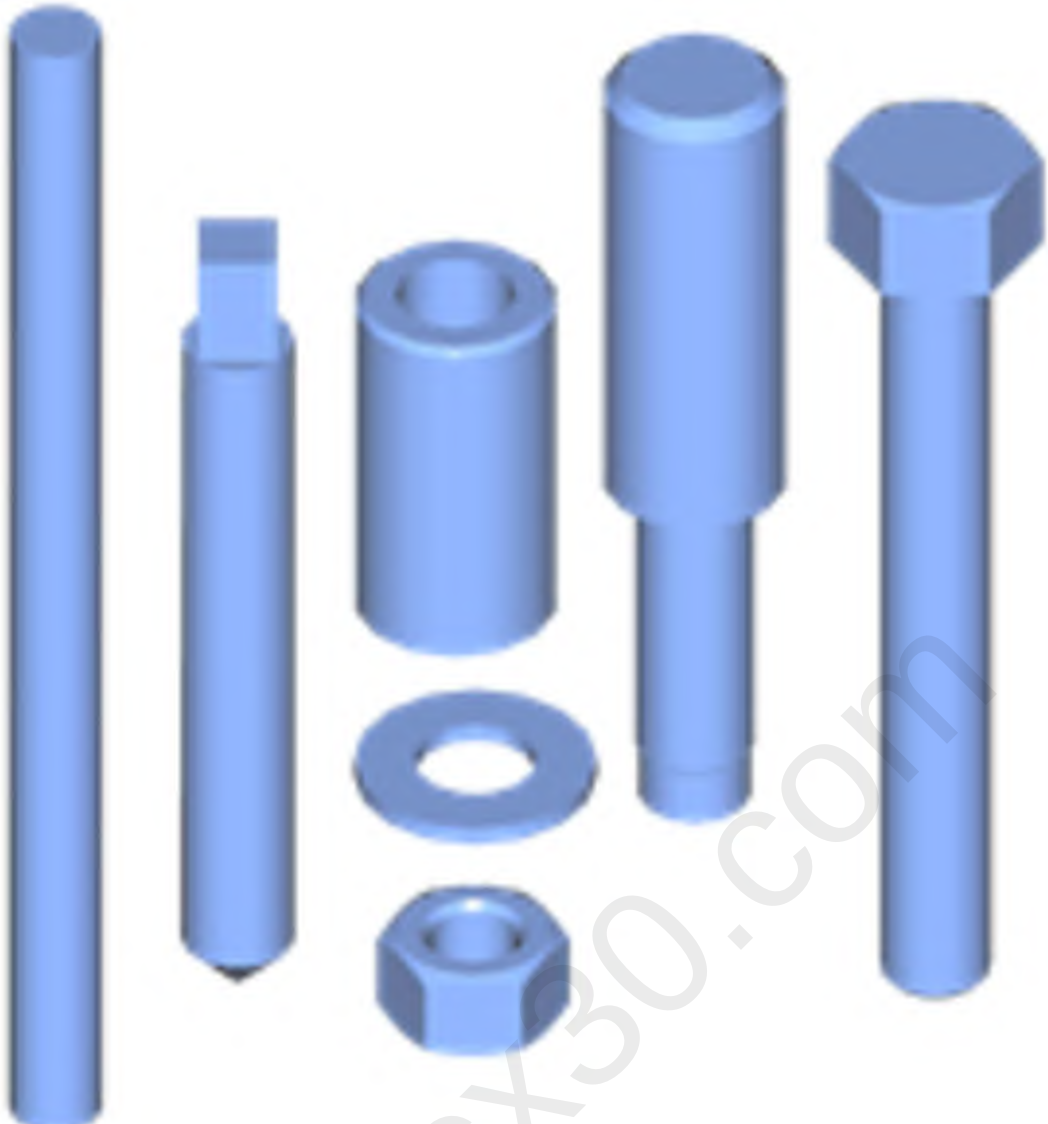
Illustration	Tool Number/Description
 The illustration shows a 3D CAD model of the EN-46122 tool assembly. It consists of several components: a long shaft, a shorter shaft with a square end, a hollow cylinder, a solid cylinder, a flange, a nut, and a hexagonal bolt. The components are arranged in a row, with the long shaft on the left, followed by the shorter shaft, the hollow cylinder, the solid cylinder, the flange, the nut, and the hexagonal bolt on the right. A watermark 'mcx30.com' is visible across the image.	EN-46122 Camshaft Position Actuator Check-Ball Valve Remover/Installer

Illustration	Tool Number/Description
	EN-46335 - A Valve Spring Compressor

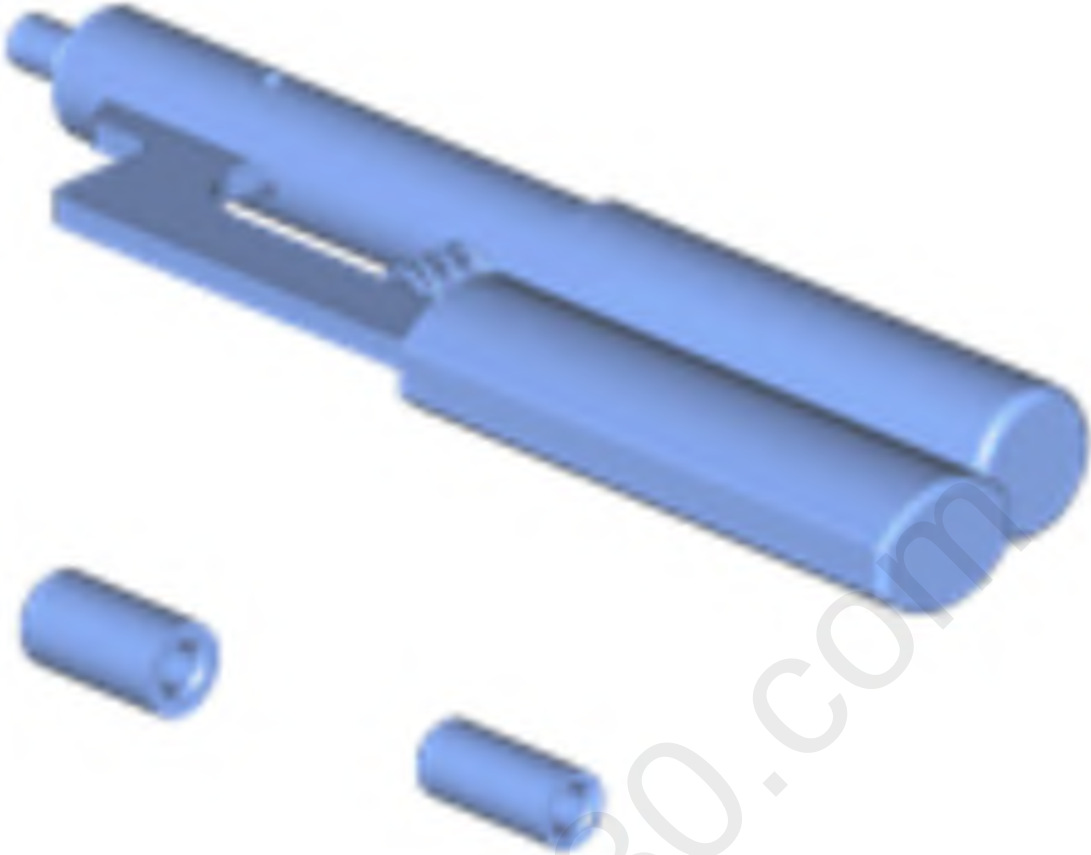
Illustration	Tool Number/Description
	EN-46745 J-43654 Piston Pin Clip Remover/Installer

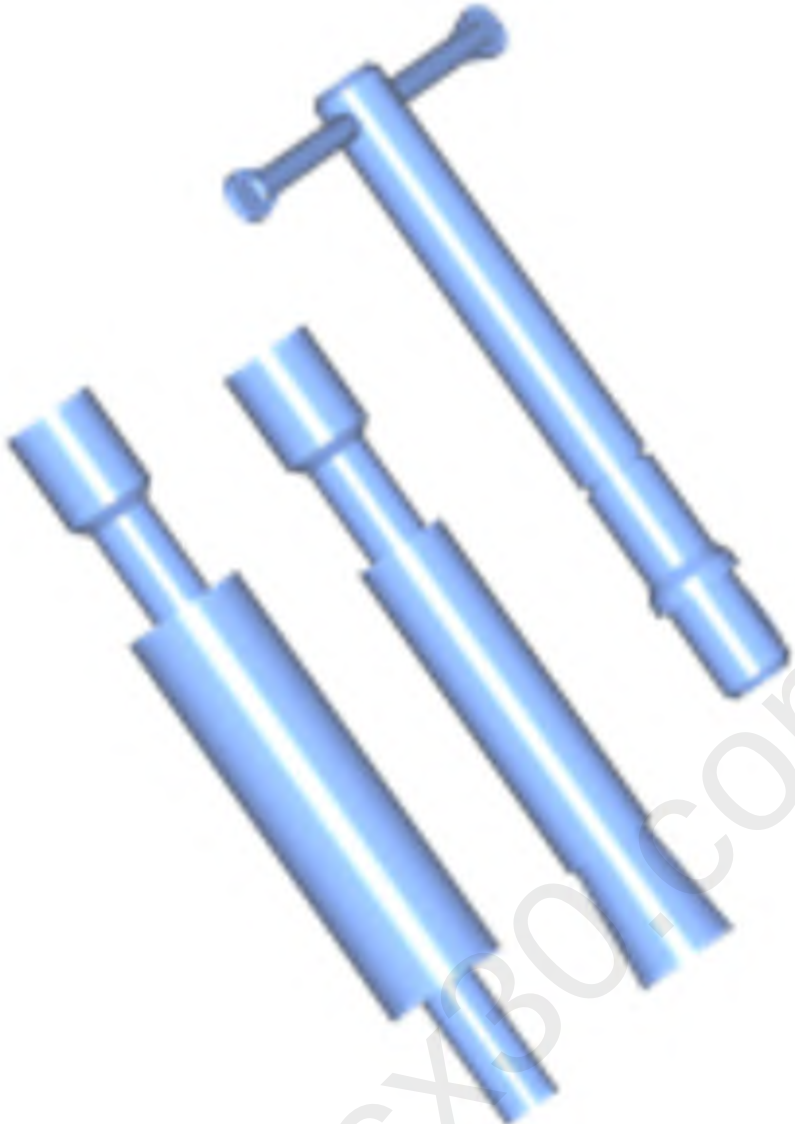
Illustration	Tool Number/Description
 The illustration shows three blue metal tools arranged diagonally. The top tool is the longest, featuring a T-shaped handle at one end and a small flange near the other. The middle tool is shorter, with a flange at one end. The bottom tool is the shortest, also with a flange at one end. A large, light gray watermark 'mcx30.com' is visible across the lower half of the image.	EN-47909 Injector Bore and Sleeve Cleaning Kit

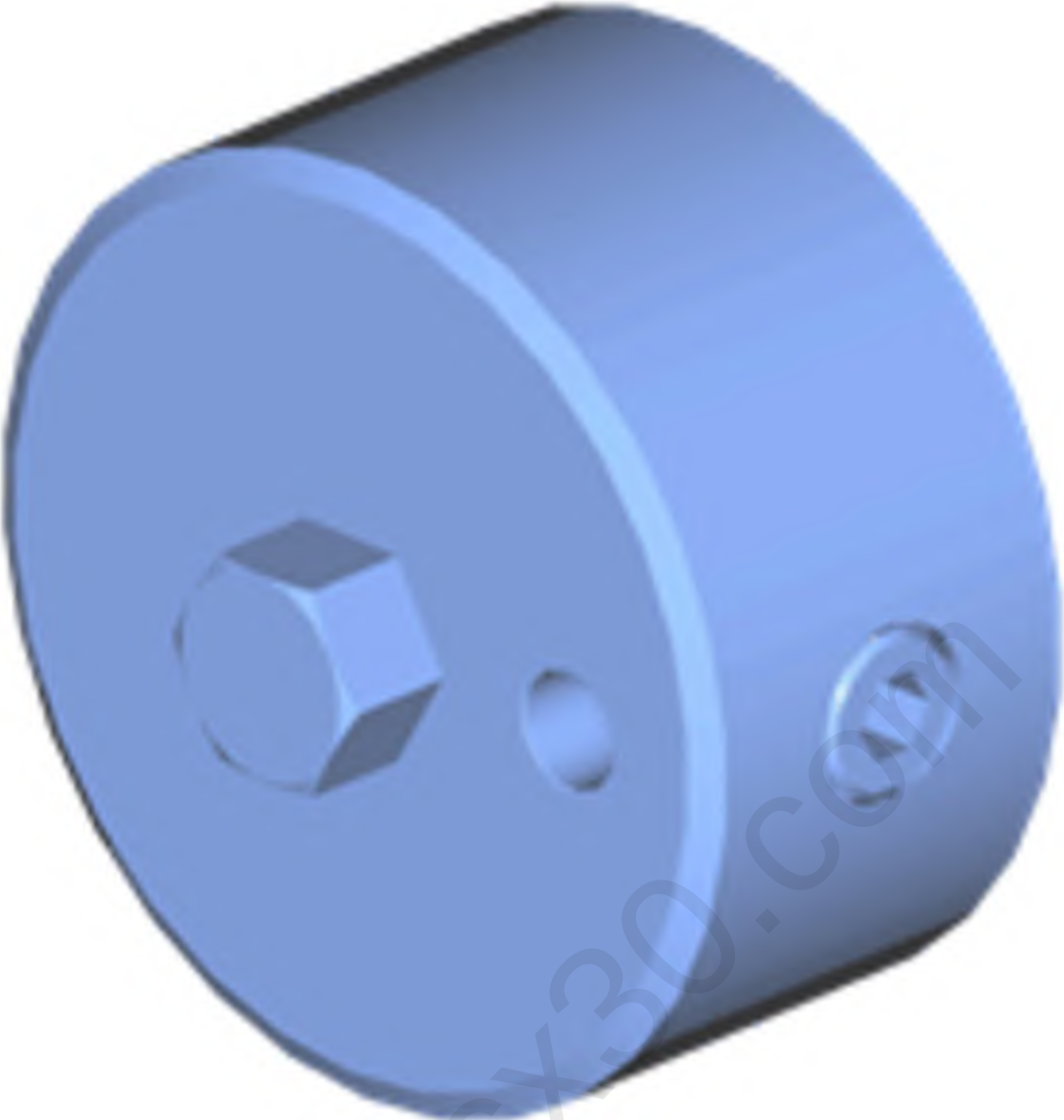
Illustration	Tool Number/Description
	EN-47971 Oil Pressure Gauge Adapter

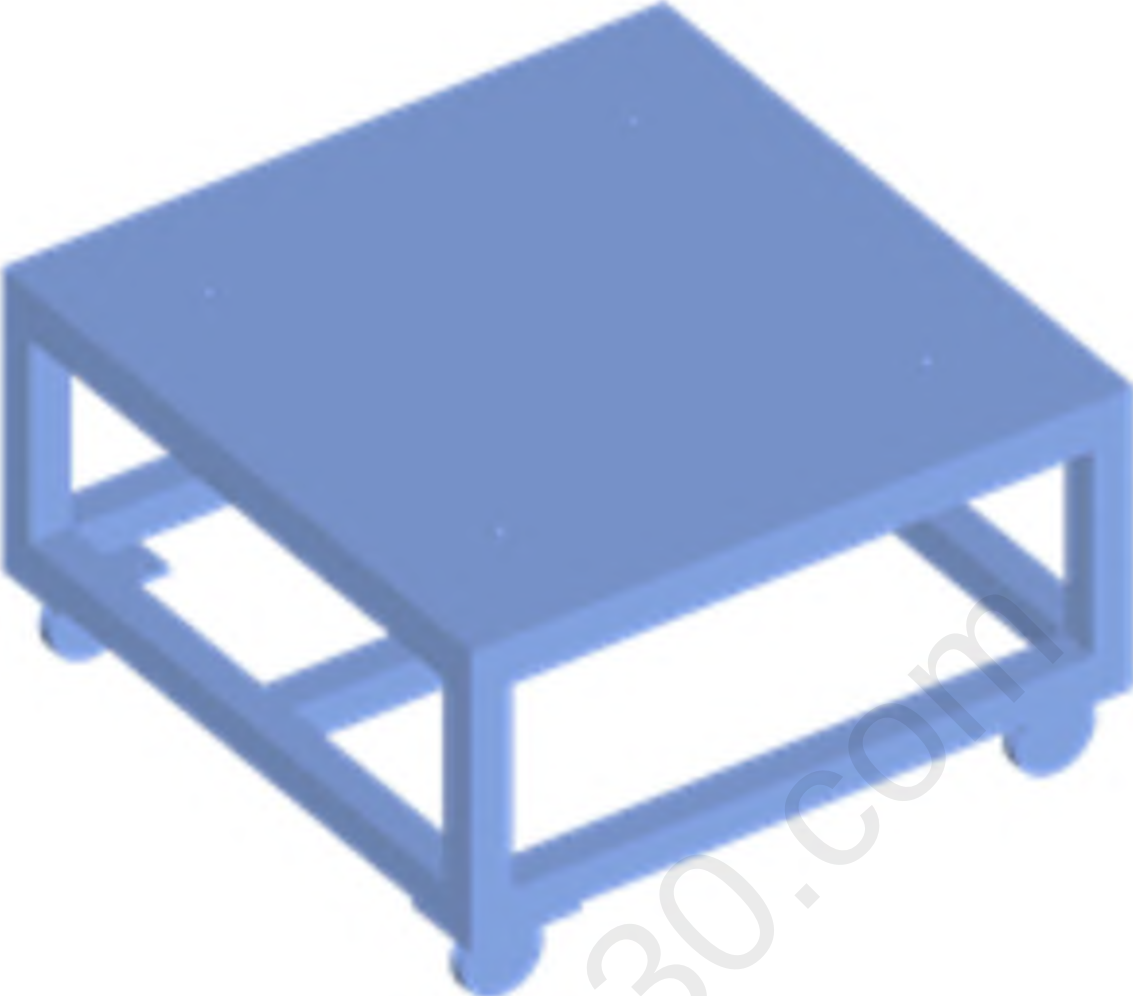
Illustration	Tool Number/Description
	EN-48244 Engine Assembly Remove/Install Pallet Supporter

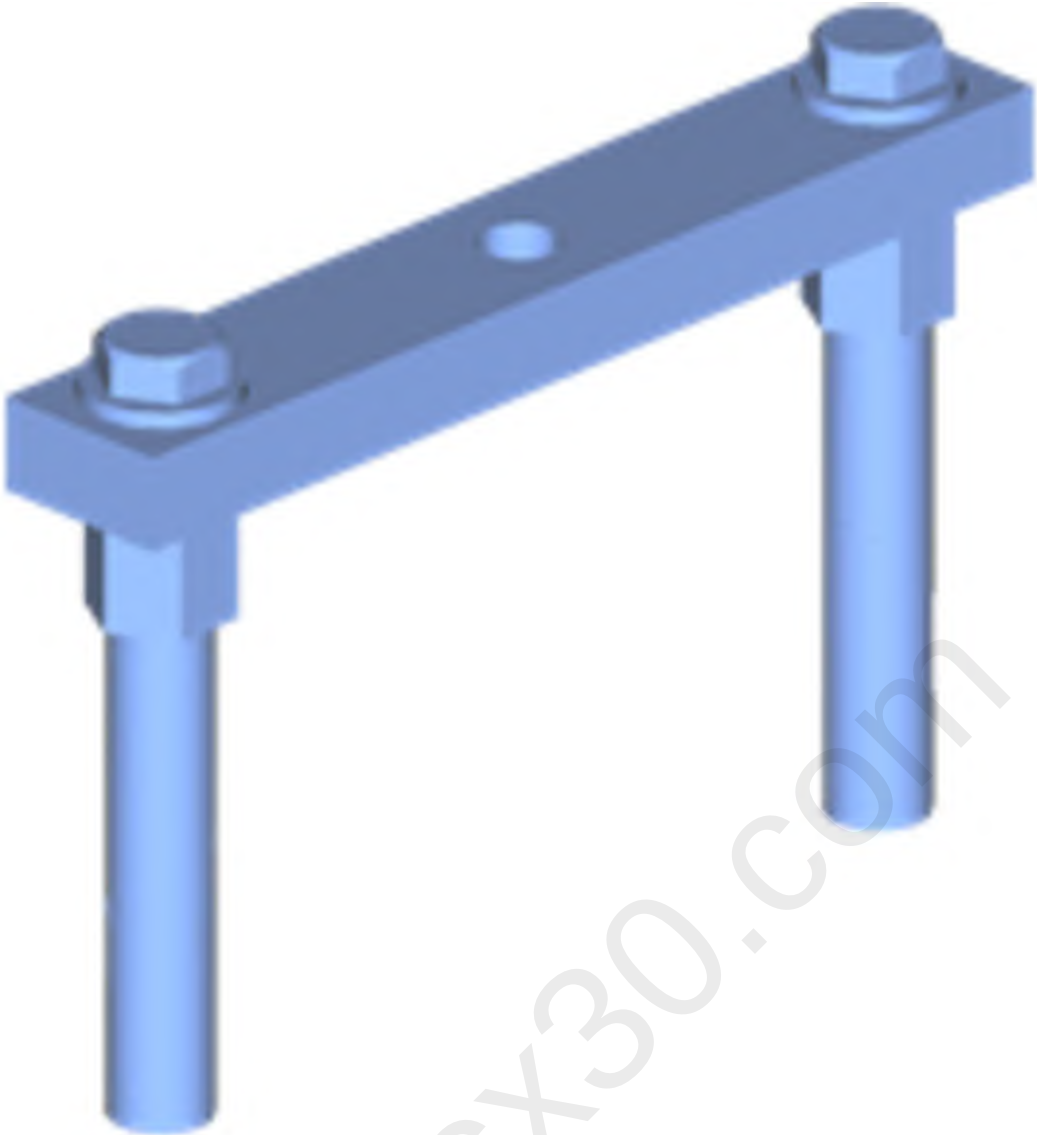
Illustration	Tool Number/Description
	EN-49102 J-41818 & EN - 47985 Crankshaft Bearing Cap Remover

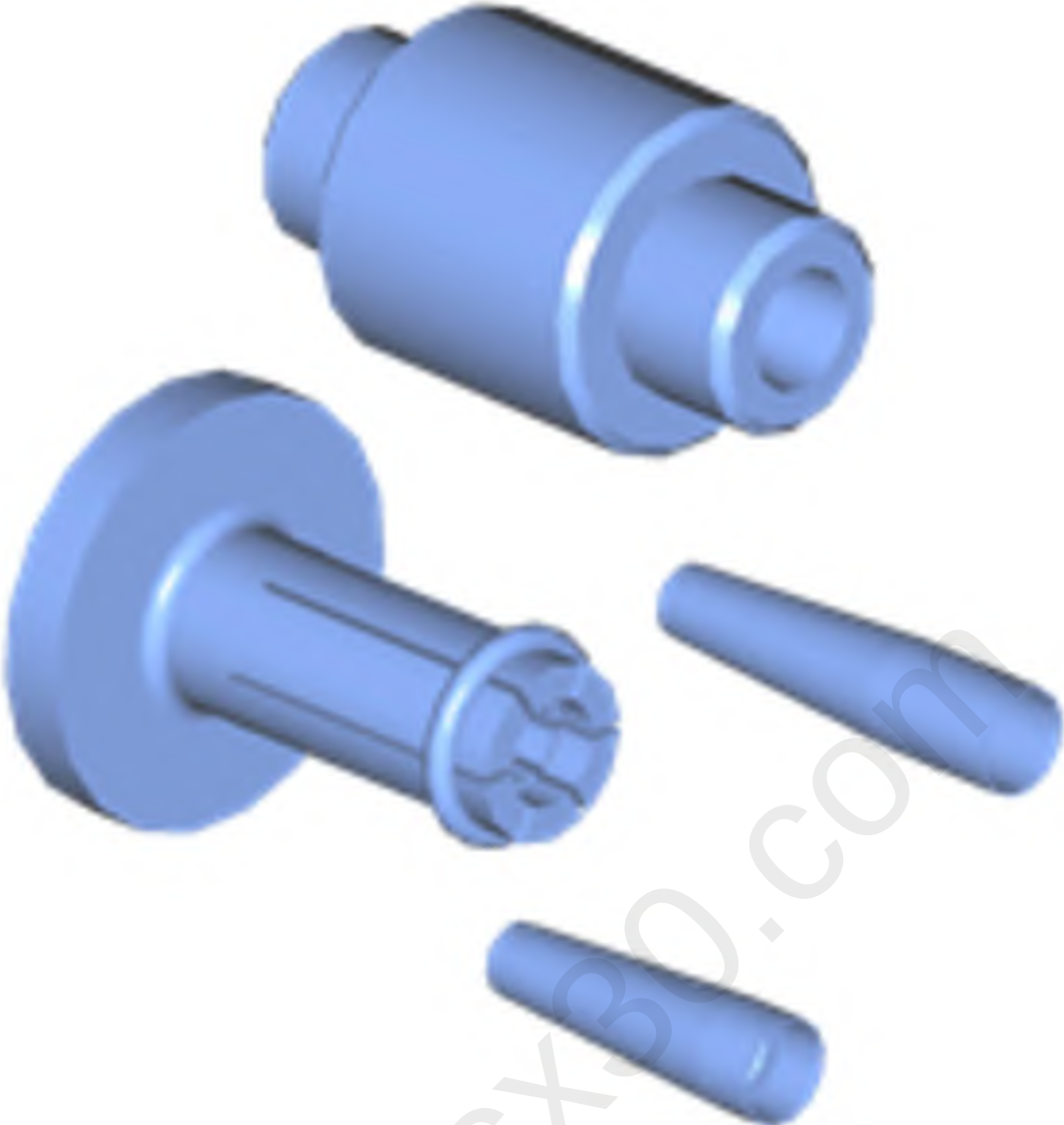
Illustration	Tool Number/Description
 The illustration shows four blue 3D CAD models of the EN-49245 Injector Seal Installer Kit components. At the top is a large, hollow cylindrical tool with a flange at one end and a central bore. Below it to the left is a smaller tool with a large circular base, a central shaft with longitudinal grooves, and a multi-ported nozzle at the end. To the right of this are two long, thin, tapered pins. At the bottom center is a shorter, thicker pin with a hexagonal base. A large, light-gray watermark 'mcx30.com' is oriented diagonally across the entire image area.	EN-49245 Injector Seal Installer Kit

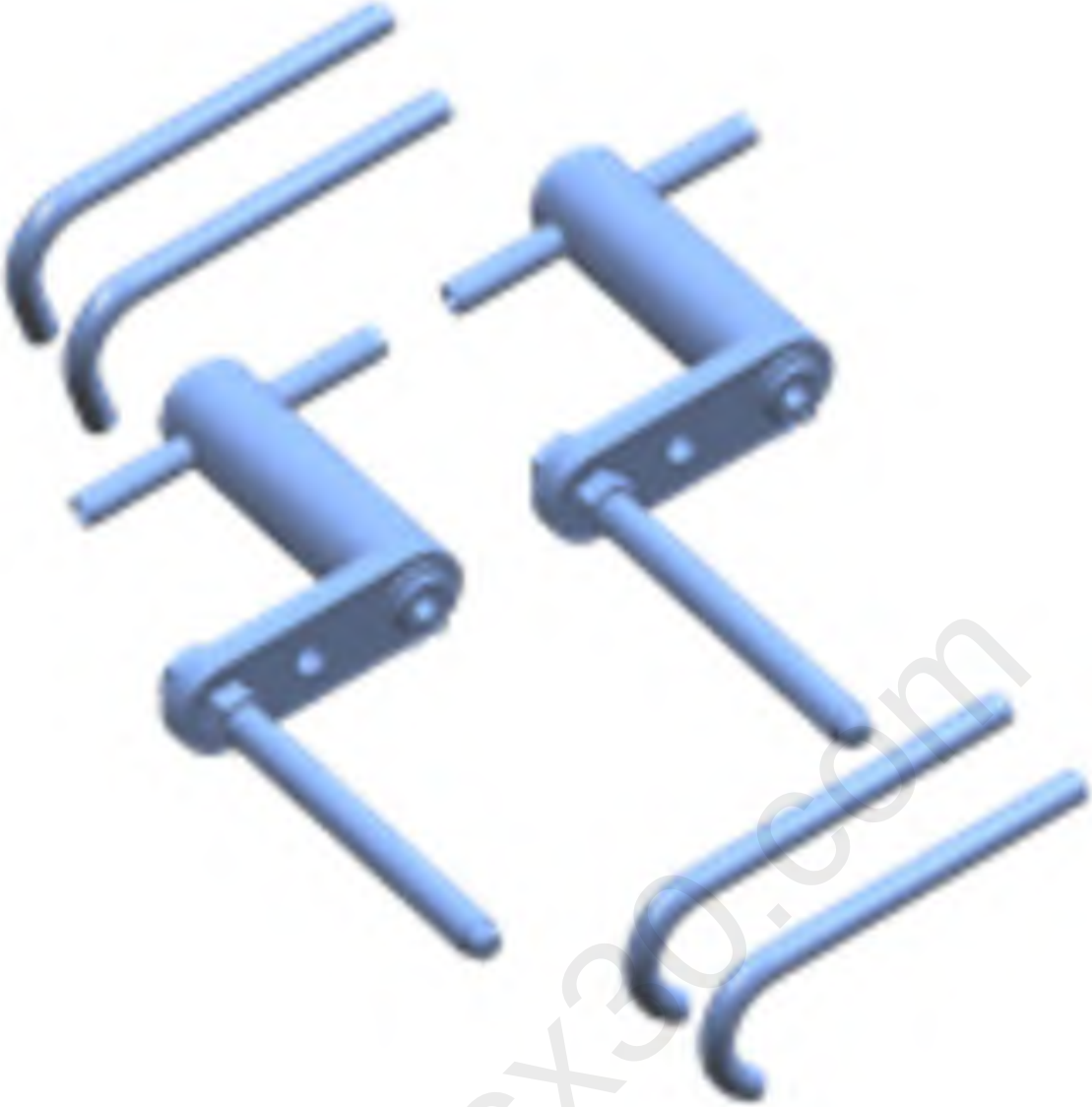
Illustration	Tool Number/Description
	EN-49248 Injector Rail Assembly Remover

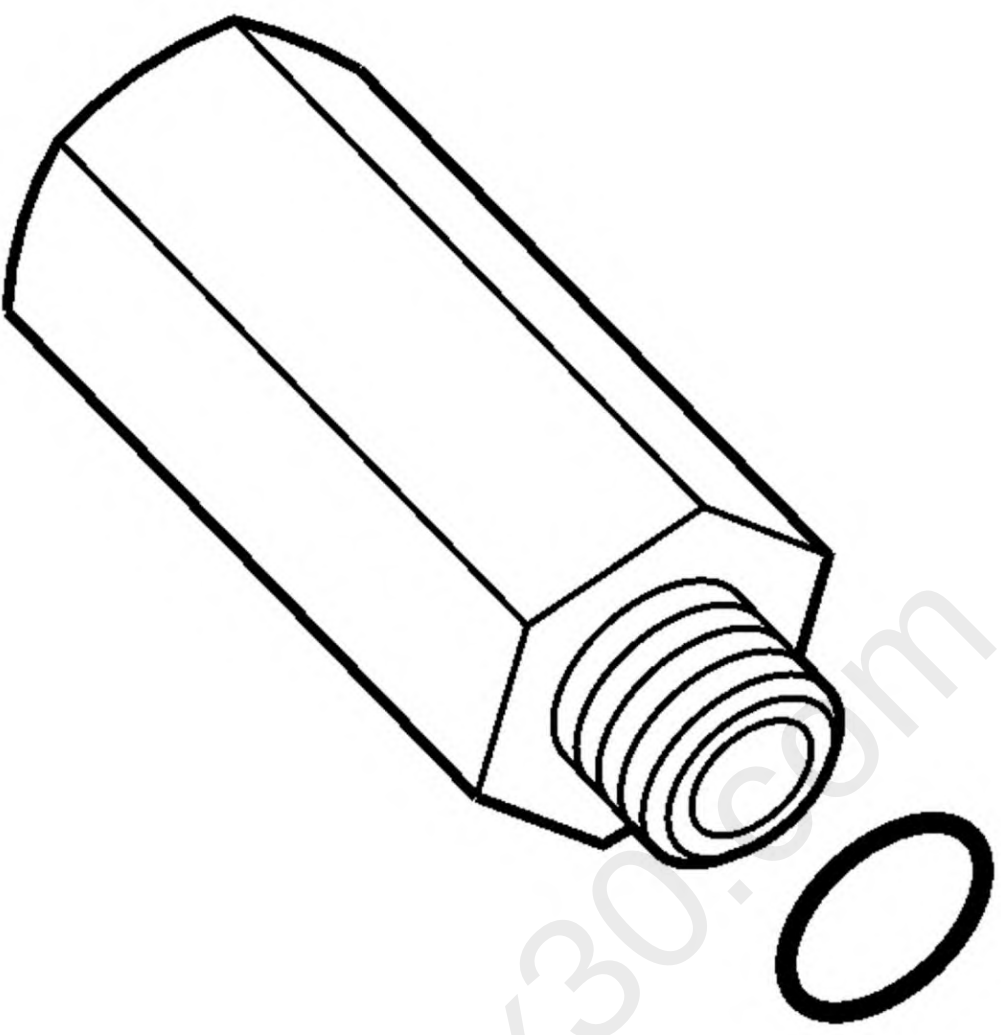
Illustration	Tool Number/Description
 A technical line drawing of an oil pressure adapter fitting. The fitting has a hexagonal body with a threaded end. An O-ring seal is shown separately next to the fitting. A diagonal watermark 'mcx30.com' is visible across the illustration.	EN-50789 Oil Pressure Adapter Fitting

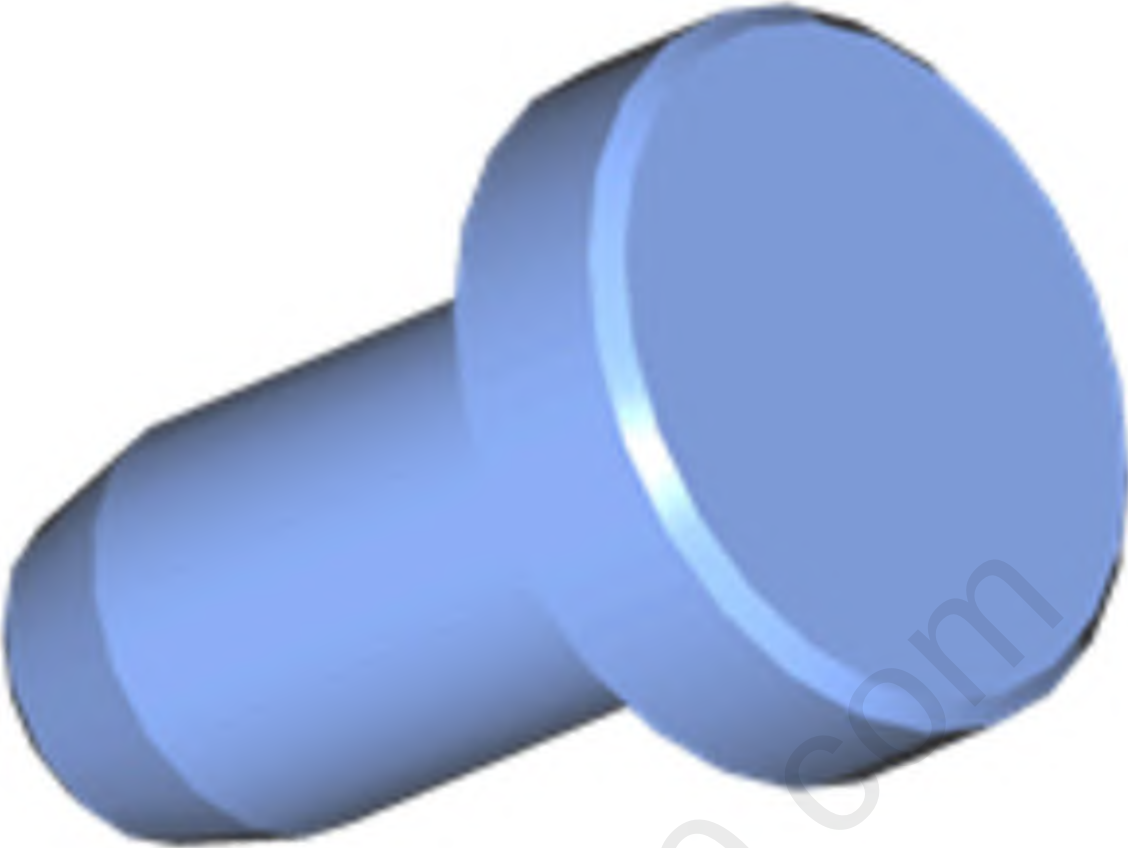
Illustration	Tool Number/Description
 A 3D rendering of a blue cylindrical tool with a flange, identified as an HP Fuel Pump Installation Alignment Gauge. The tool consists of a long, tapered cylindrical body that ends in a larger, flat circular flange. The entire object is a uniform blue color with soft shading to indicate its three-dimensional form. A large, light gray watermark 'mcx30.com' is diagonally oriented across the lower half of the image.	EN-50790 HP Fuel Pump Installation Alignment Gauge

Illustration	Tool Number/Description
	EN-51007 J-28467 - B Engine Support Fixture
mcx30.com	

Illustration	Tool Number/Description
	EN-51096 DT-51096 Crankshaft Rear Oil Seal Remover

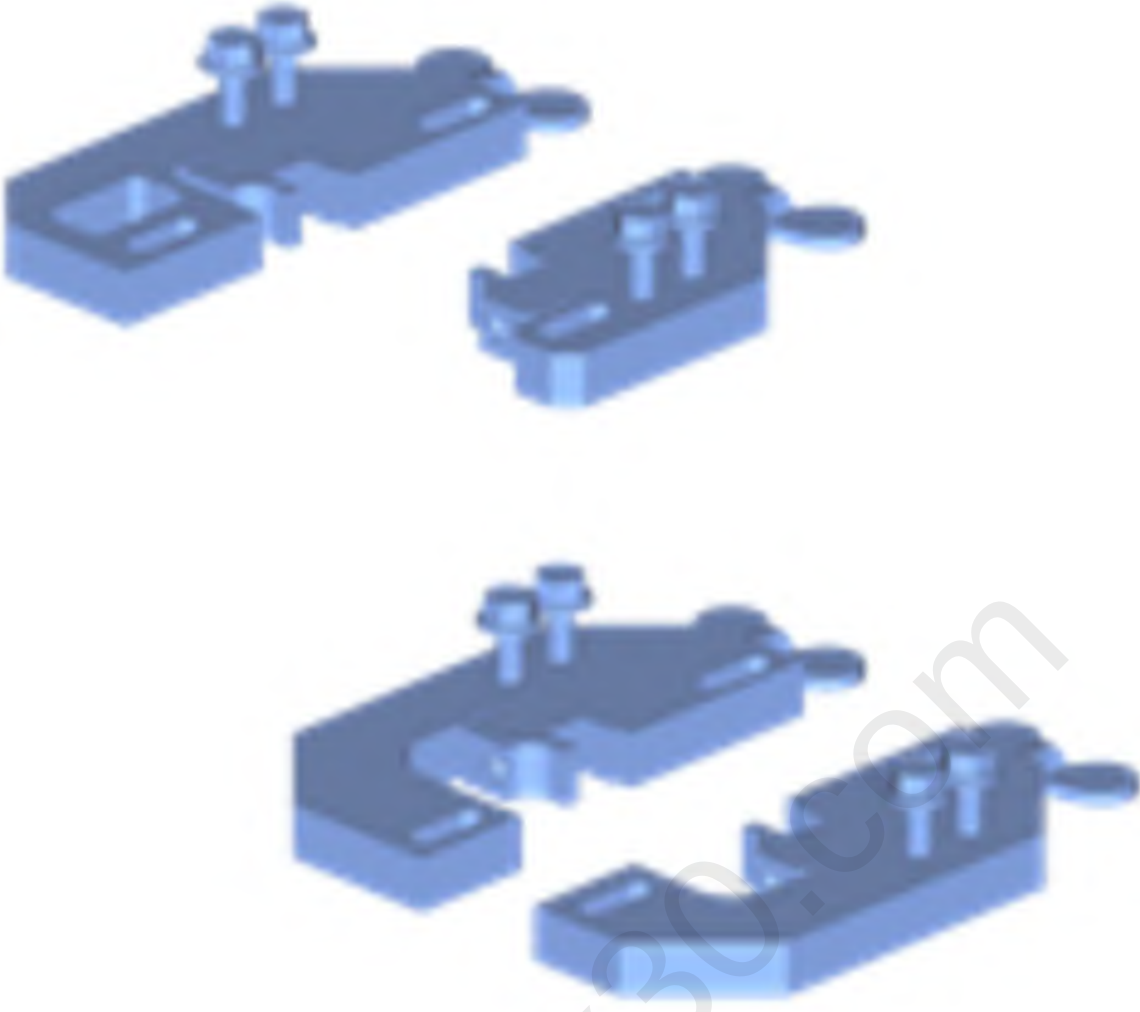
Illustration	Tool Number/Description
	EN-51333 Timing Chain Retainer

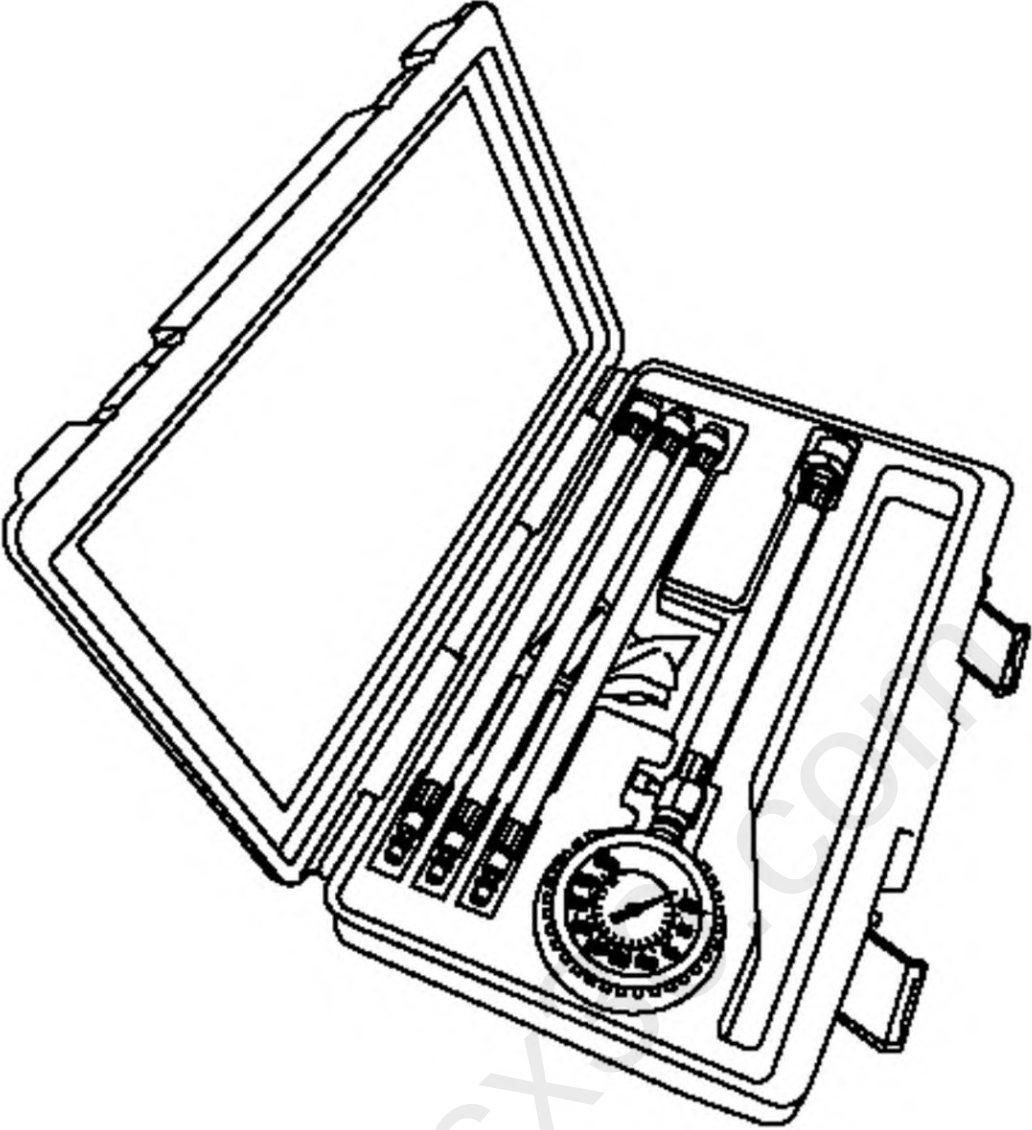
Illustration	Tool Number/Description
	EN-51749 Compression Gauge Tester Kit

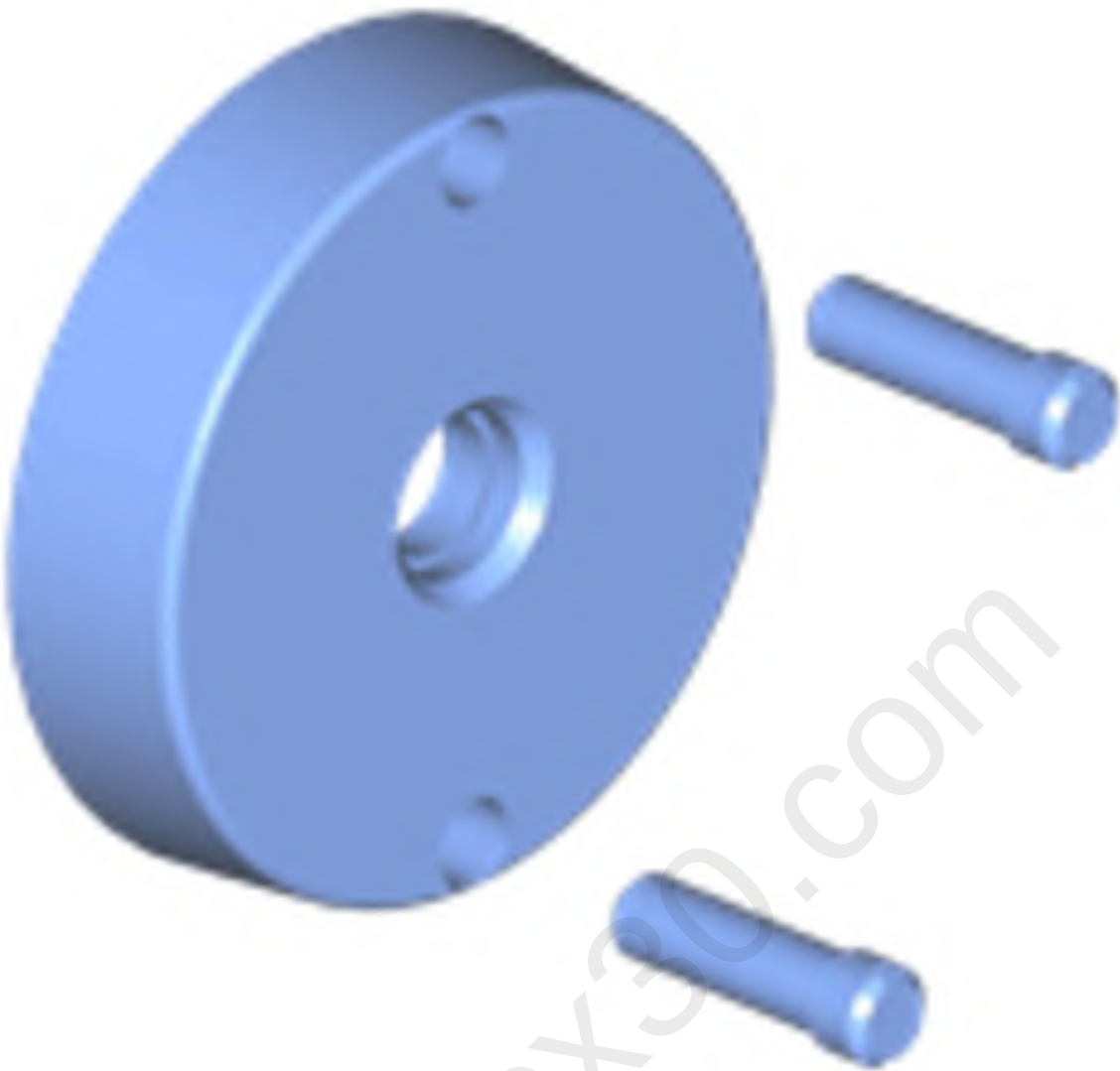
Illustration	Tool Number/Description
 A 3D rendering of a blue circular oil seal installer. The main component is a thick, circular disc with a central hole and two smaller holes on its outer edge. Two blue pins are shown separately, one above and one below the main disc. A large, light gray watermark 'mcx30.com' is diagonally across the image.	EN-51766 Crankshaft Rear Oil Seal Installer

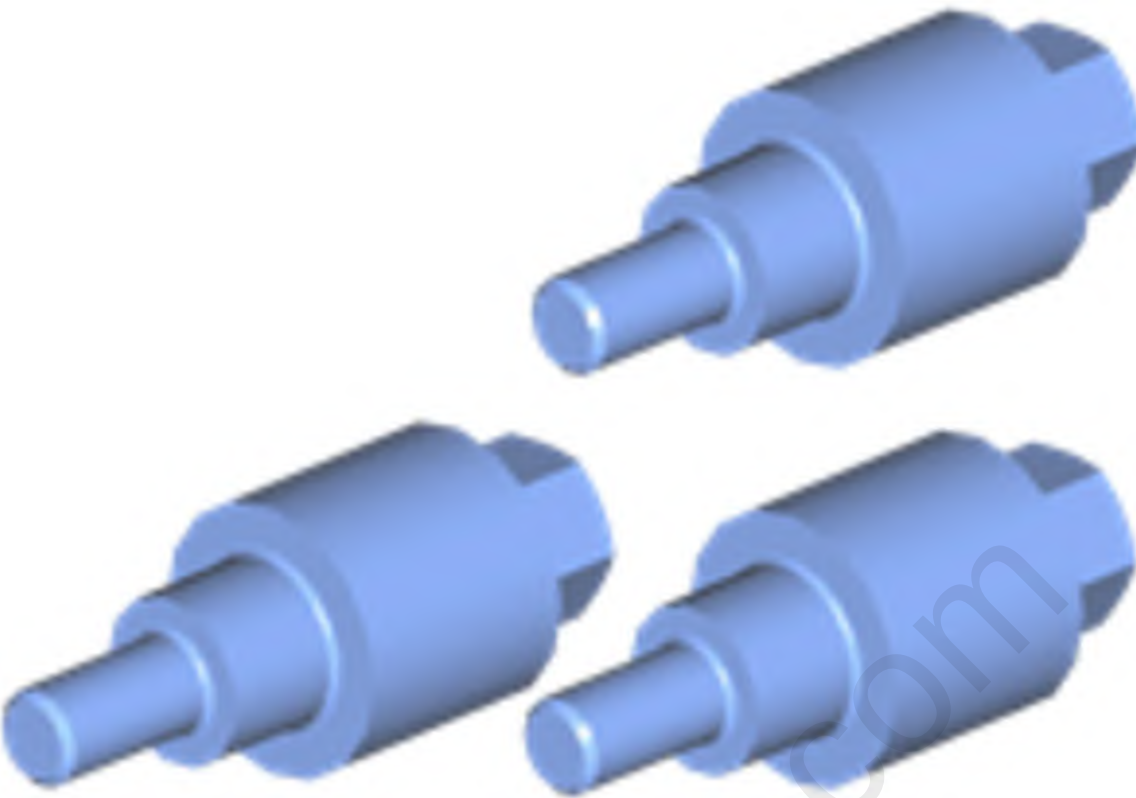
Illustration	Tool Number/Description
	EN-51768 Engine Support Fixture Adapter Bolts M8

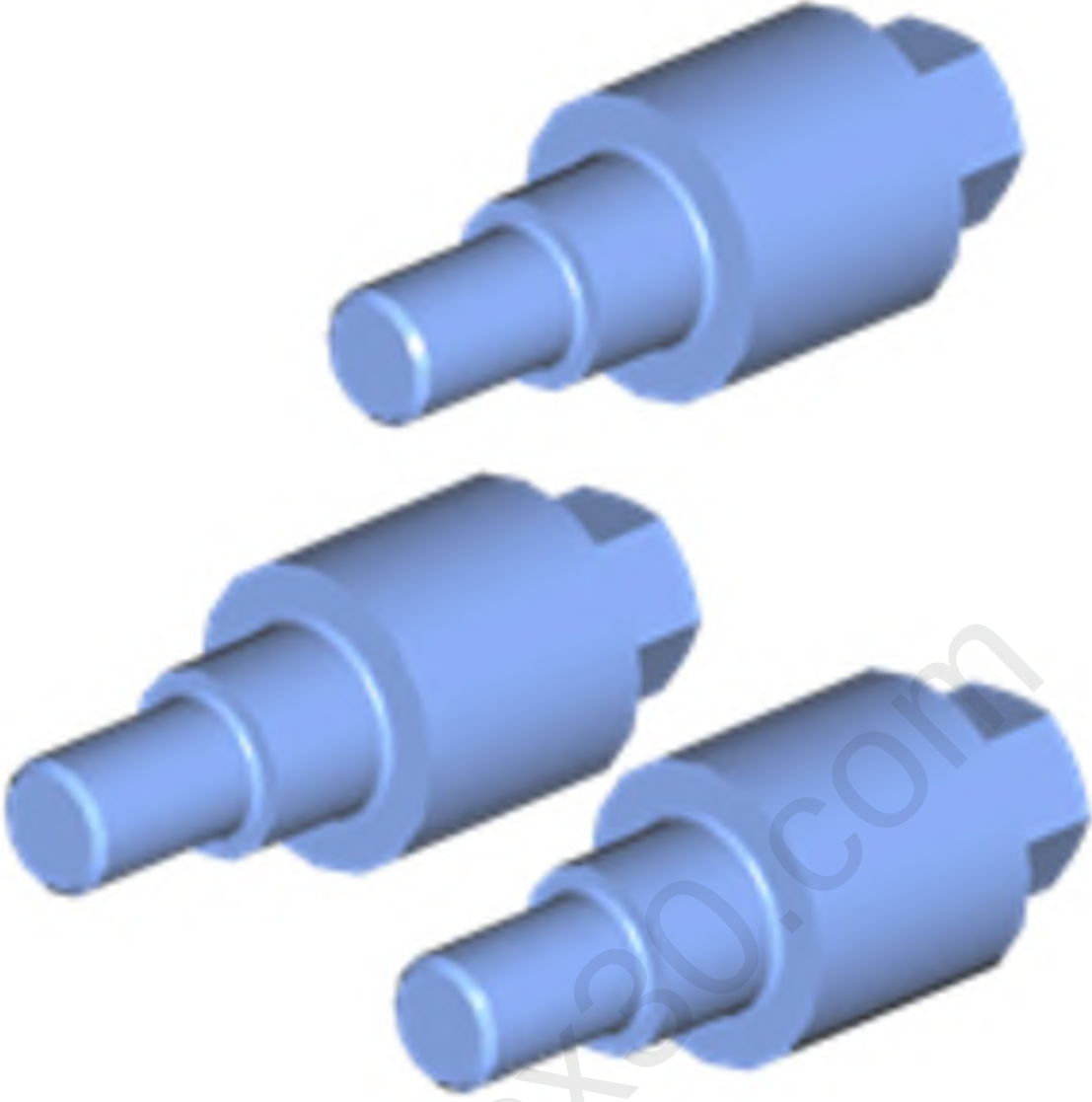
Illustration	Tool Number/Description
	EN-52059 Engine Support Fixture Adapter Bolts M10

Illustration	Tool Number/Description
 The illustration shows three identical blue metal pins arranged vertically. Each pin consists of a circular loop at one end and a straight shaft at the other. The pins are shown from a slightly angled perspective, giving them a three-dimensional appearance. A large, light gray watermark 'mcx30.com' is diagonally across the entire image area.	EN-52234 Timing Chain Tensioner Retaining Pins

Illustration	Tool Number/Description
 The illustration shows an exploded view of the EN-52287 Balancer Holding Tool assembly. The components include: a large cylindrical housing with a central bore and four mounting holes; a circular plate with a central hole and eight radial slots; a rectangular base plate; several long and short pins; a set of three washers; a set of three nuts; and a set of three small spacers. The components are arranged in a way that shows their relative positions and how they fit together.	EN-52287 Balancer Holding Tool

Illustration	Tool Number/Description
	GE-6125-1B J-6125-1B Slide Hammer Adapter

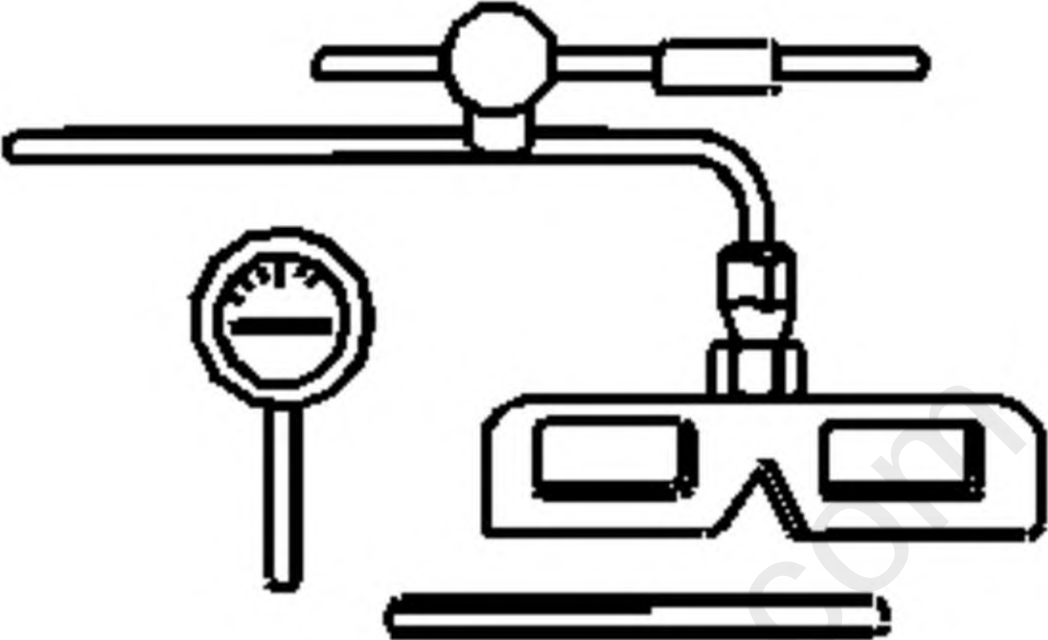
Illustration	Tool Number/Description
	GE-7872 J-7872 Magnetic Base Dial Indicator

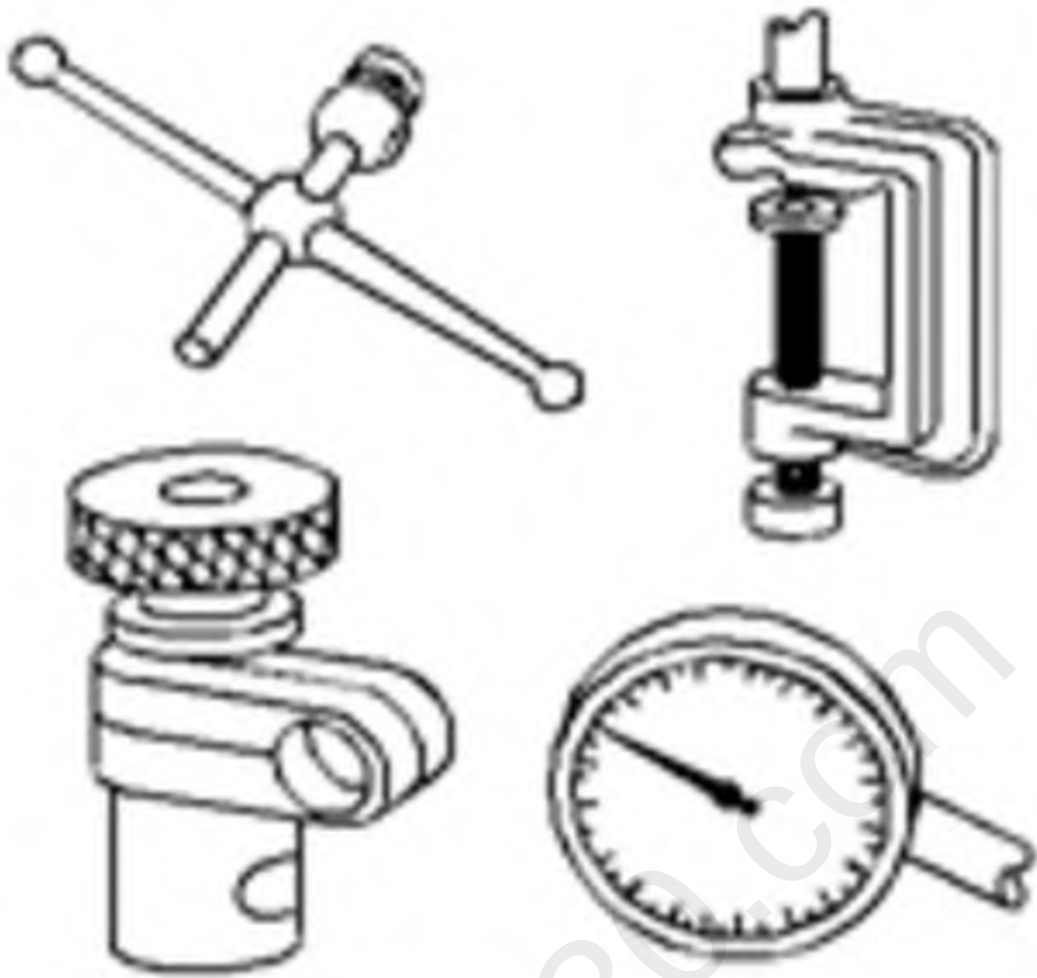
Illustration	Tool Number/Description
 The illustration shows four mechanical tools. At the top left is a four-way screwdriver with a central hub and four long, thin handles. To its right is a C-clamp with a U-shaped frame and a threaded rod with a conical foot. At the bottom left is a knurled adjustment knob mounted on a cylindrical base with a side flange. At the bottom right is a dial indicator with a circular face, a needle, and a long, thin stem.	GE-8001 J-8001 Dial Indicator Set

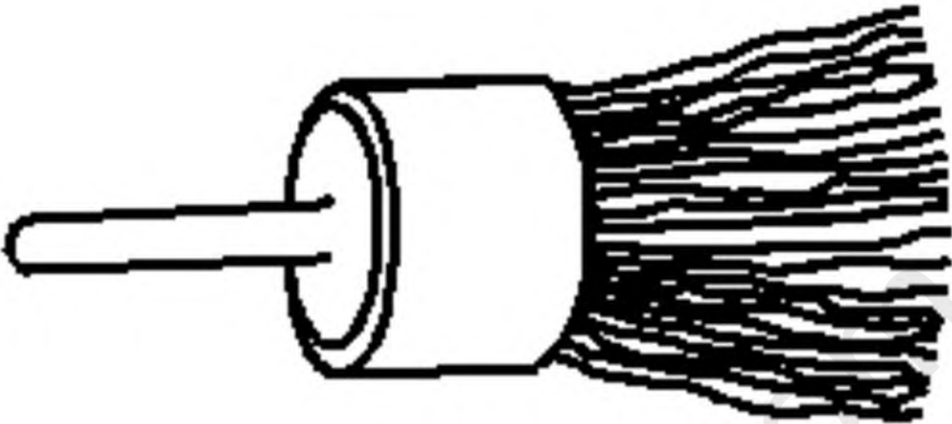
Illustration	Tool Number/Description
	GE-8358 J-8358 Carbon Removal Brush

Illustration	Tool Number/Description
	GE-23907 Slide Hammer with Bearing Adapter

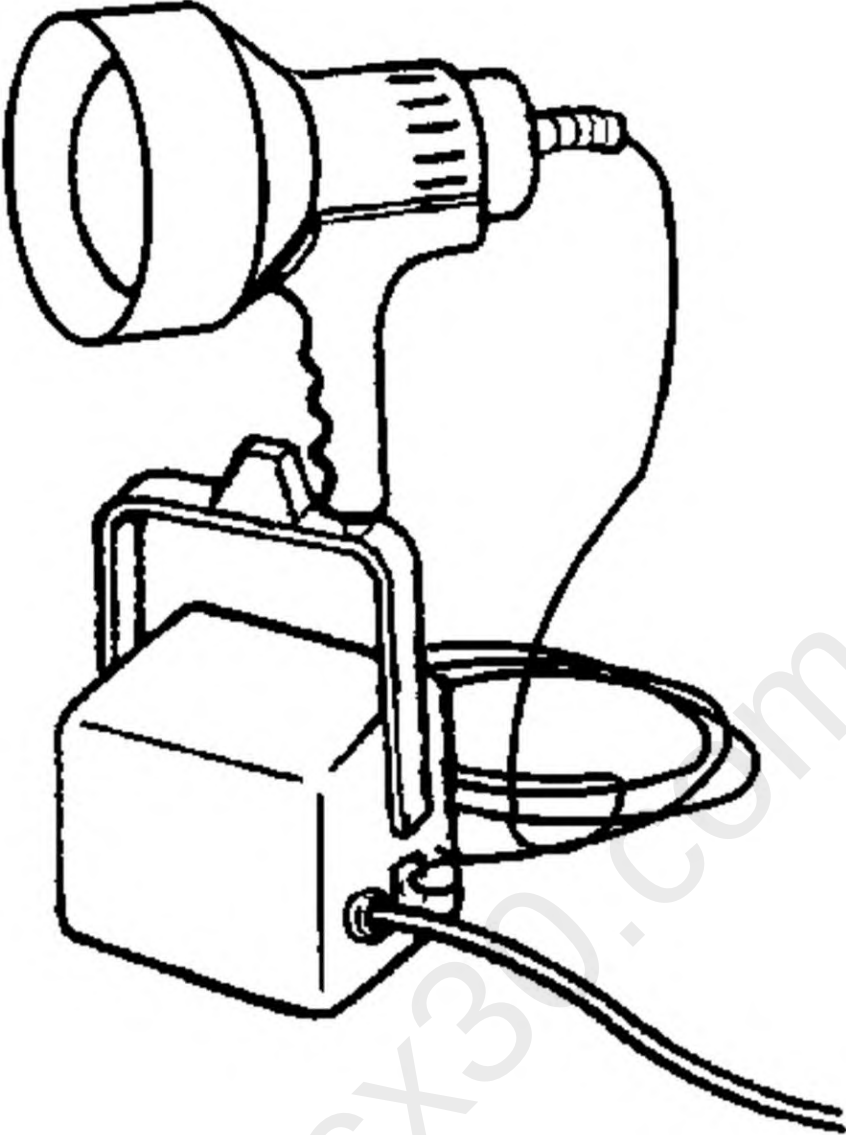
Illustration	Tool Number/Description
	GE-28428-E J-28428-E High Intensity Black Light Kit

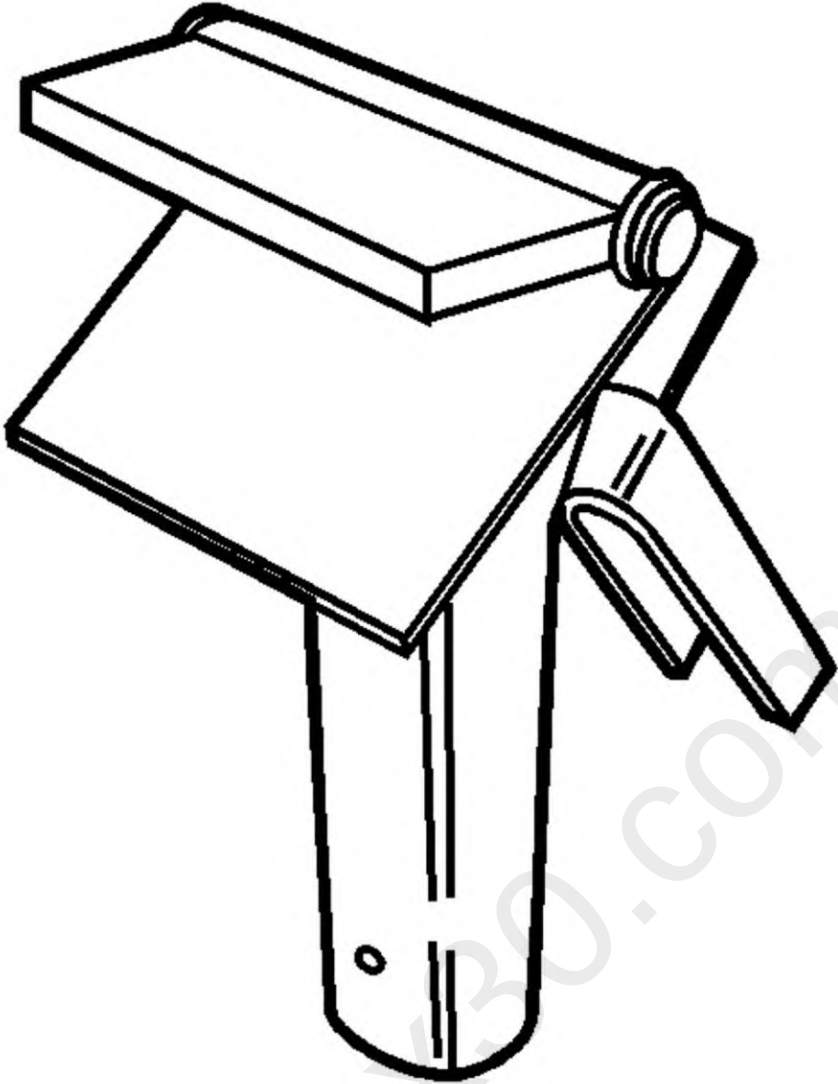
Illustration	Tool Number/Description
	GE-48326 Sealant Dispenser

Illustration	Tool Number/Description
	J-24420-C Crankshaft Balancer Puller