

2017 ENGINE PERFORMANCE

Engine Controls and Fuel - 1.8L (2H0) - Special Tools and Equipment - Encore, Trax

SPECIAL TOOLS AND EQUIPMENT

SPECIAL TOOLS (DIAGNOSTIC TOOLS)

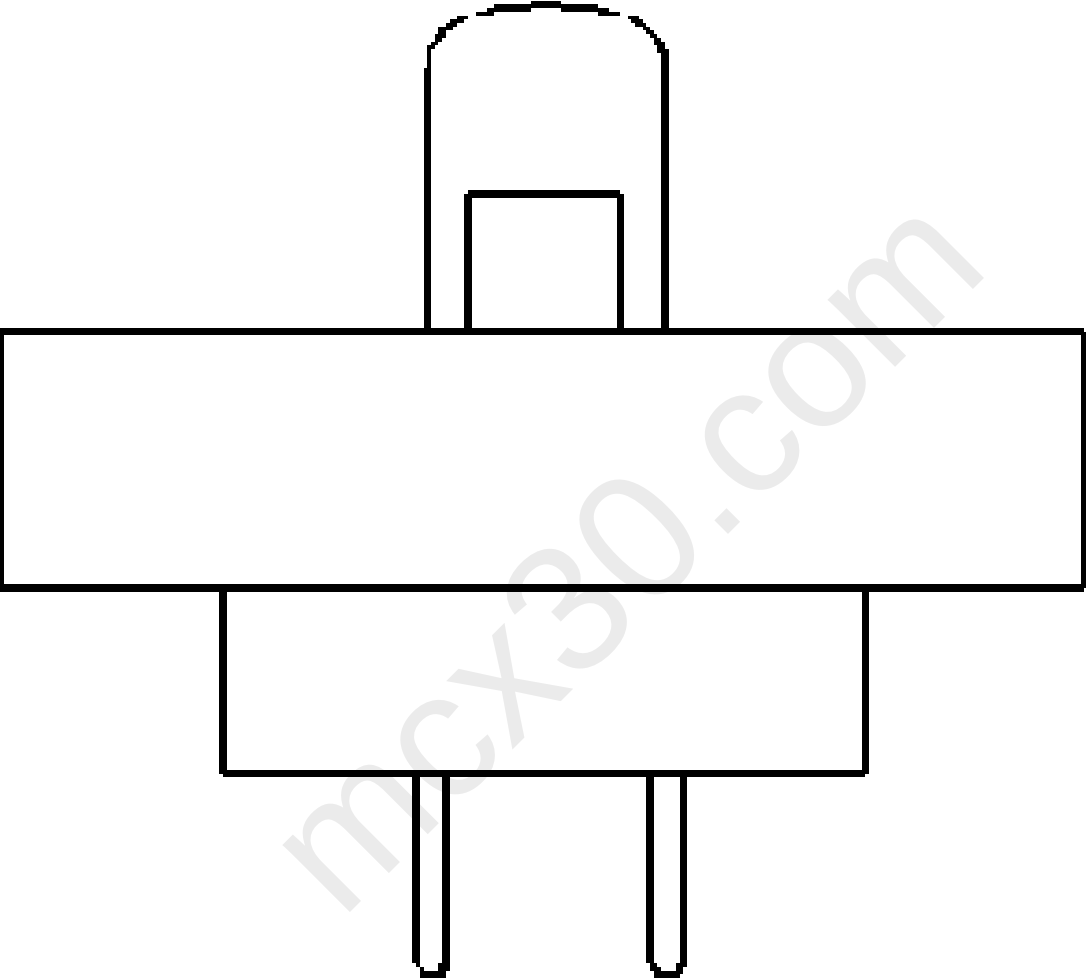
Illustration	Tool Number/Description
	CH-34730-2C J-34730-2C Injector Test Lamp

Illustration	Tool Number/Description
	CH-37287-1A Fuel Pressure Gauge Adapter 3/8"
	CH-38641-B J-38641-B Diesel Fuel Quality Tester

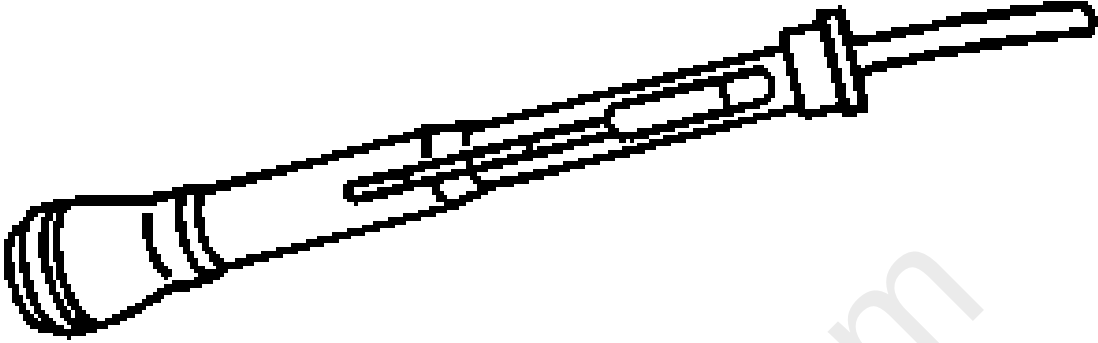
Illustration	Tool Number/Description
	

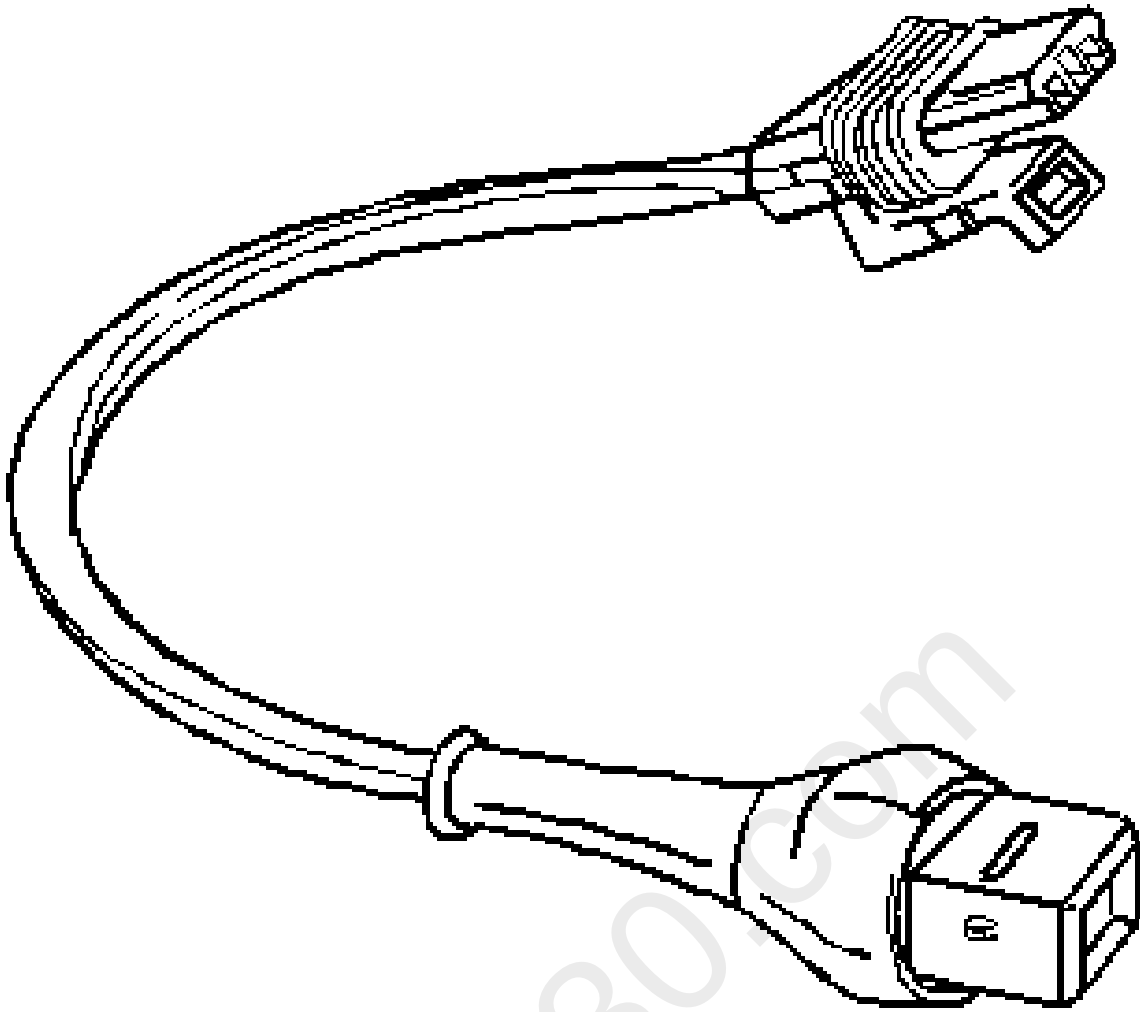
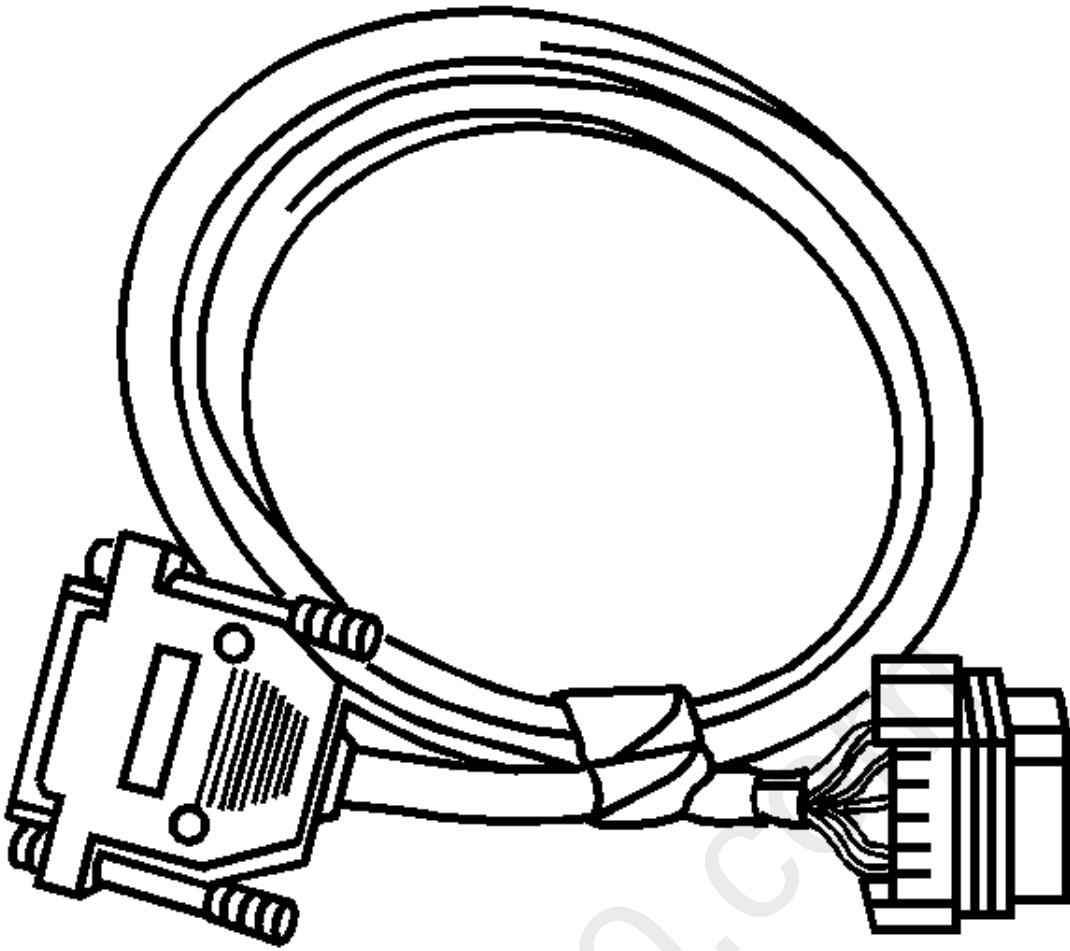
Illustration	Tool Number/Description
	CH-39021-301 J-39021-301 Fuel Injector Harness Adapter

Illustration	Tool Number/Description
	CH-39021-460 J-39021-460 Fuel Injector Test Adapter

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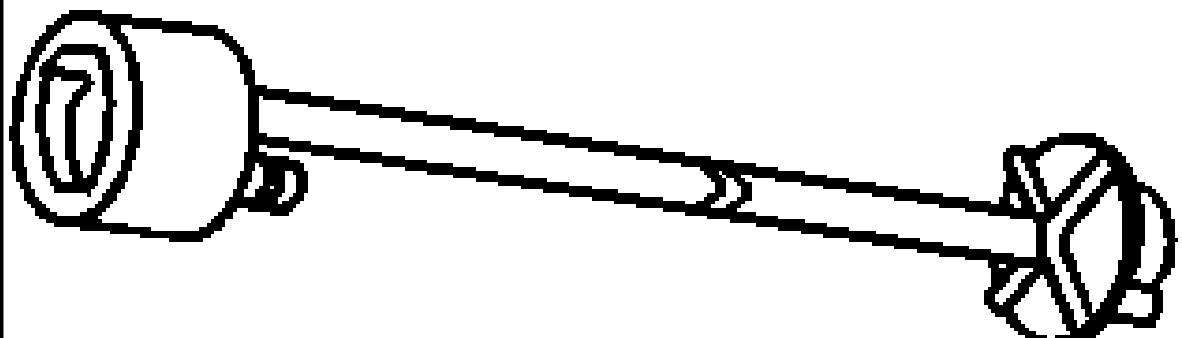
Illustration	Tool Number/Description
	CH-41415-30 GE-41415-30 J-41415-30 Fuel Tank Cap Adapter

Illustration	Tool Number/Description
	CH-41769 J-41769 Fuel Line Quick Disconnect Tool
	CH-44284-2 J-44284-2 Fuel Flapper Door Holder

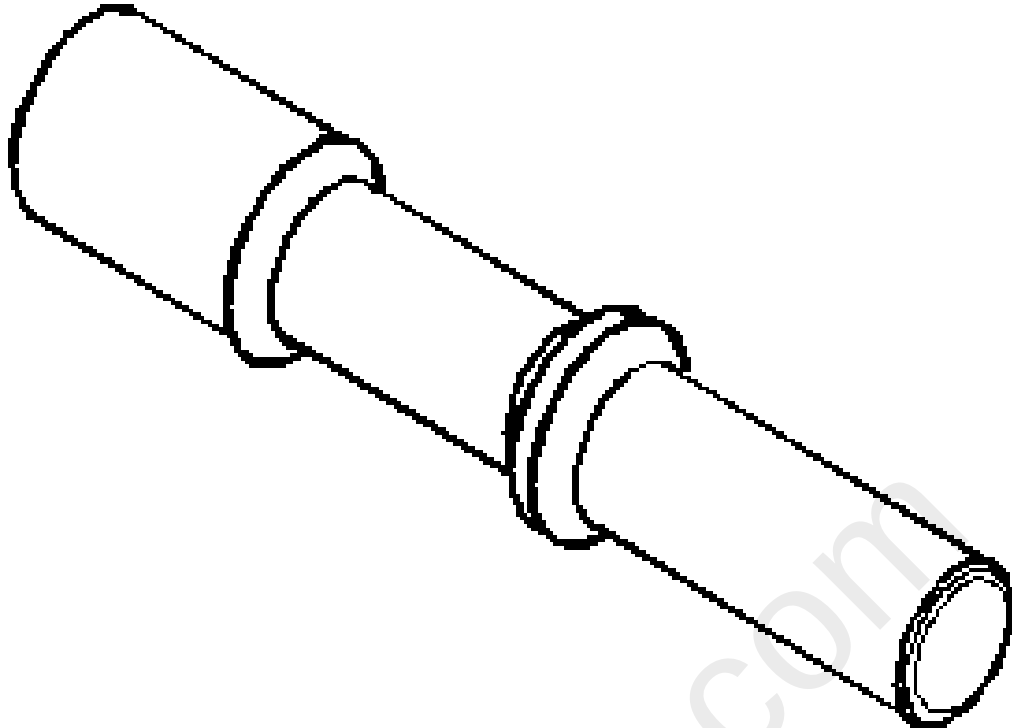
Illustration	Tool Number/Description
	

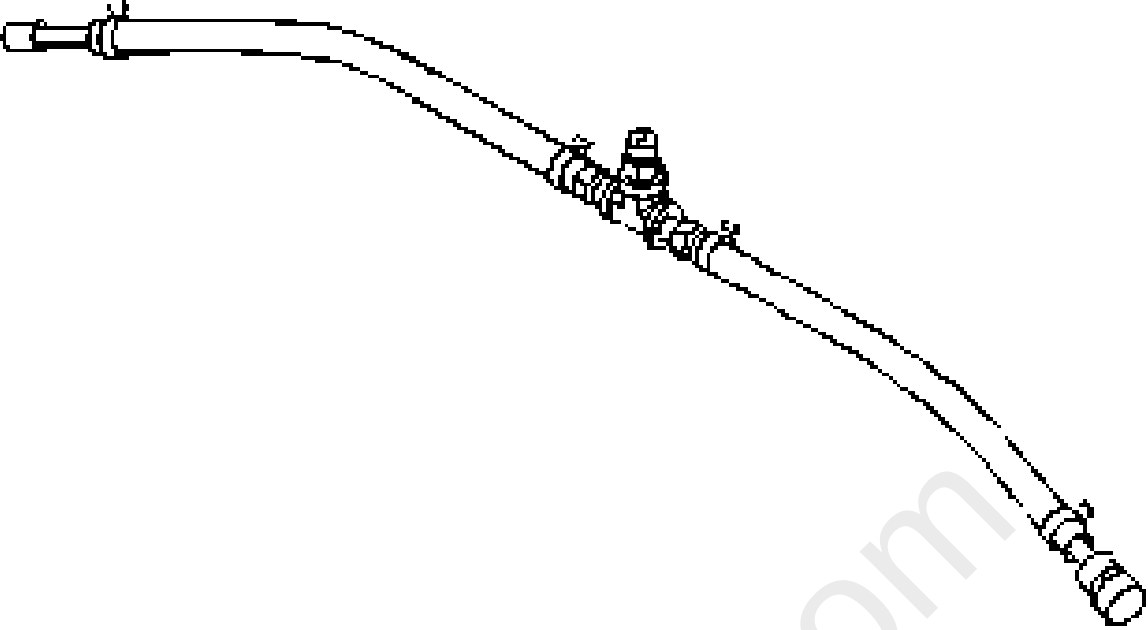
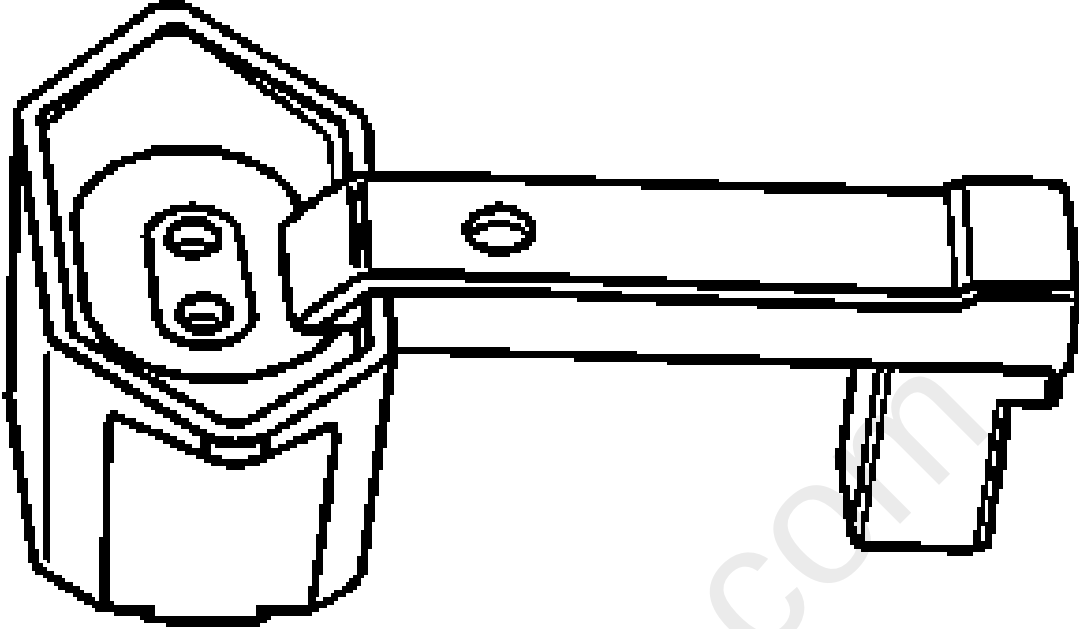
Illustration	Tool Number/Description
	CH-42982 J-42982 Fuel Pressure Gauge Adapter

Illustration	Tool Number/Description
	CH-44175-A J-44175-A Fuel Composition Tester

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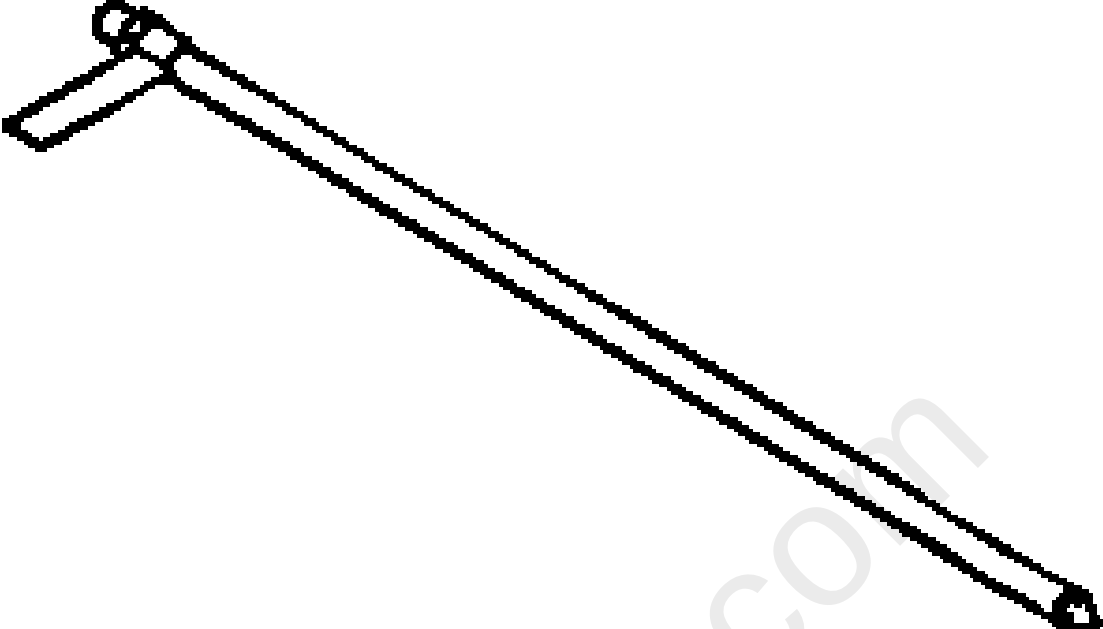
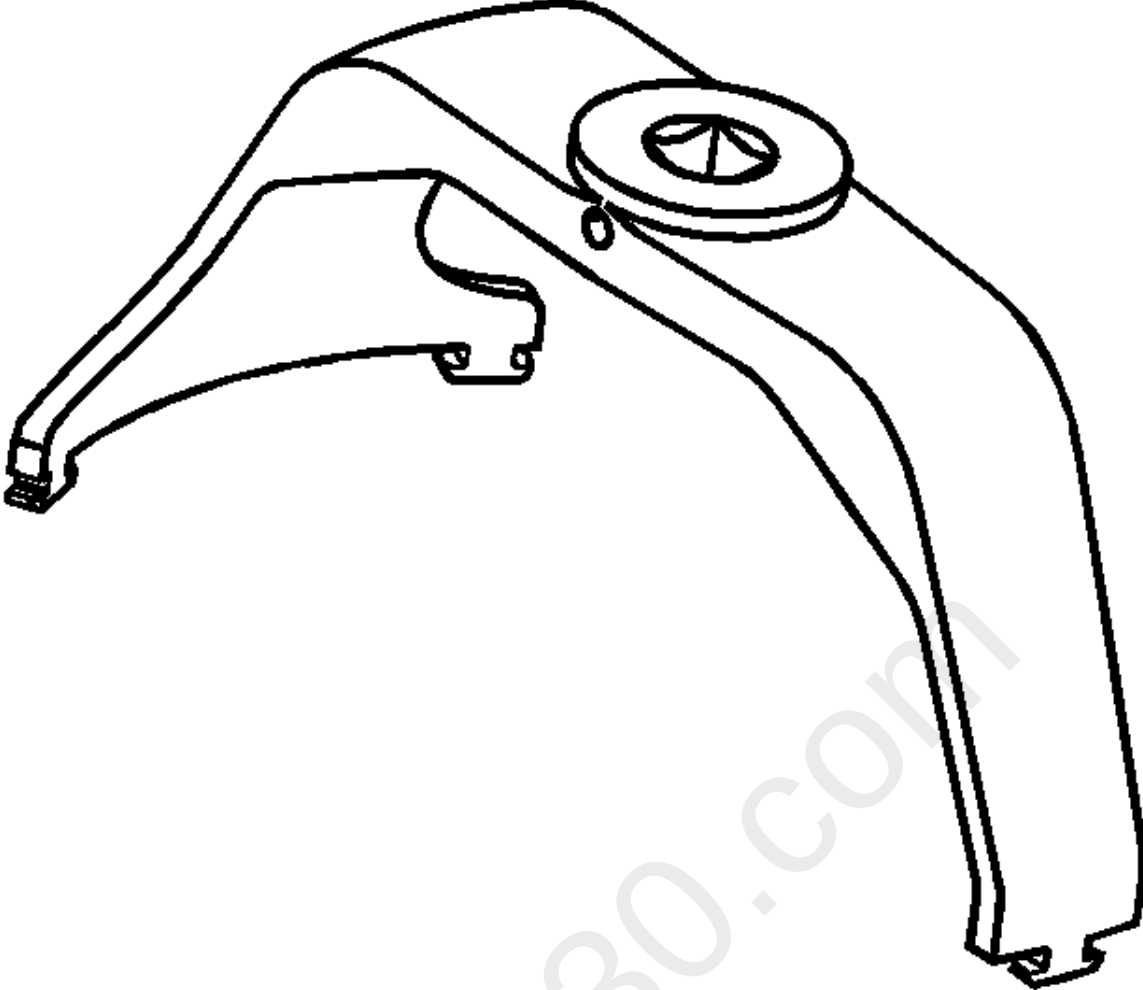
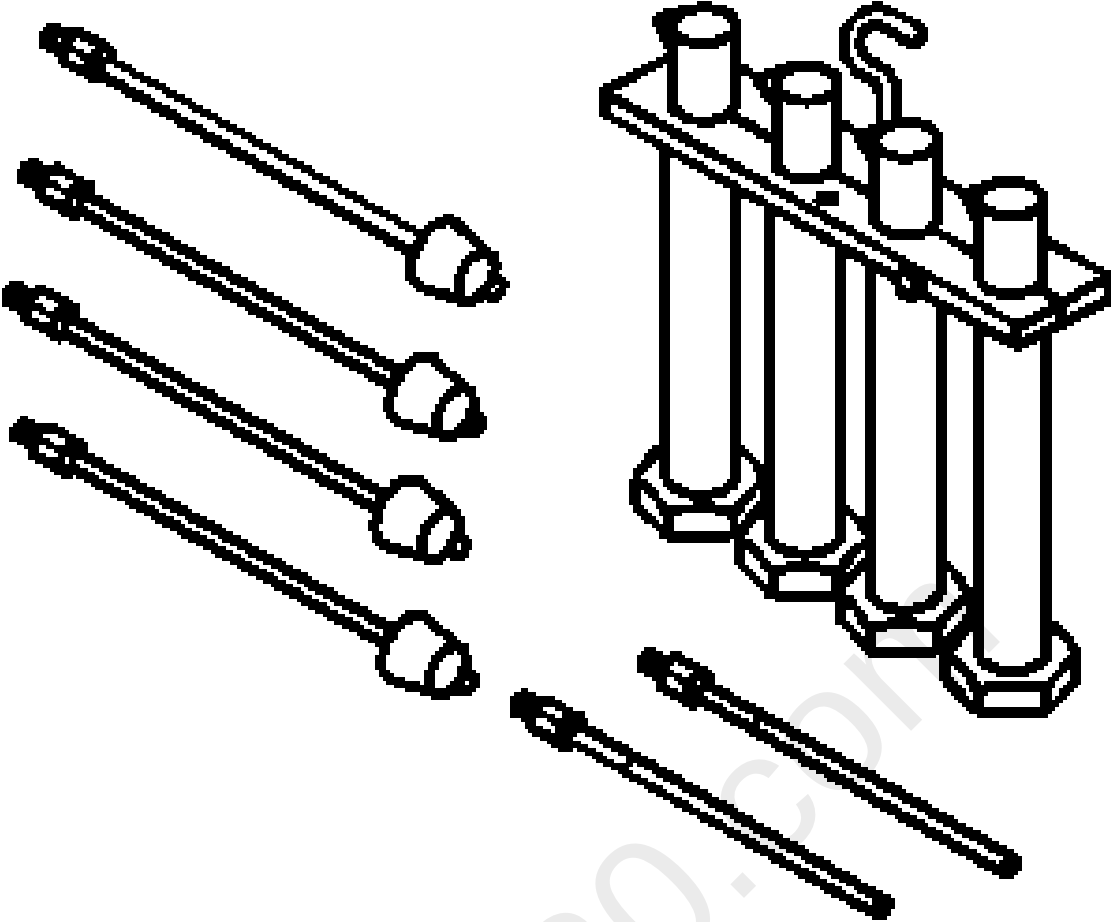
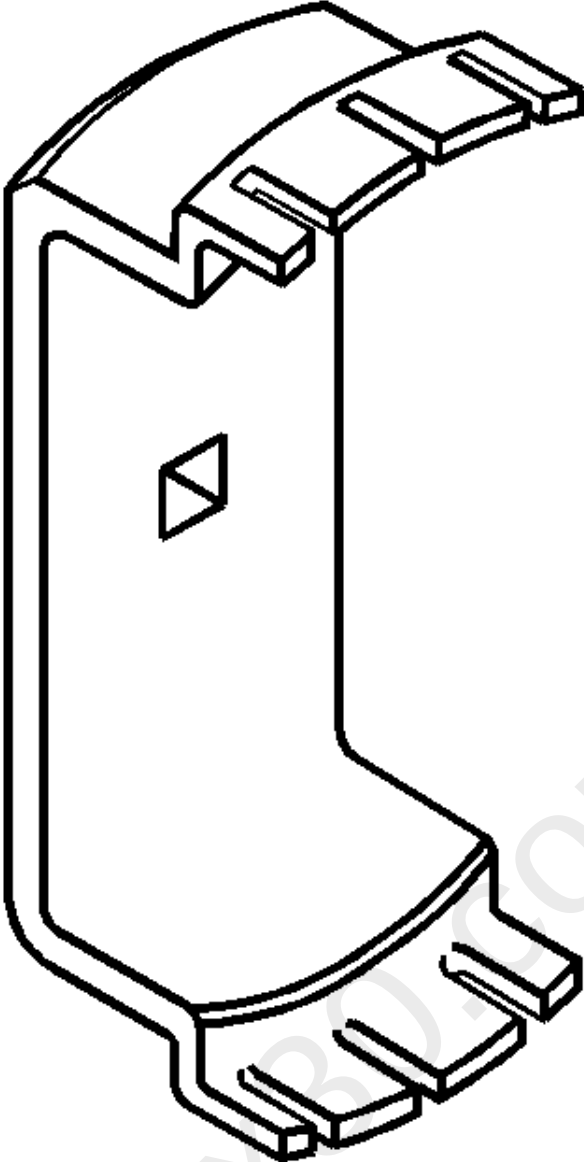
Illustration	Tool Number/Description
	CH-45004 J-45004 Fuel Tank Drain Hose

Illustration	Tool Number/Description
	CH-45722 J-45722 Fuel Sender Lock Ring Wrench

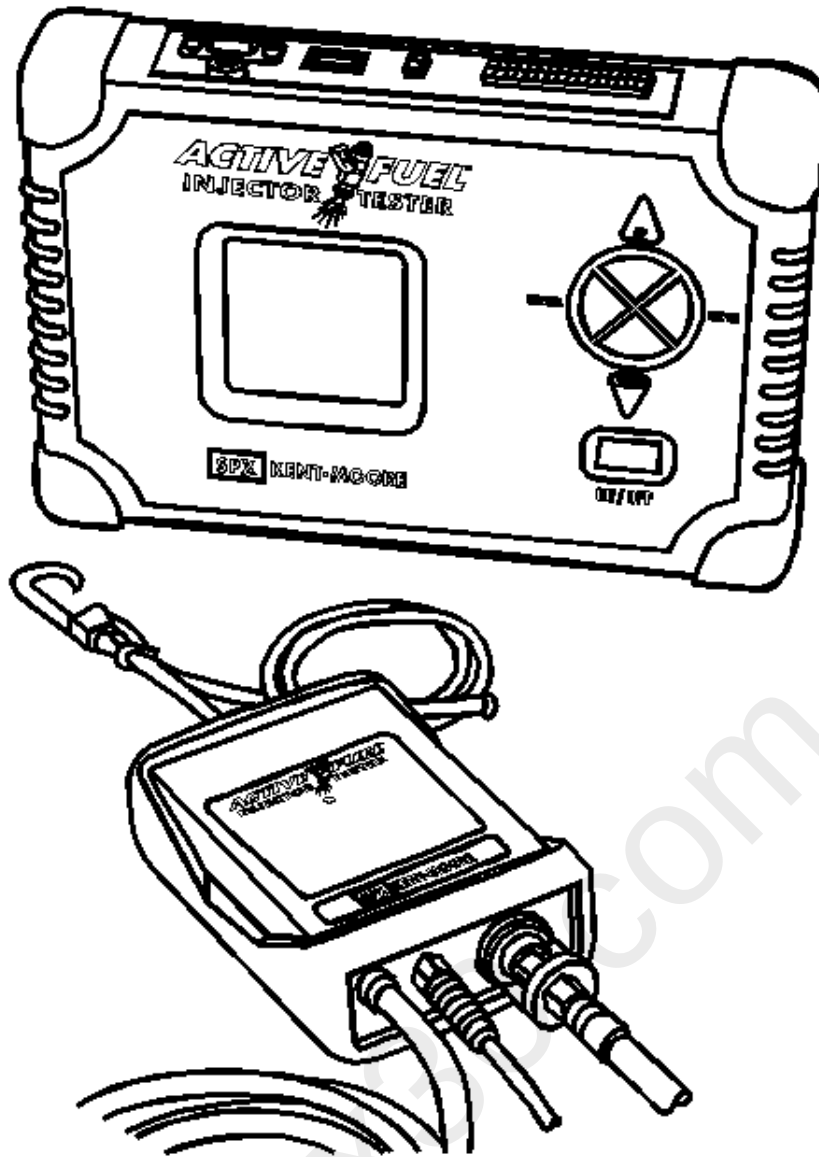
mcx30.com

Illustration	Tool Number/Description
 CH-45873 J-45873 Fuel Return Volume Test Kit	

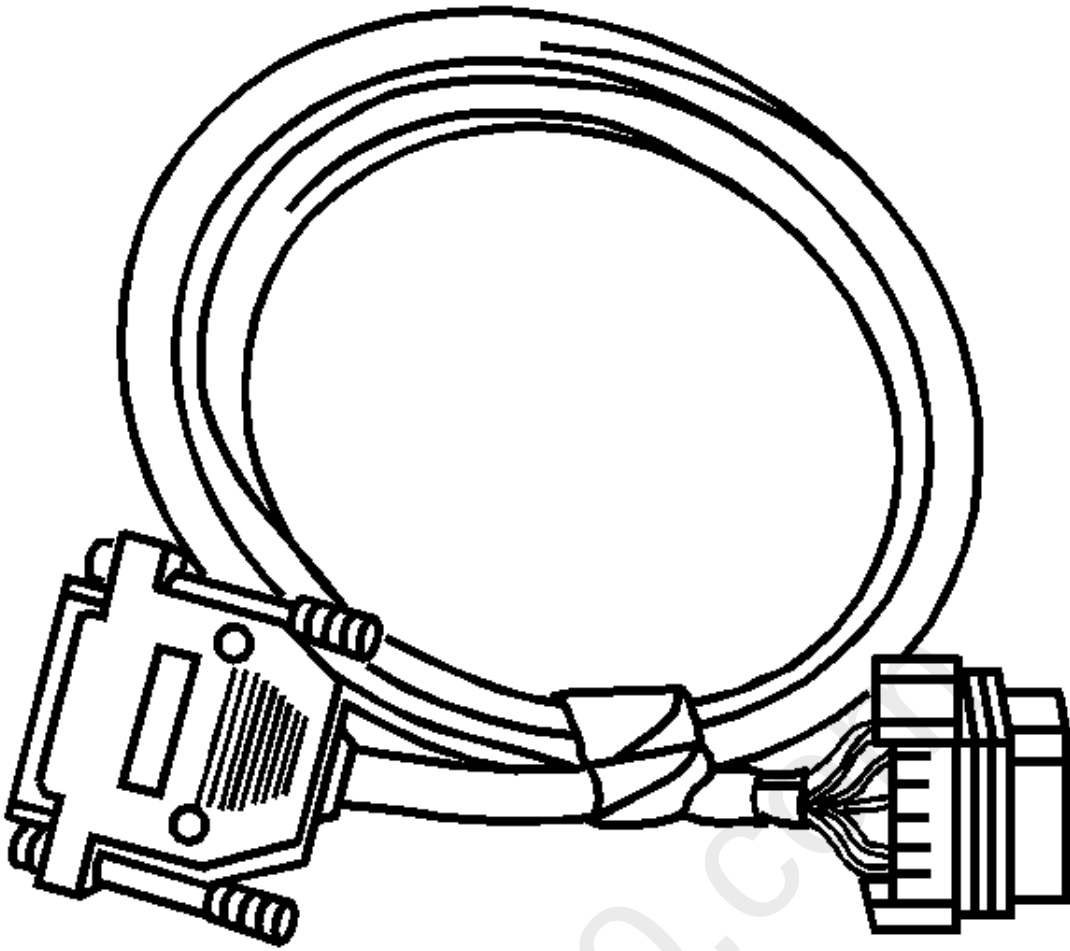
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Illustration	Tool Number/Description
	CH-47717 Lock Ring Wrench

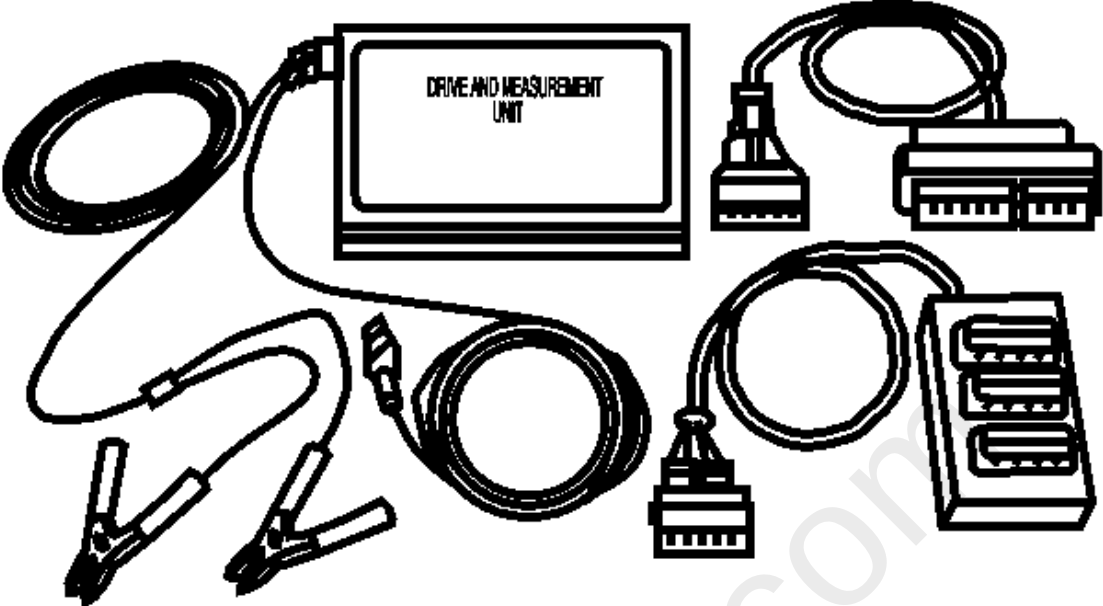
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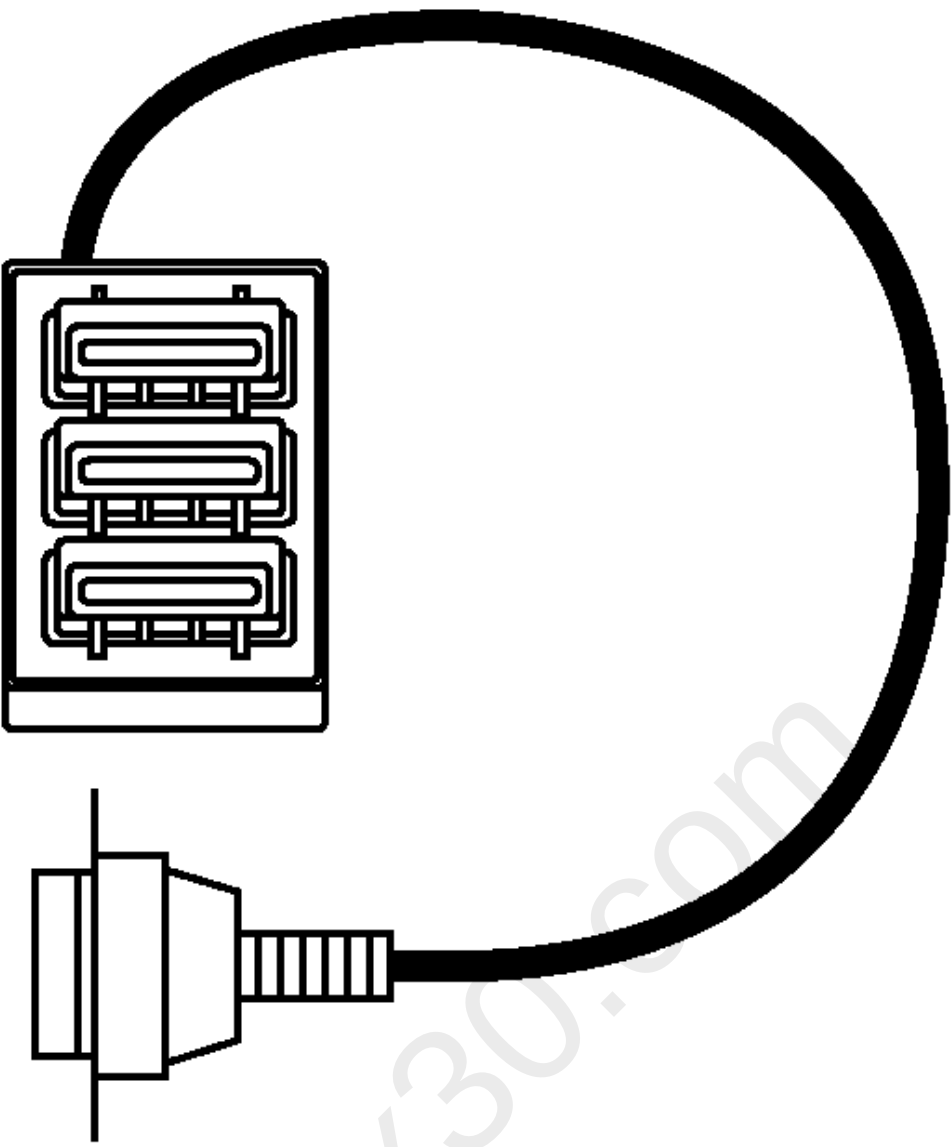
CH-47976
Active Fuel Injector
Tester (AFIT)

Illustration	Tool Number/Description
	CH-47976-75 Fuel Injector Harness Adapter

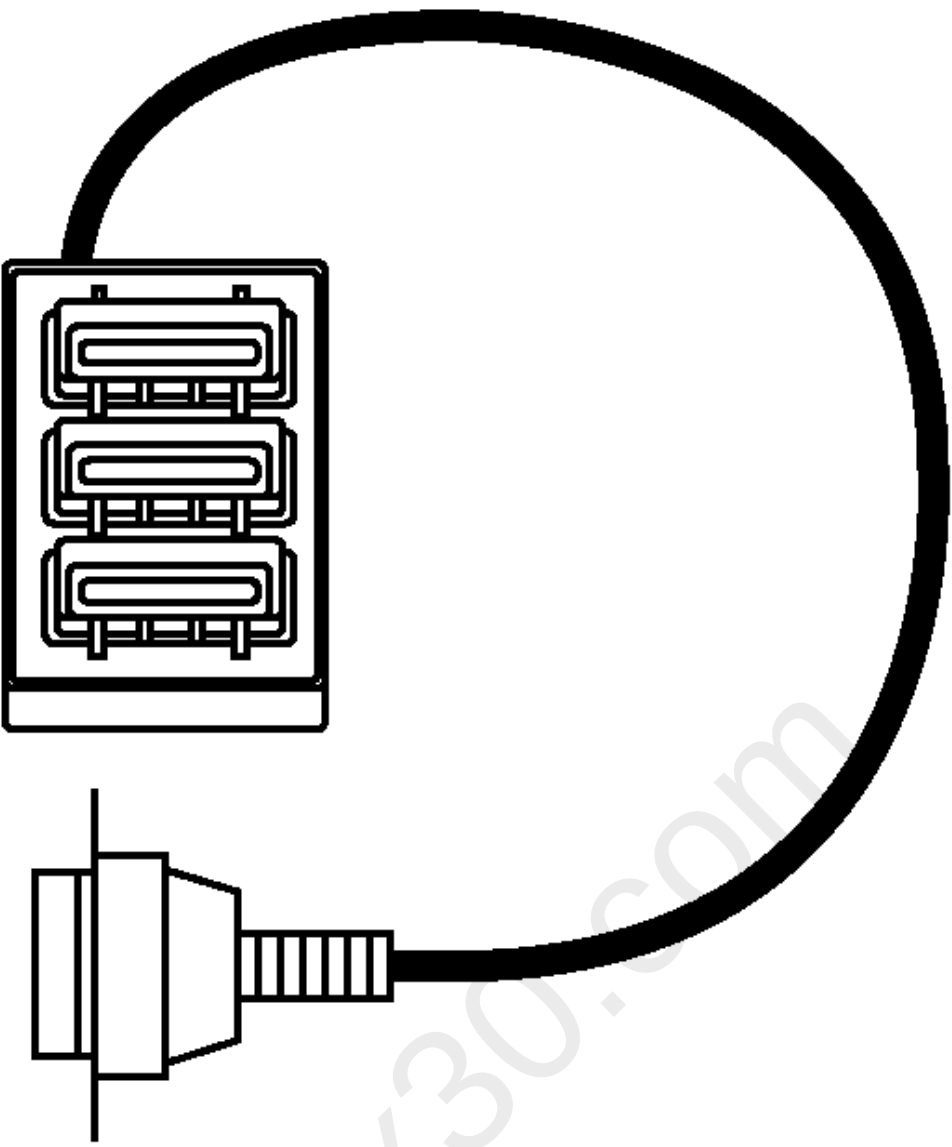
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Illustration	Tool Number/Description
	CH-47976-500A Active Fuel Injection Tester (AFIT) SIDI Adapter Kit

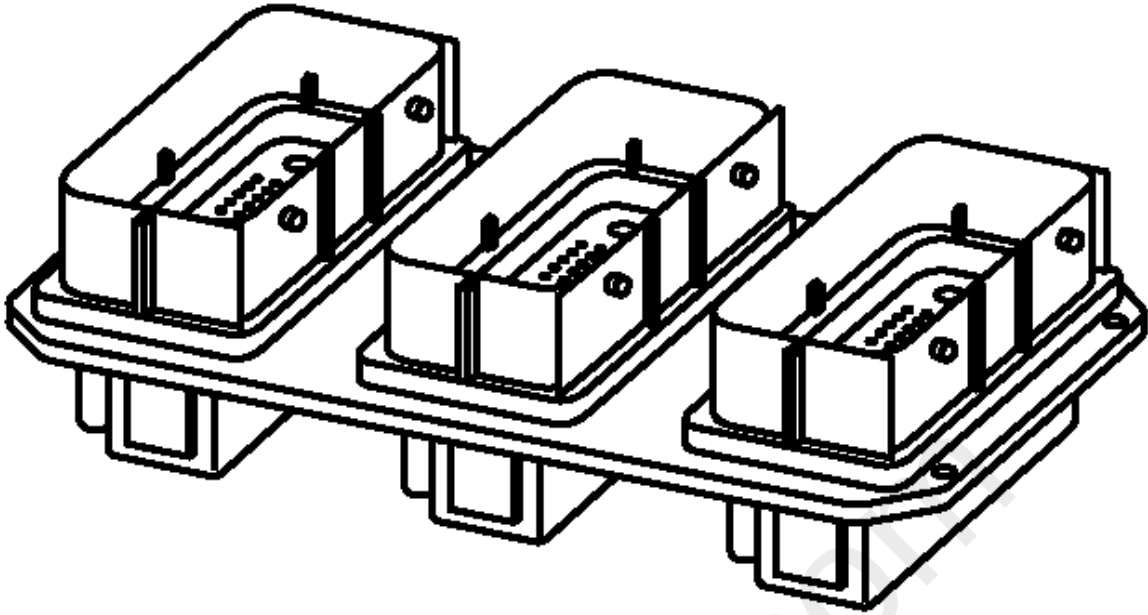
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Illustration	Tool Number/Description
 The illustration shows a black cable with a circular loop. One end of the cable is connected to a rectangular multi-pin connector with three rows of pins. The other end of the cable is connected to a different type of connector, which has a cylindrical body with a flange and a series of horizontal ridges. A faint watermark 'mcx30.com' is visible across the image.	CH-47976-502A AFIT SIDI E92 G2A Adapter Cable

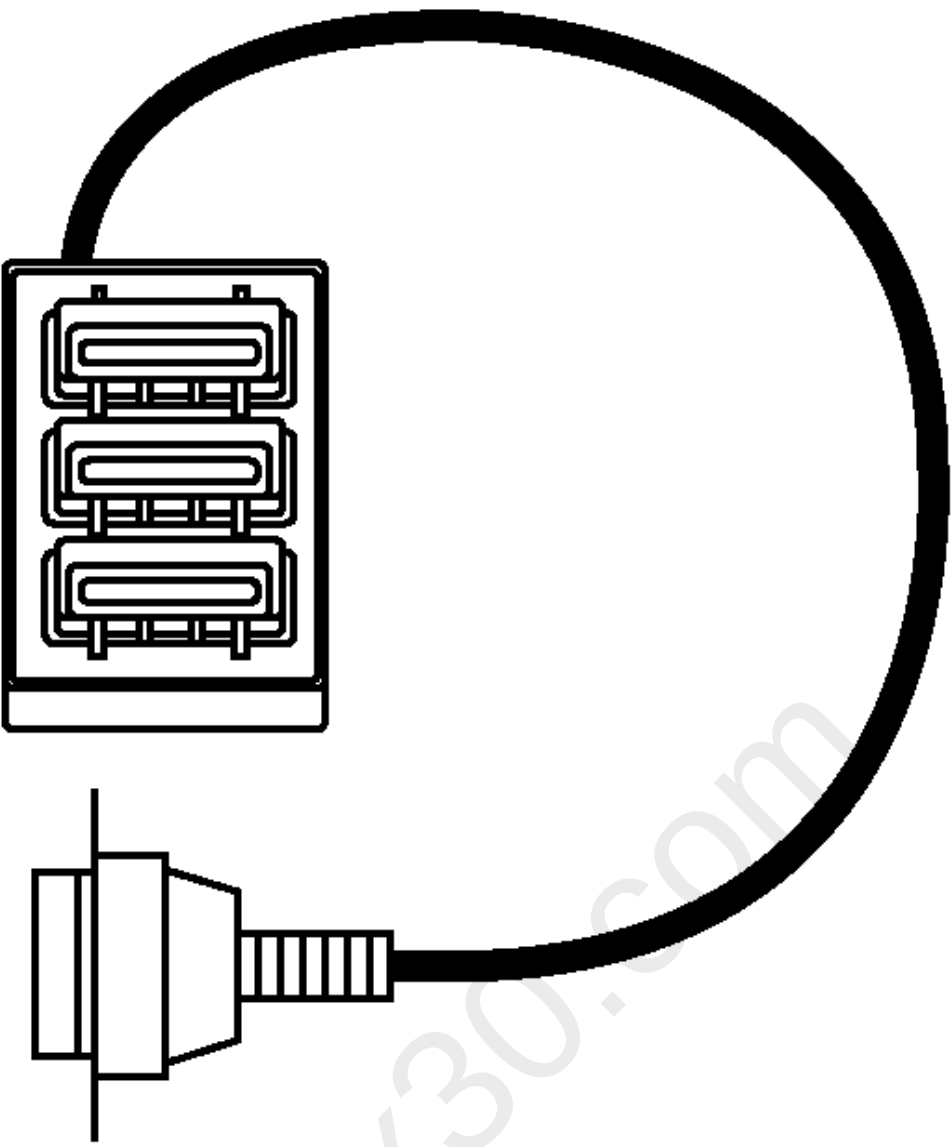
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Illustration	Tool Number/Description
	CH-47976-503 AFIT SIDI E80 G3 Adapter Cable

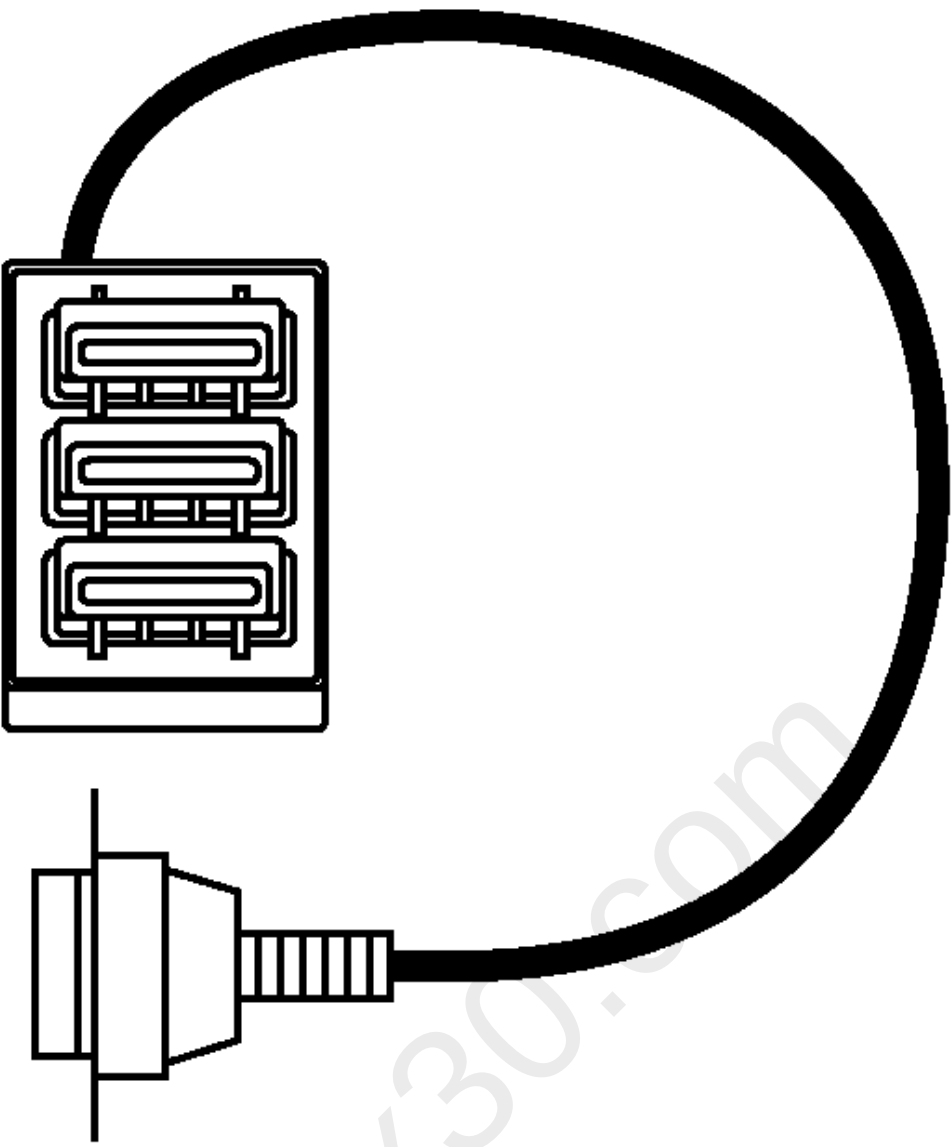
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Illustration	Tool Number/Description
	CH-47976-504 E92/E39A G2B Start/Stop Adapter

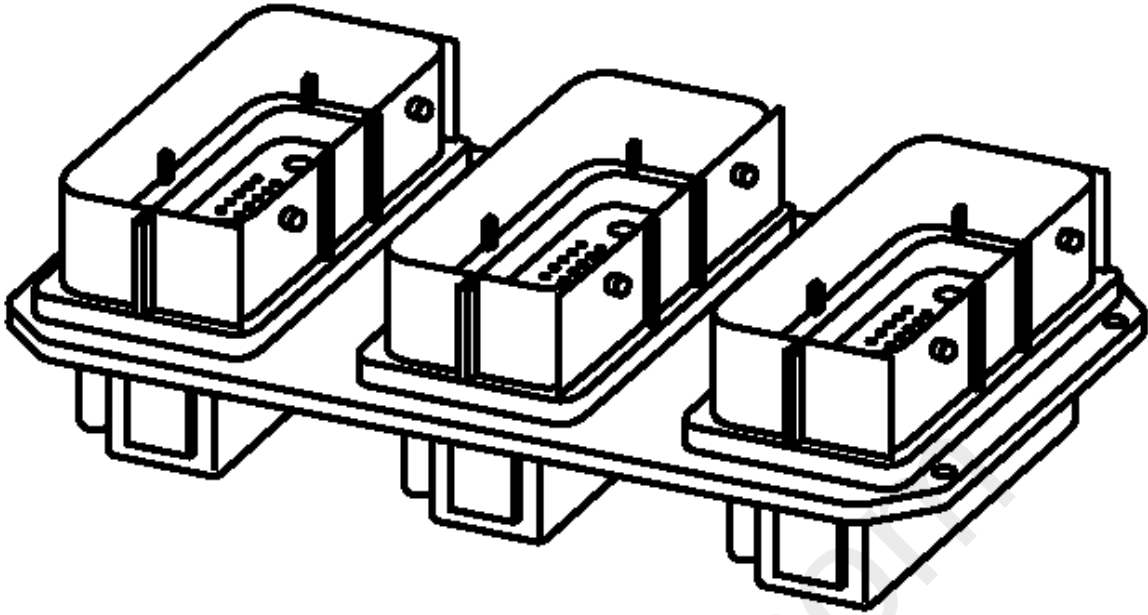
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Illustration	Tool Number/Description
 The diagram shows a cable with a multi-pin connector on the left and a circular loop on the right. The connector has three main sections with pins. The cable is thick and black. A watermark 'mcx30.com' is visible across the diagram.	CH-47976-509 AFIT SIDI E81 G4 Adapter Cable

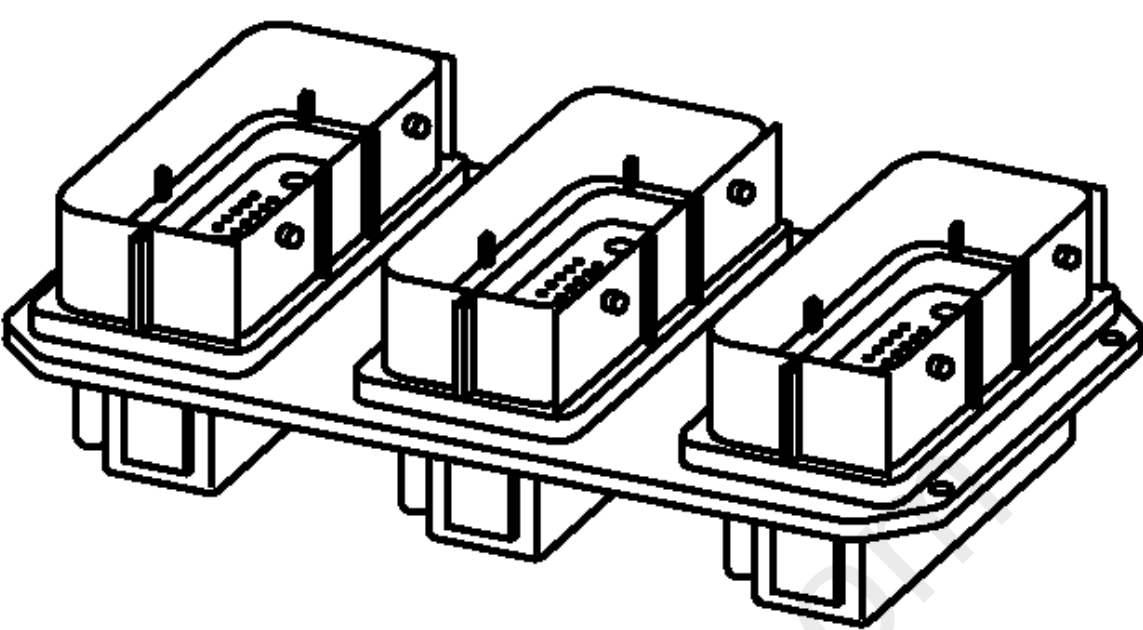
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Illustration	Tool Number/Description
 The diagram shows a cable with a multi-pin connector on the left and a circular loop on the right. The connector has three main sections with pins. The loop is formed by a thick black line. A watermark 'mcx30.com' is visible across the diagram.	CH-47976-511 AFIT SIDI E82 G5 Adapter Cable

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Illustration	Tool Number/Description
 The illustration shows three identical E80 G3B Stop/Start Adapters arranged in a row on a common base. Each adapter consists of a rectangular block with a central slot containing a series of pins. The base has three mounting points, each with a vertical post and a horizontal flange. A large, faint watermark 'mcx30.com' is visible across the bottom half of the image.	CH-47976-512 E80 G3B Stop/Start Adapter

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Illustration	Tool Number/Description
 The illustration shows three identical electronic modules, identified as CH-47976-513 E92 G2C Stop/Start and SENT Adapters, arranged in a row on a common base. Each module consists of a rectangular printed circuit board (PCB) with a series of pins along one edge. The PCBs are mounted on a larger, more complex base structure that features several mounting points and a central channel. The entire assembly is shown in a perspective view, highlighting the three-dimensional nature of the components.	CH-47976-513 E92 G2C Stop/Start and SENT Adapter

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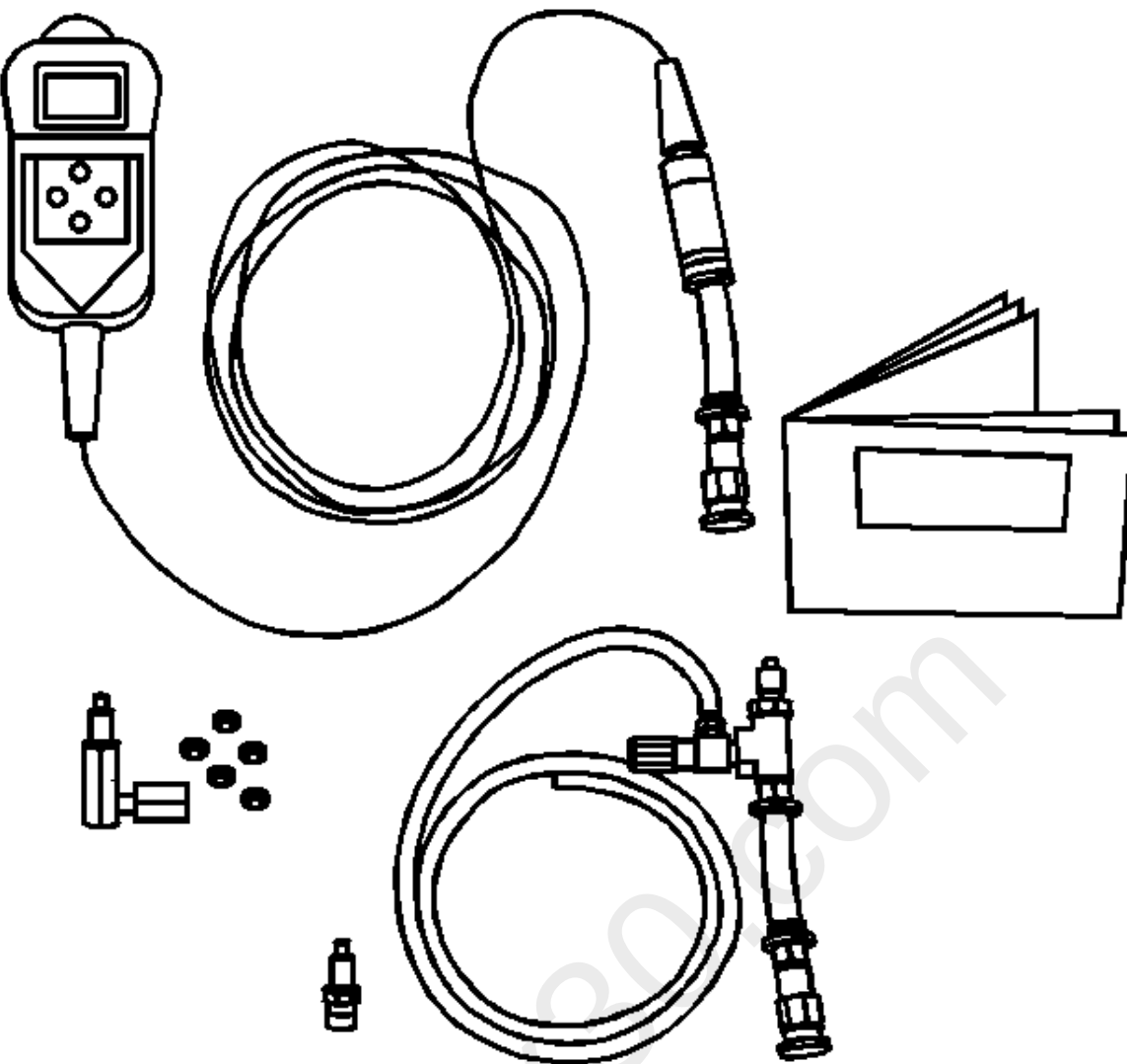
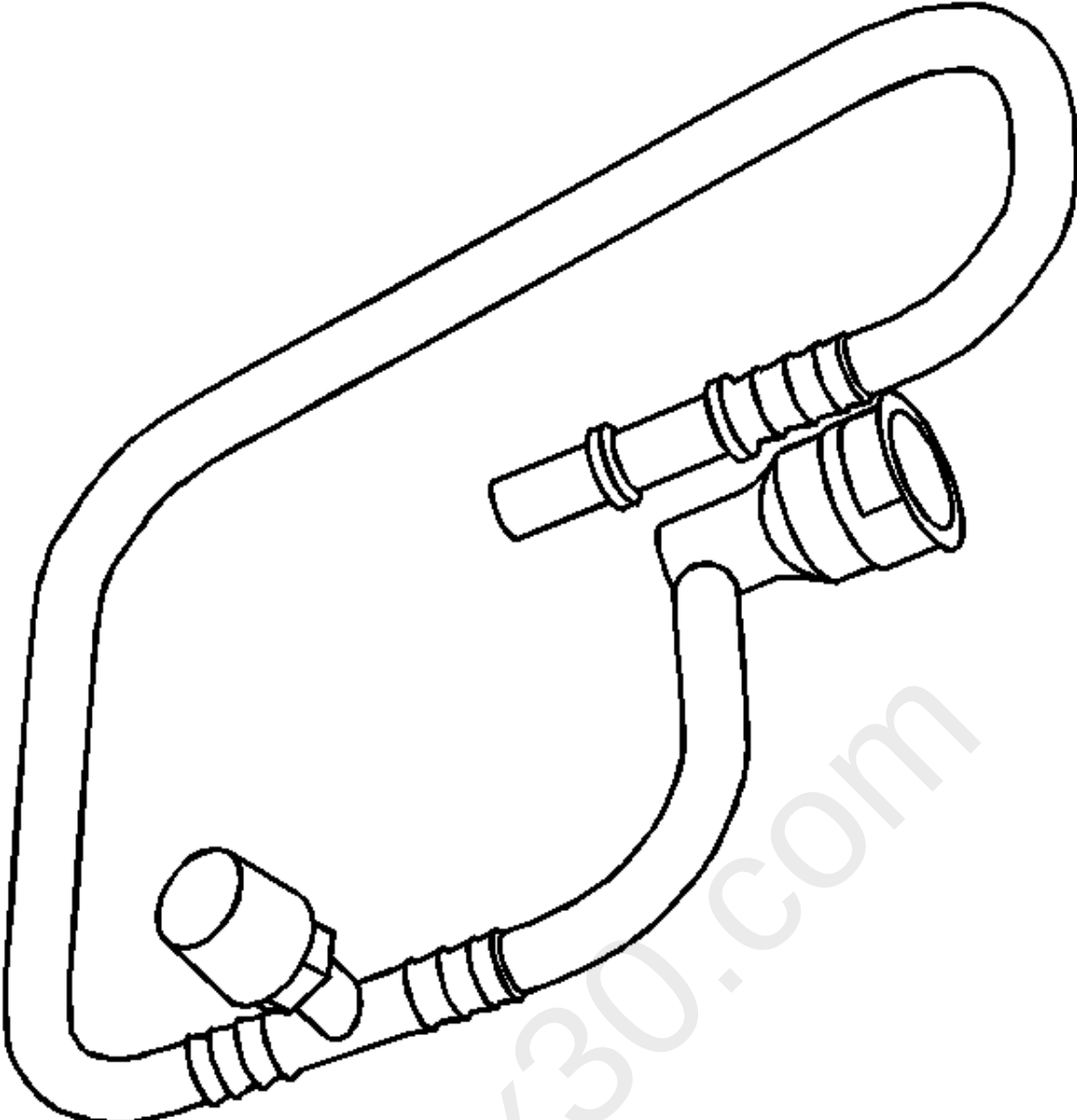
Illustration	Tool Number/Description
 The illustration shows the components of the CH-48027 Fuel Pressure Gauge. It includes a digital gauge with a coiled hose and a pressure fitting, a separate coiled hose with a pressure fitting, a set of four O-rings, a small connector, and a carrying case.	CH-48027 Fuel Pressure Gauge

Illustration	Tool Number/Description
 A line drawing of a U-shaped automotive service tool. The tool consists of a main U-shaped hose. One end of the hose has a large, cylindrical port with a flared opening. The other end of the hose has a smaller, cylindrical port with a flared opening. There are several small, circular connectors or fittings along the length of the hose. A watermark 'mcx30.com' is visible diagonally across the drawing.	CH-48096 EVAP Service Access Port Tool

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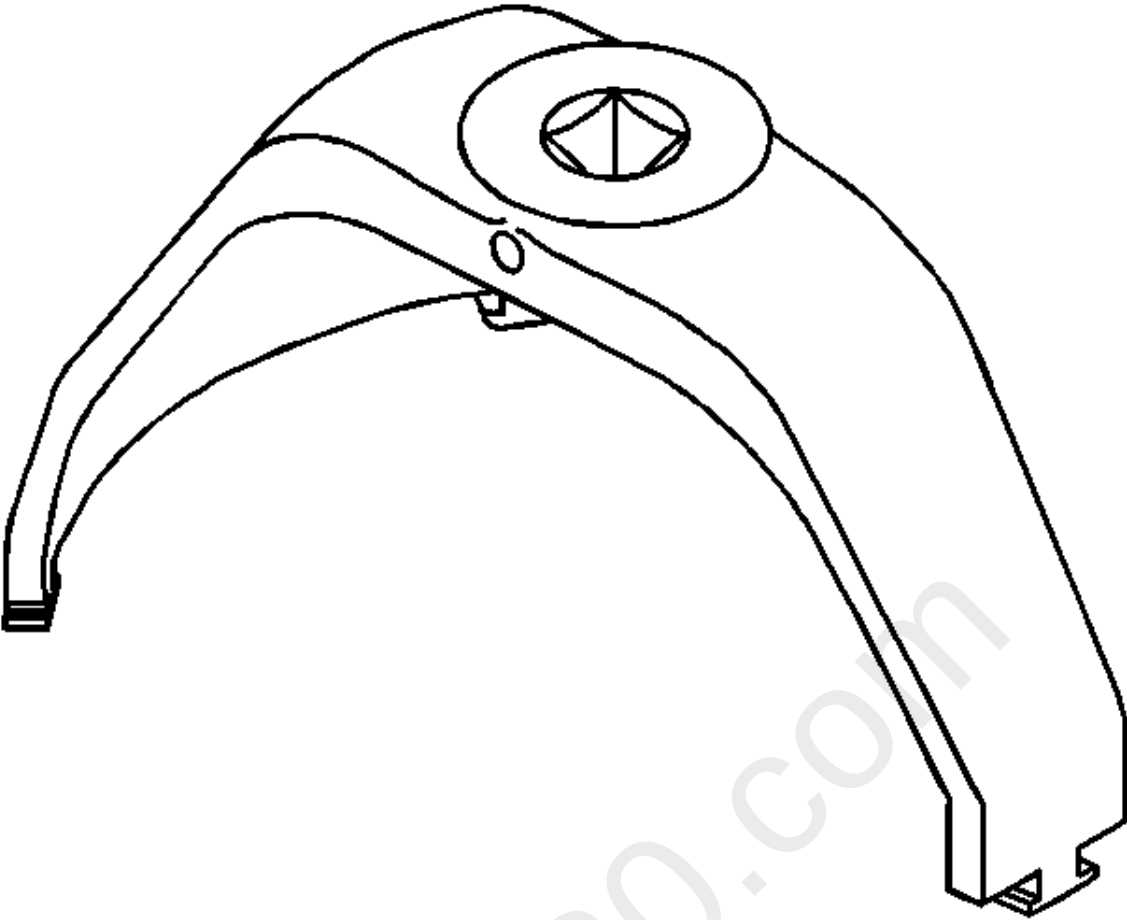
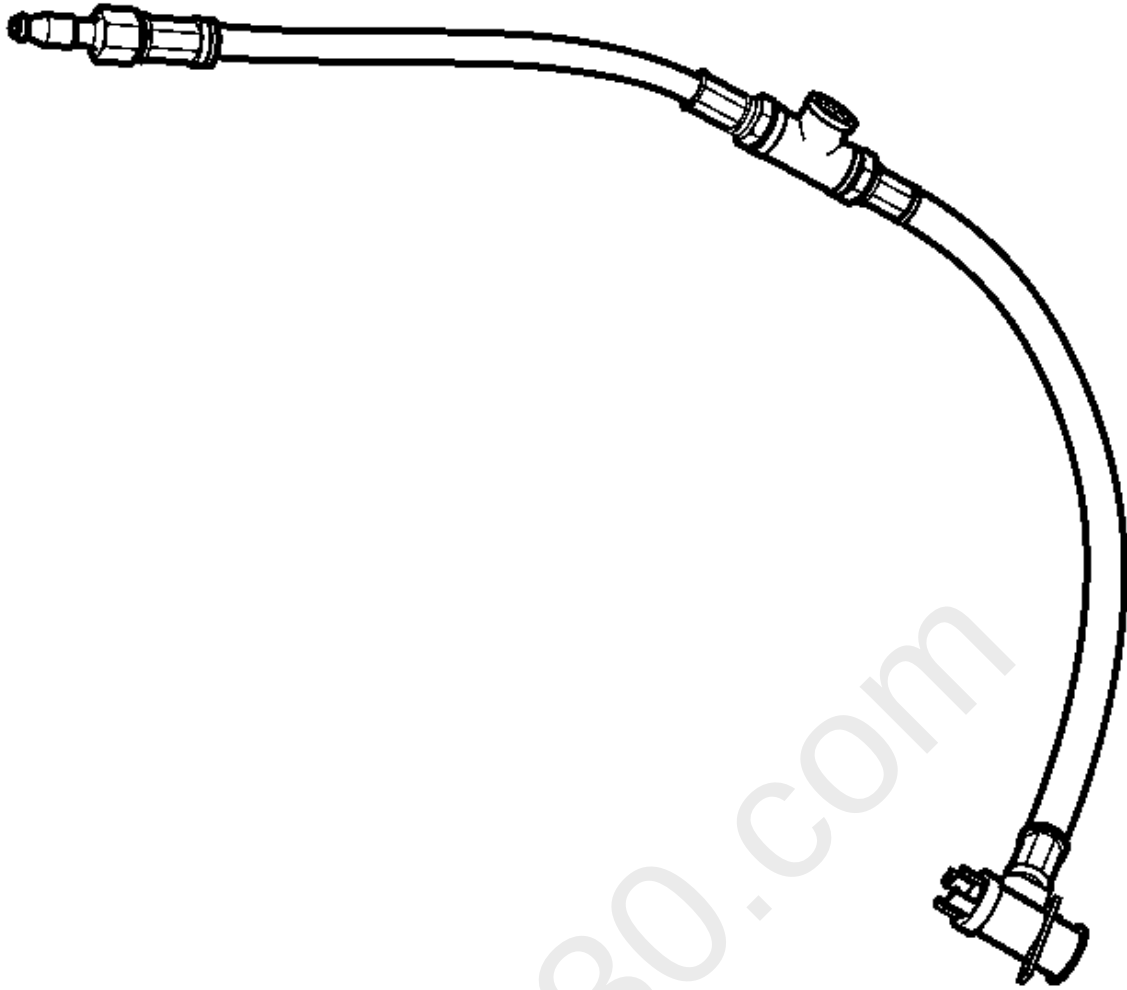
Illustration	Tool Number/Description
 A line drawing of a fuel sender lock ring wrench. The tool is curved, resembling a horseshoe. At the top center, there is a circular opening with a cross-shaped internal structure. A small pin or screw is visible near the top center. The right end of the tool has a notched, L-shaped profile. A watermark 'mcx30.com' is visible diagonally across the image.	CH-48482 Fuel Sender Lock Ring Wrench

Illustration	Tool Number/Description
	CH-50375 Diesel Injector Return Line Pressure Adapter

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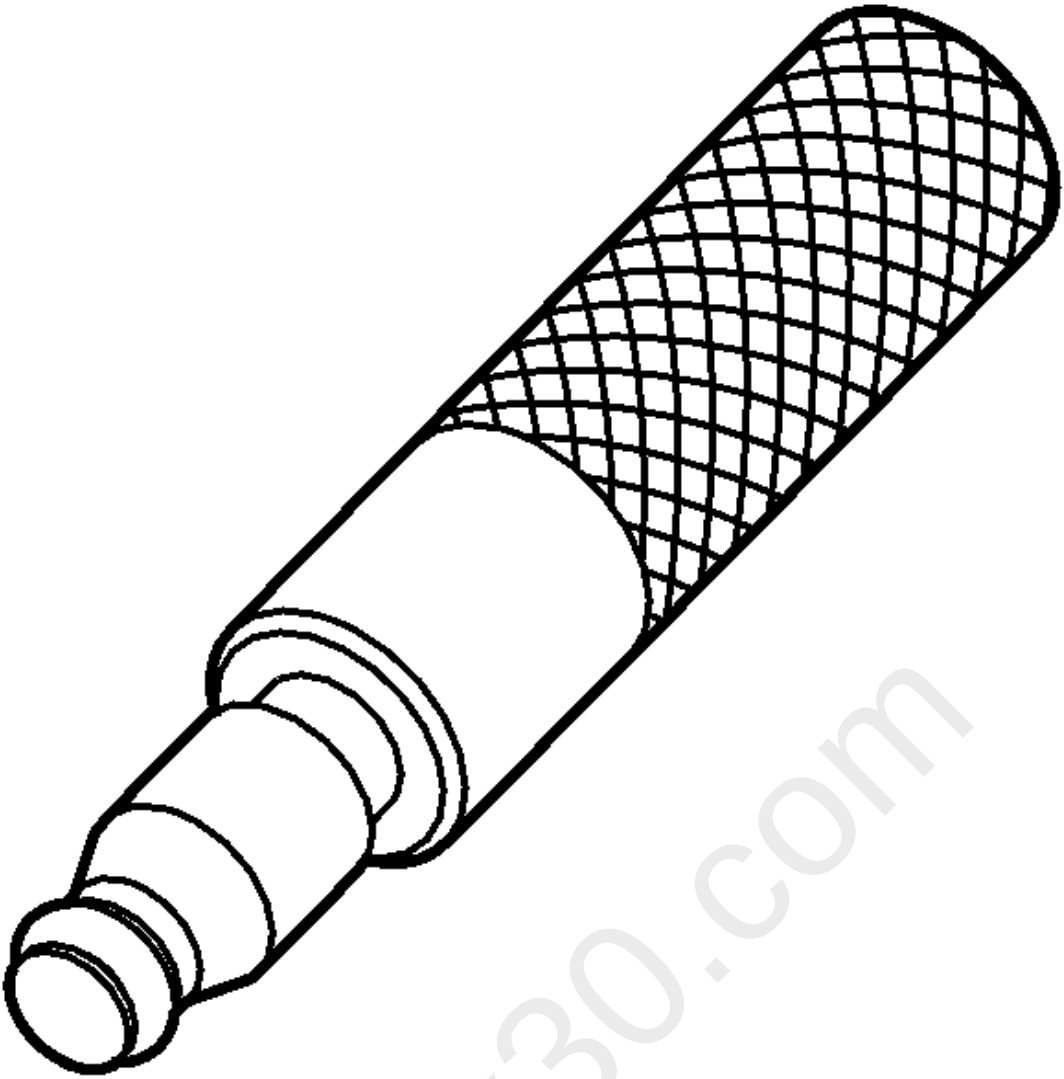
Illustration	Tool Number/Description
 A technical line drawing of a cylindrical tool, likely a cap or plug. The tool features a long, tapered body with a knurled (cross-hatched) grip section at the rear. The front section is cylindrical and has a threaded end with a hexagonal base. A watermark 'mcx30.com' is visible diagonally across the illustration.	CH-50377-A Injector Return Line Cap

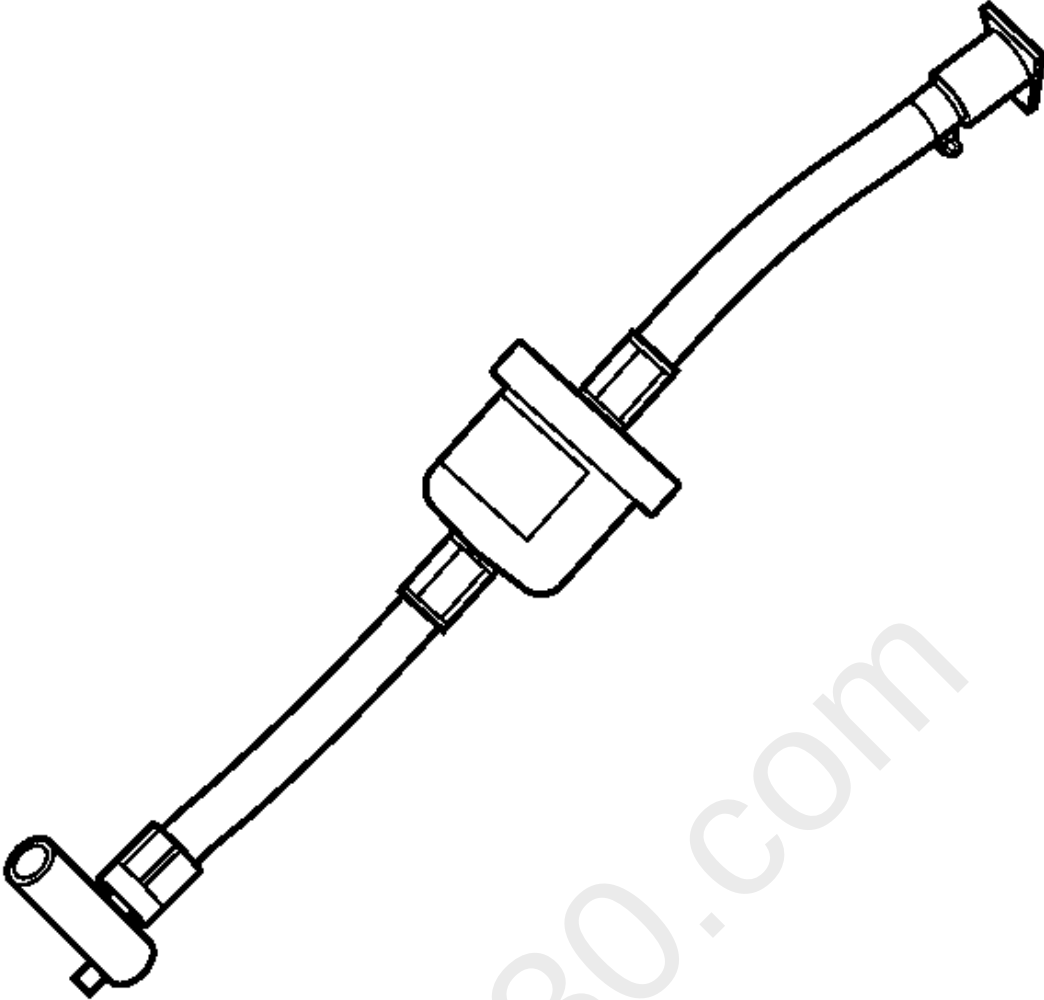
Illustration	Tool Number/Description
	CH-50378 Injector Return Leakage Test Adapter

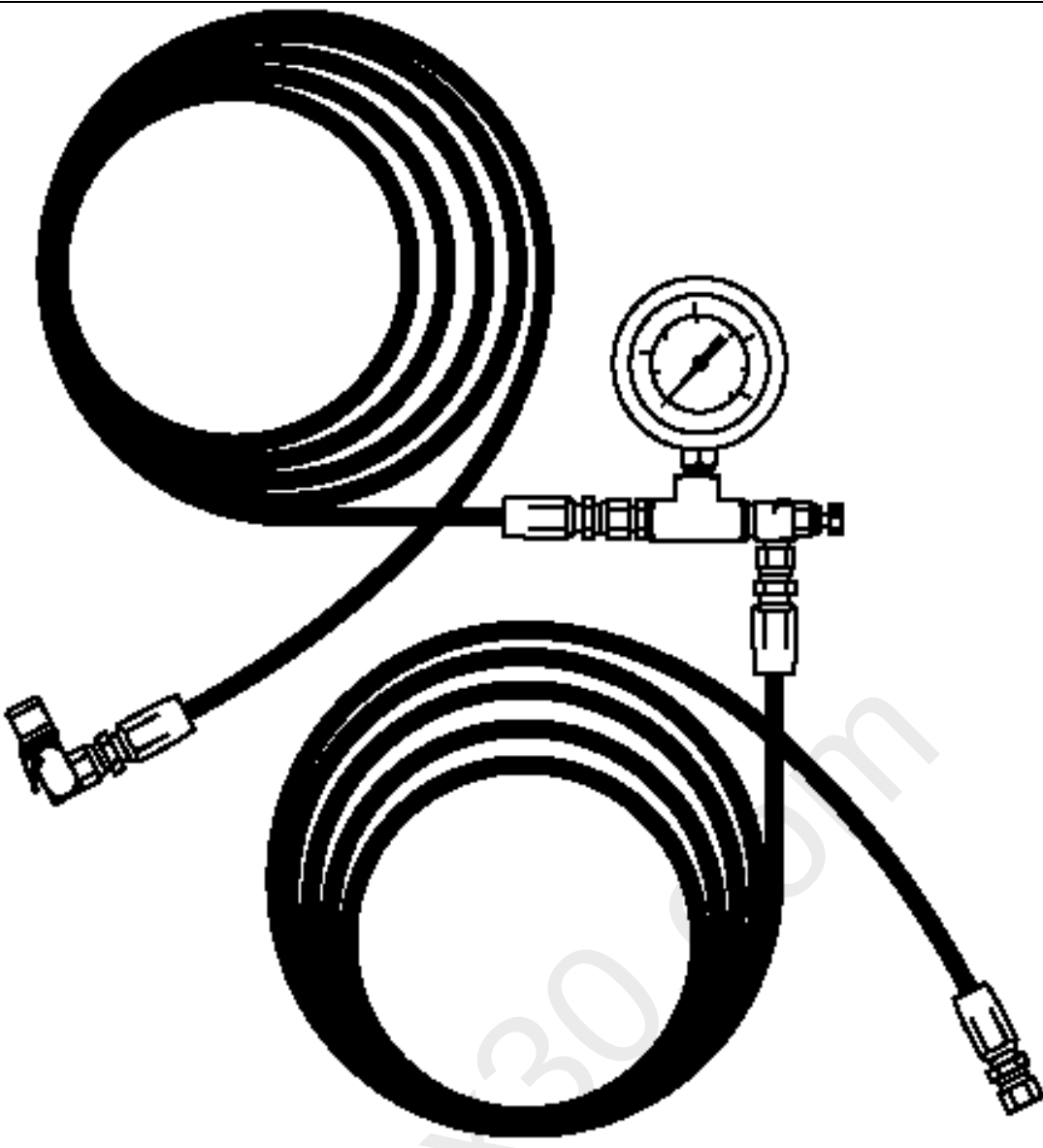
Illustration	Tool Number/Description
	CH-50933 Gauge Assembly, Liquid Propane Gas (LPG)
	EL-26792 J-26792 HEI Spark Tester

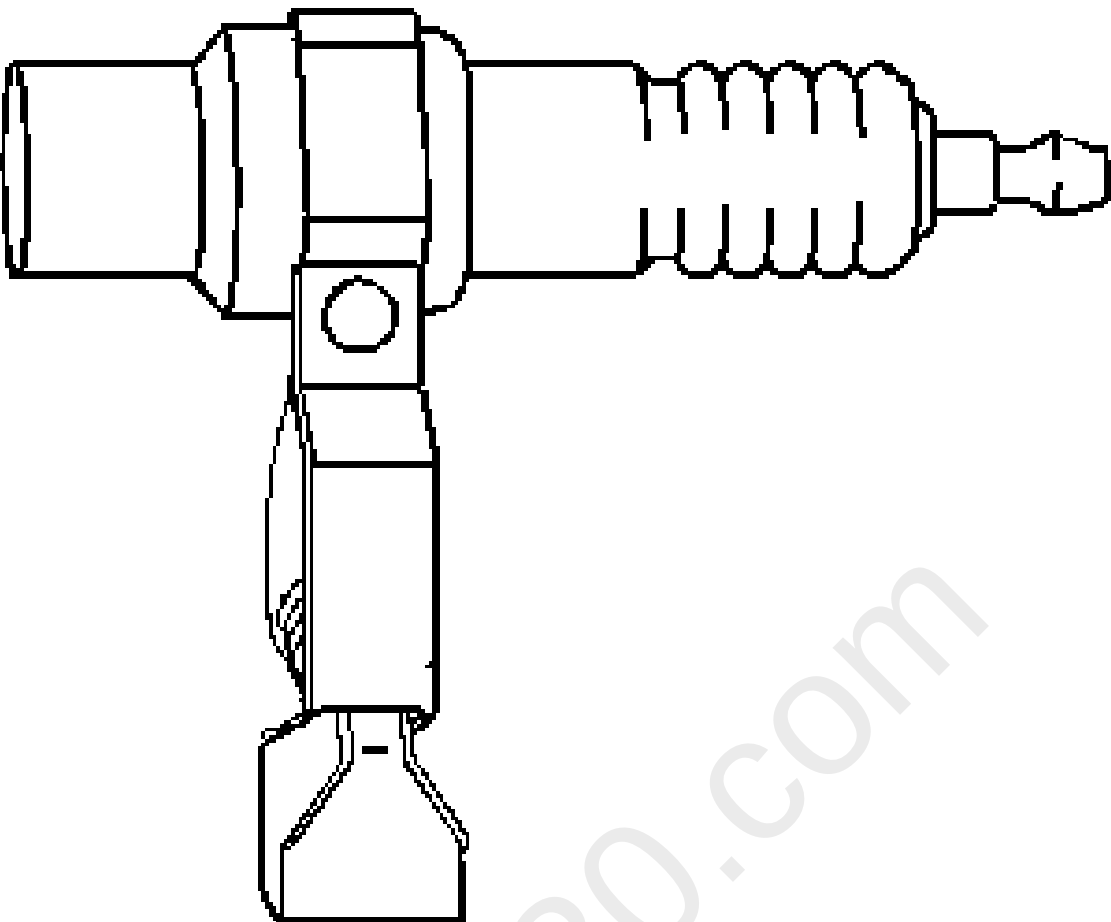
Illustration	Tool Number/Description
	
	EL-34730-405 J-34730-405 Injector Test Lamp

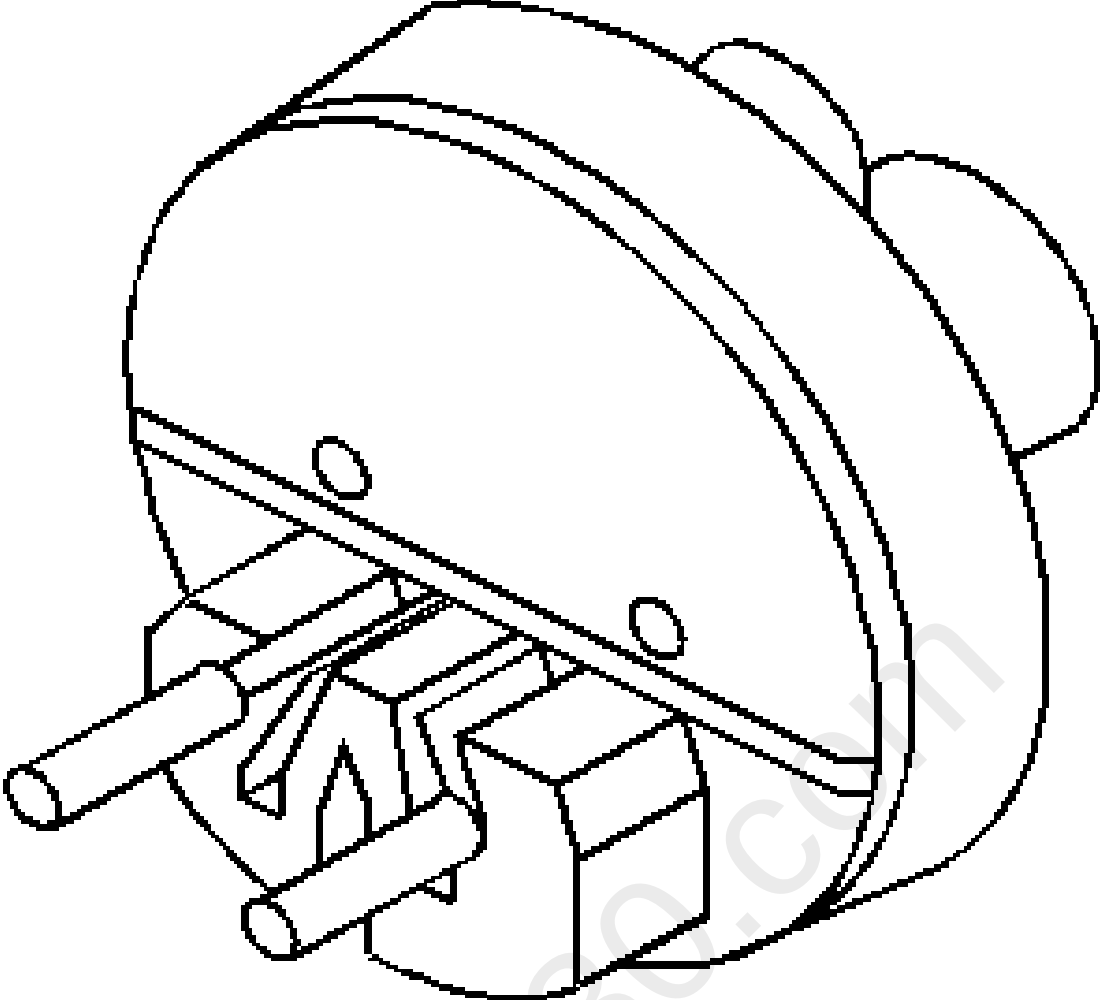
Illustration	Tool Number/Description
	

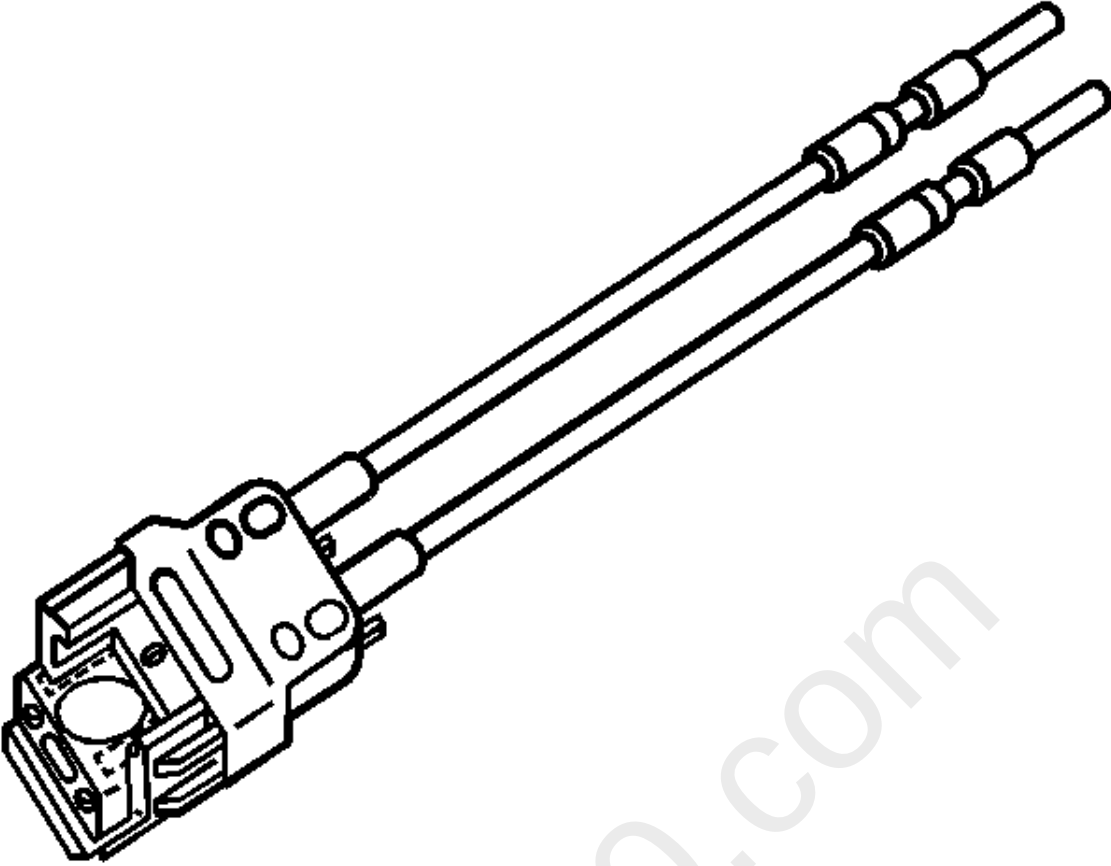
Illustration	Tool Number/Description
	EL-36169-HD Heavy Duty Fused Jumper
	EL-38522-A J-38522-A Variable Signal Generator

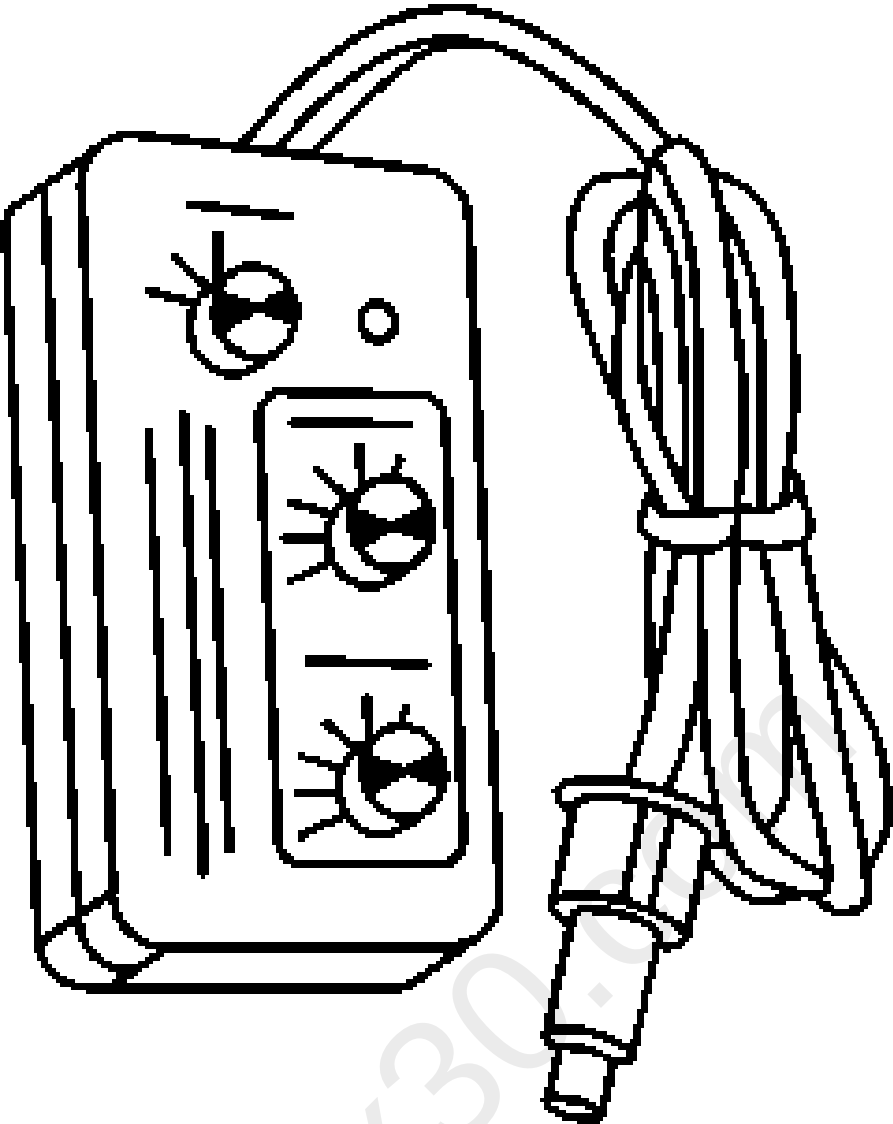
Illustration	Tool Number/Description
	

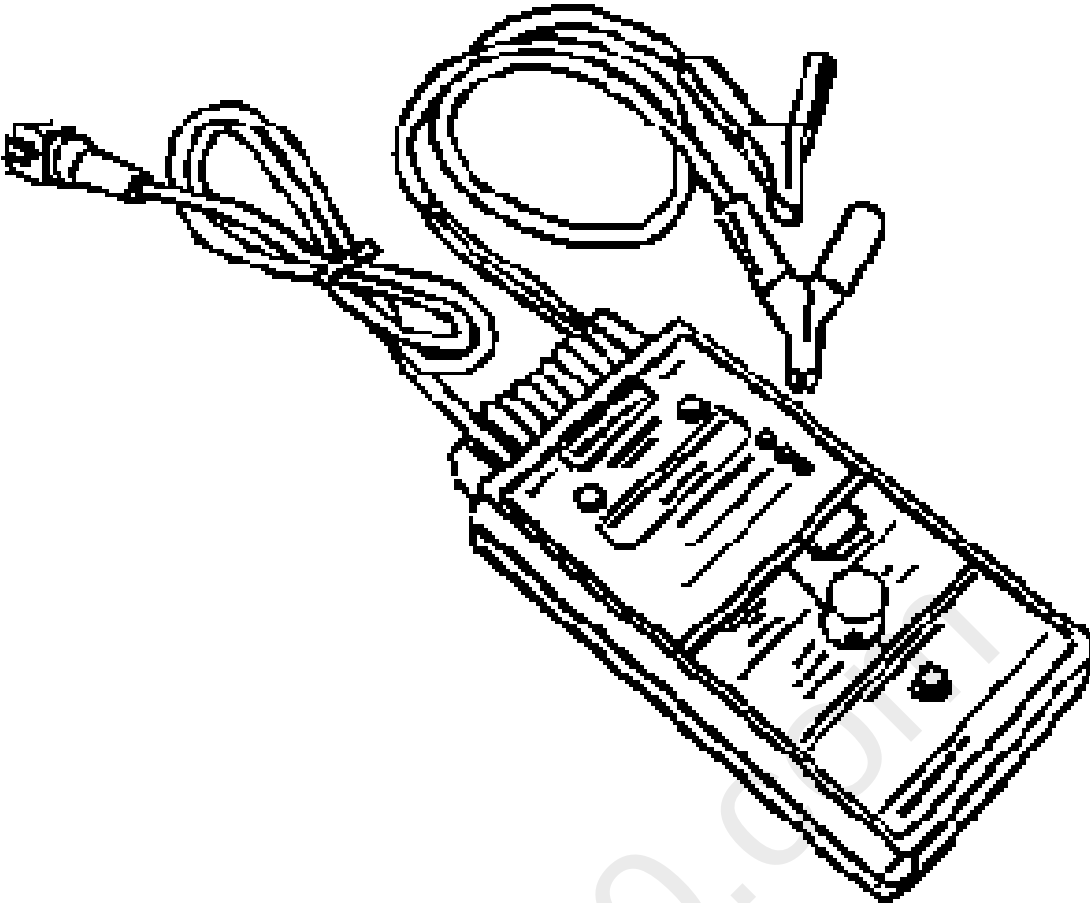
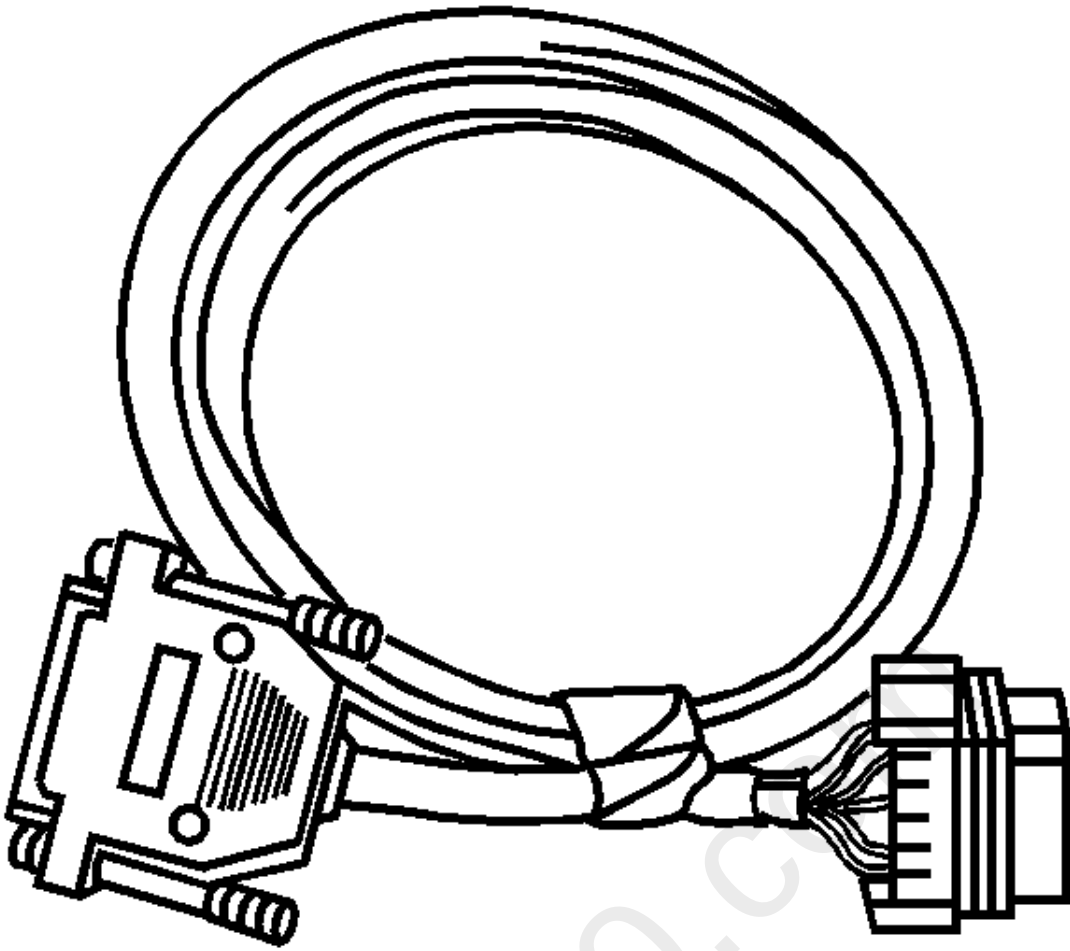
Illustration	Tool Number/Description
	EL-39021 J-39021 Fuel Injector Coil Balance Tester

Illustration	Tool Number/Description
	EL-39021-460 J-39021-460 Fuel Injector Test Adapter

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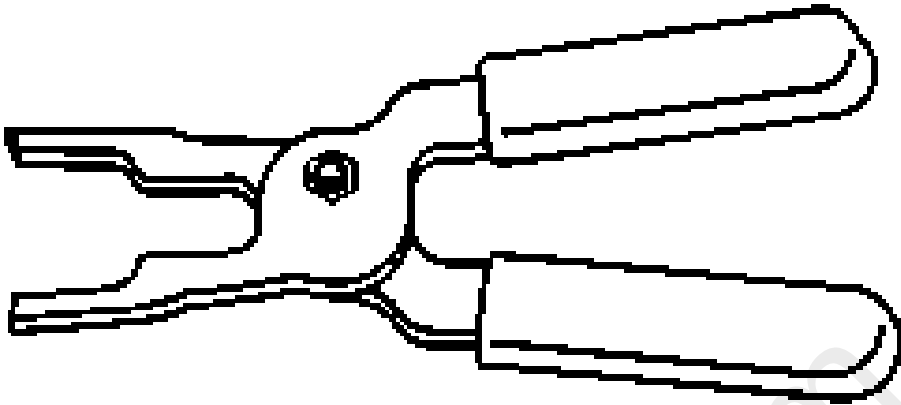
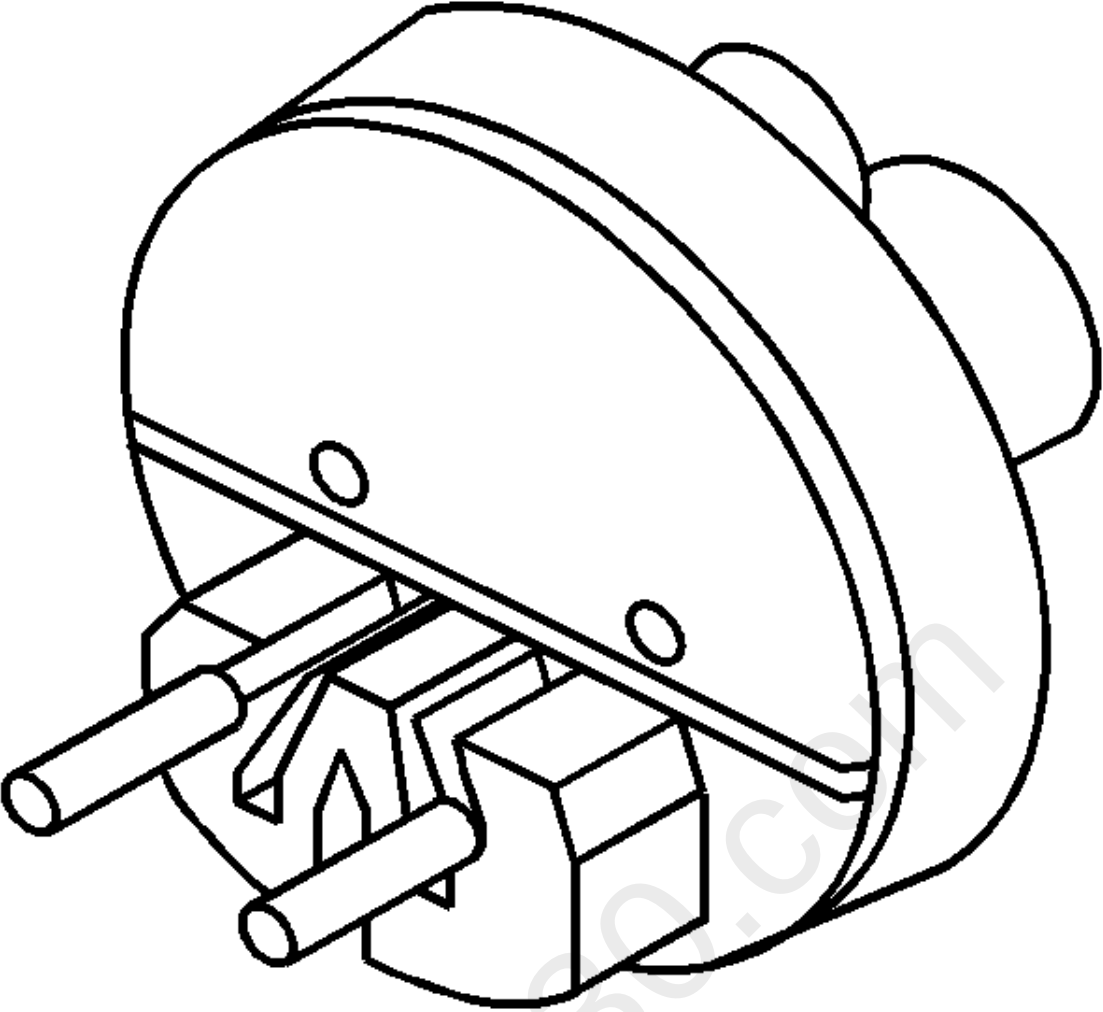
Illustration	Tool Number/Description
	EL-43244 J-43244 Relay Puller Pliers

Illustration	Tool Number/Description
	EL-44603 J-44603 Injector Test Lamp

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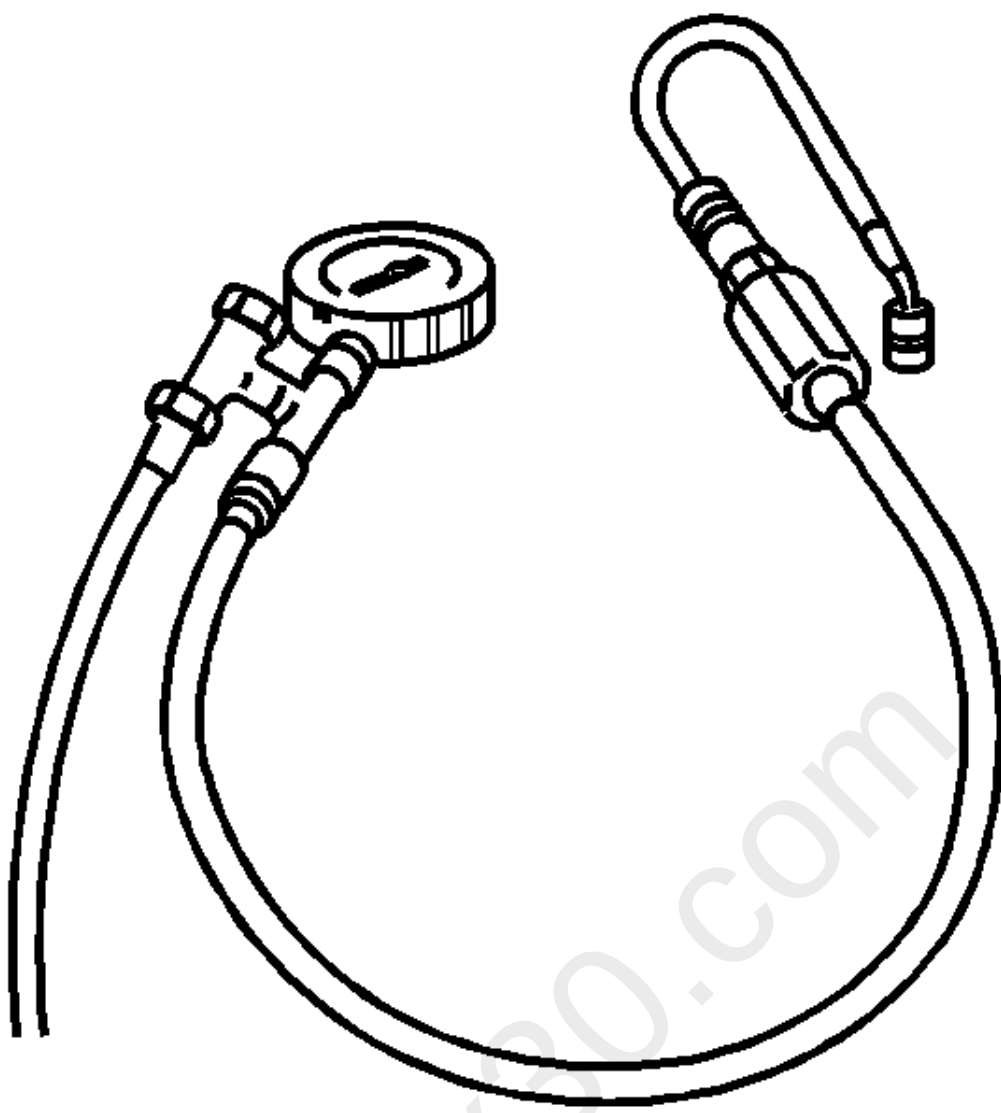
Illustration	Tool Number/Description
	EN-34730-91 J-34730-91 KM-J-34730-91 Pressure Tester
	EN-36012-A J-36012-A Ignition System Diagnosis Harness

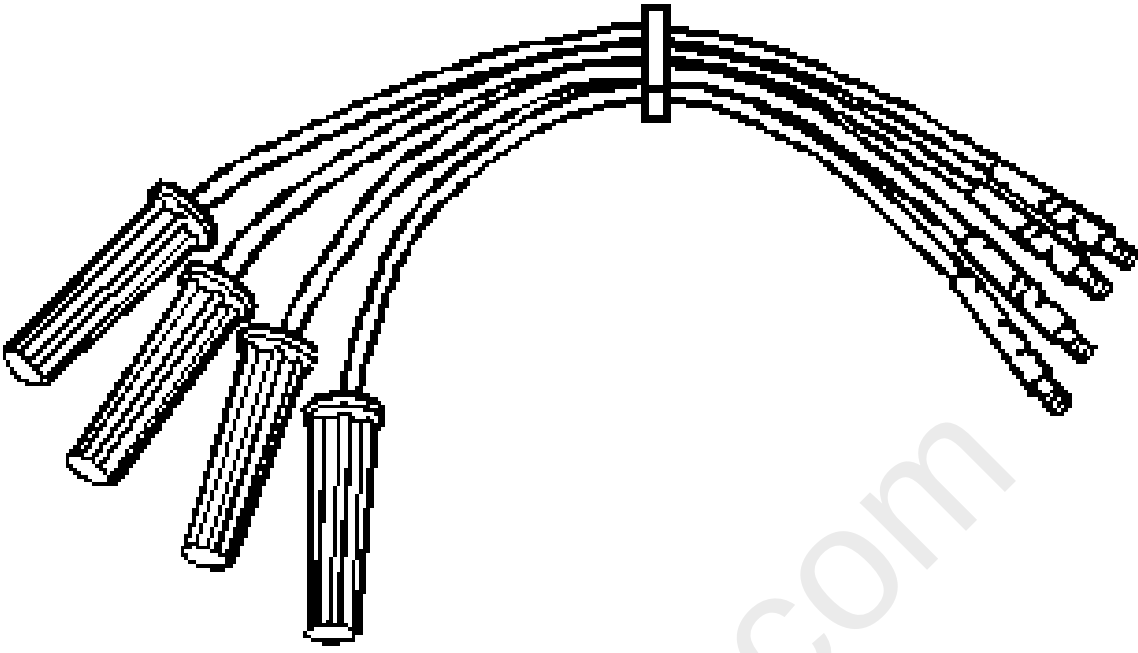
Illustration	Tool Number/Description
	
	EN-37287 J-37287 Fuel Line Shut-off Adapters

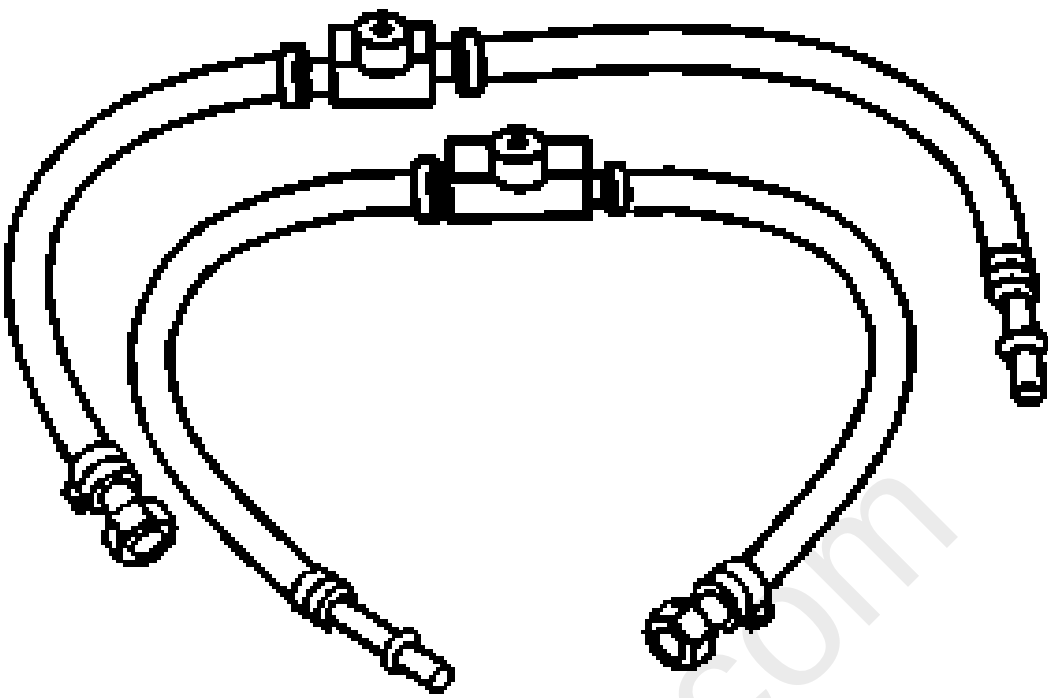
Illustration	Tool Number/Description
	

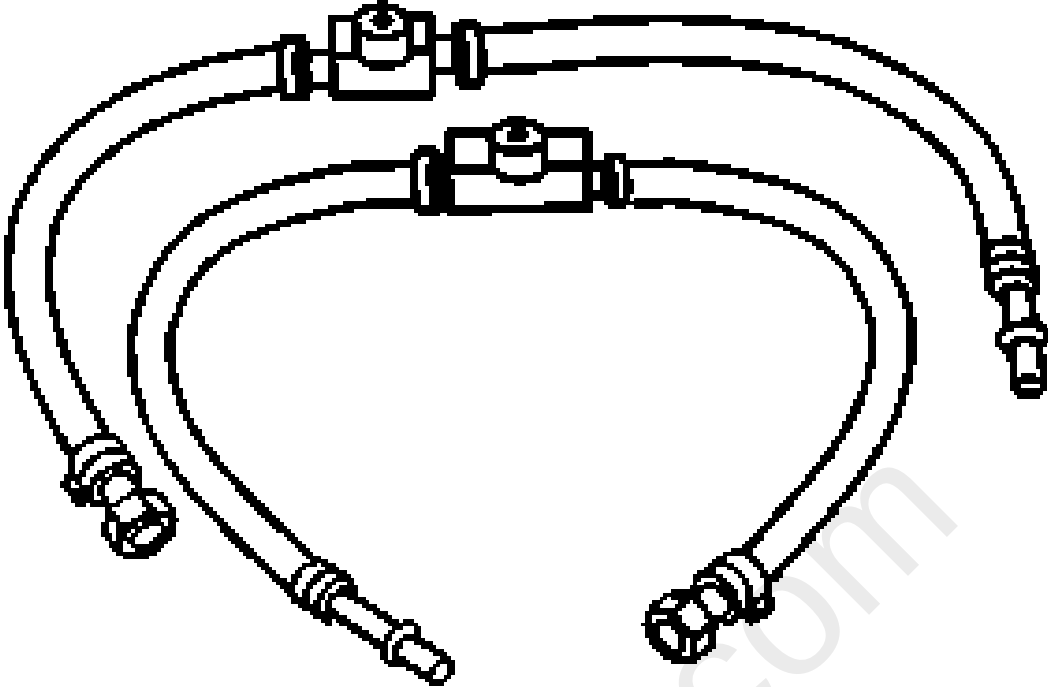
Illustration	Tool Number/Description
 The illustration shows two identical fuel line shut-off adapters. Each adapter is composed of a flexible hose. One end of the hose features a shut-off valve with a handle. The other end of the hose is equipped with a quick-disconnect coupling, which includes a pin and a sleeve for secure attachment to a fuel line. The adapters are shown in a coiled configuration.	EN-37287-FF Fuel Line Shut-off Adapters

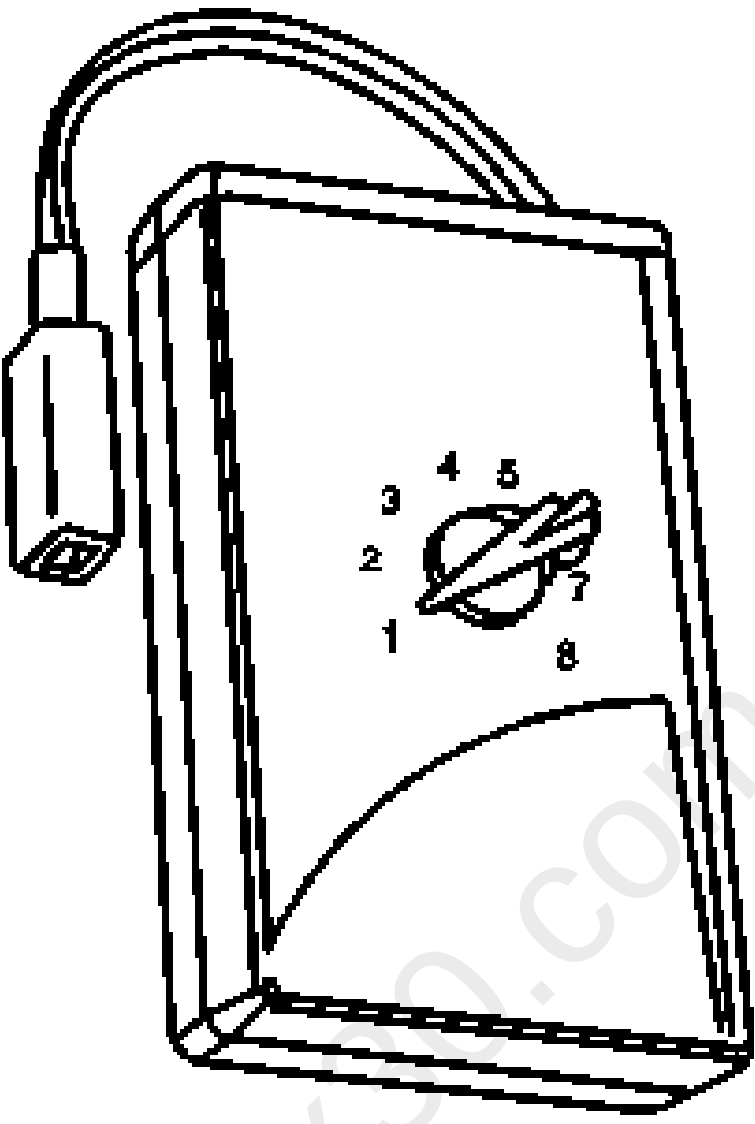
Illustration	Tool Number/Description
	EN-39021-210 J-39021-210 Injector Tester Adapter Box

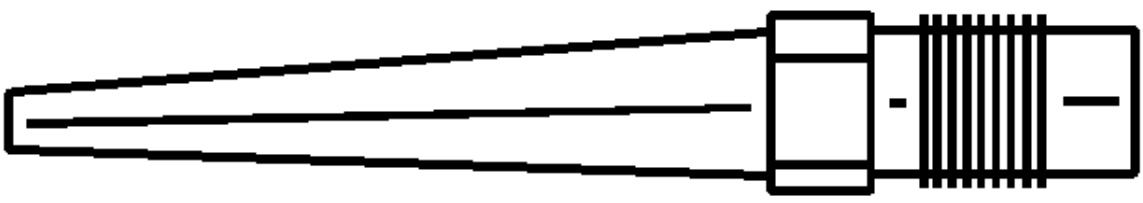
Illustration	Tool Number/Description
 The illustration shows a tapered tool, likely a plug or pin. It has a long, narrow, tapered body that widens towards the right. The right end features a hexagonal base. On the left side of the hexagonal base, there is a section with vertical lines, indicating a threaded or knurled surface. A small horizontal line is visible on the right side of the hexagonal base.	EN-41413-311 J-41413-311 EVAP Plug

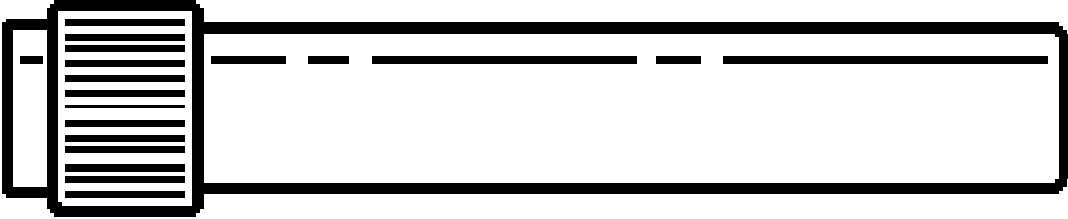
Illustration	Tool Number/Description
	EN-41413-VLV J-41413-VLV EVAP Service Port Vent Fitting
	EN-44602 J-44602 Injector Test Adapter

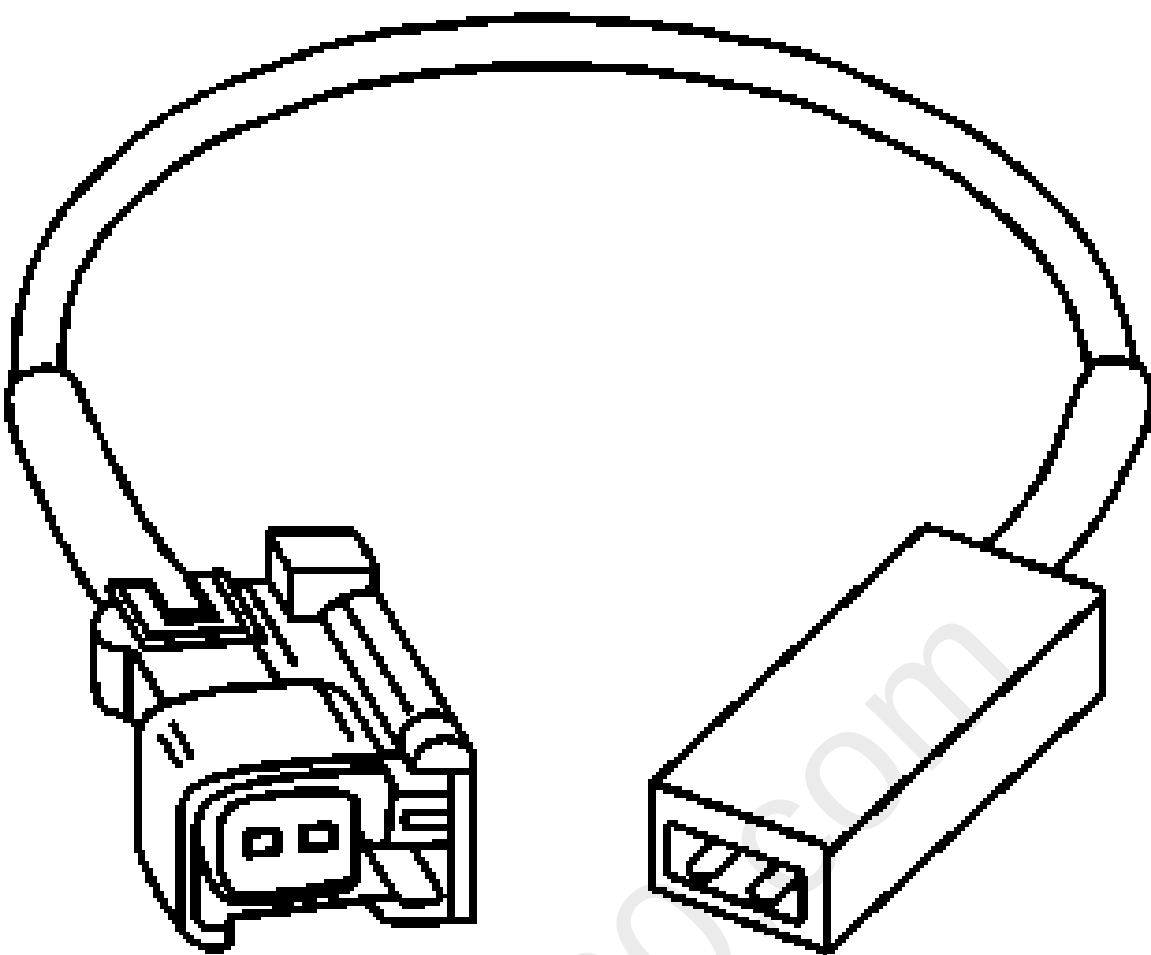
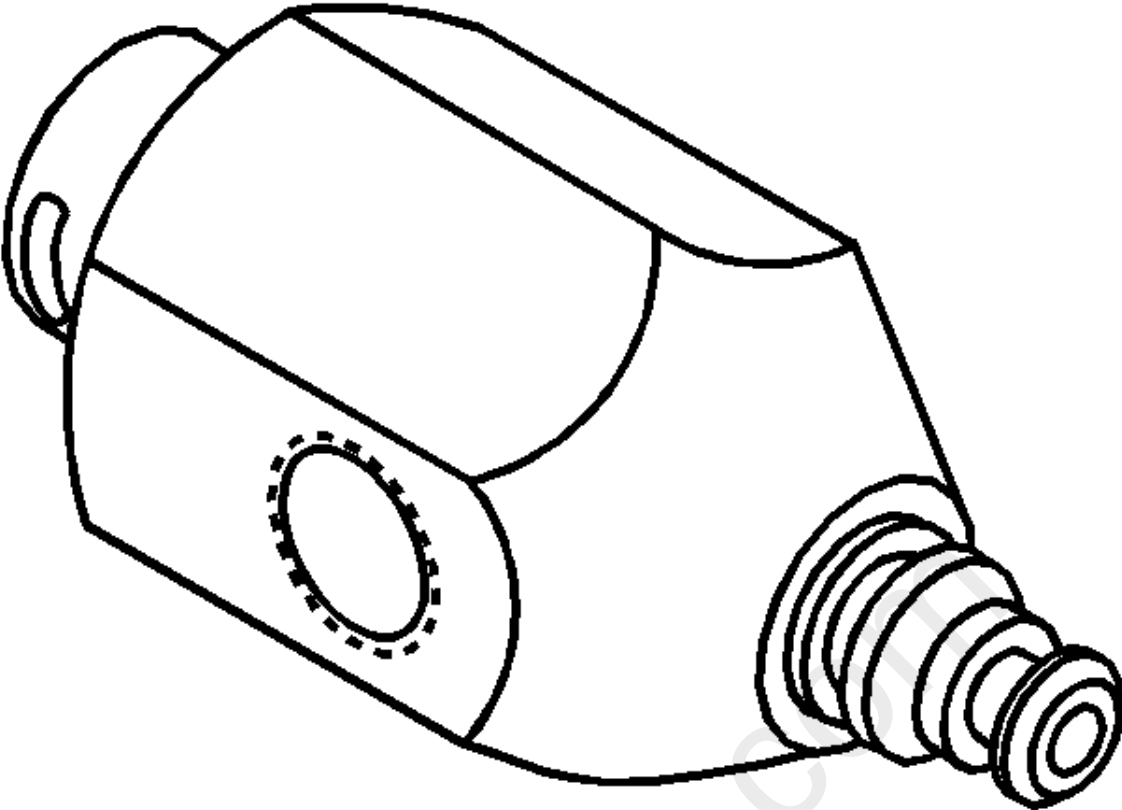
Illustration	Tool Number/Description
 A line drawing of a cable. On the left, there is a multi-pin connector with a rectangular housing and several pins protruding. On the right, there is a rectangular module with a slot on its front face. A cable connects the two components, forming a loop at the top.	

Illustration	Tool Number/Description
	EN-45873-30 J-45873-30 Injector Flow Test Adapter

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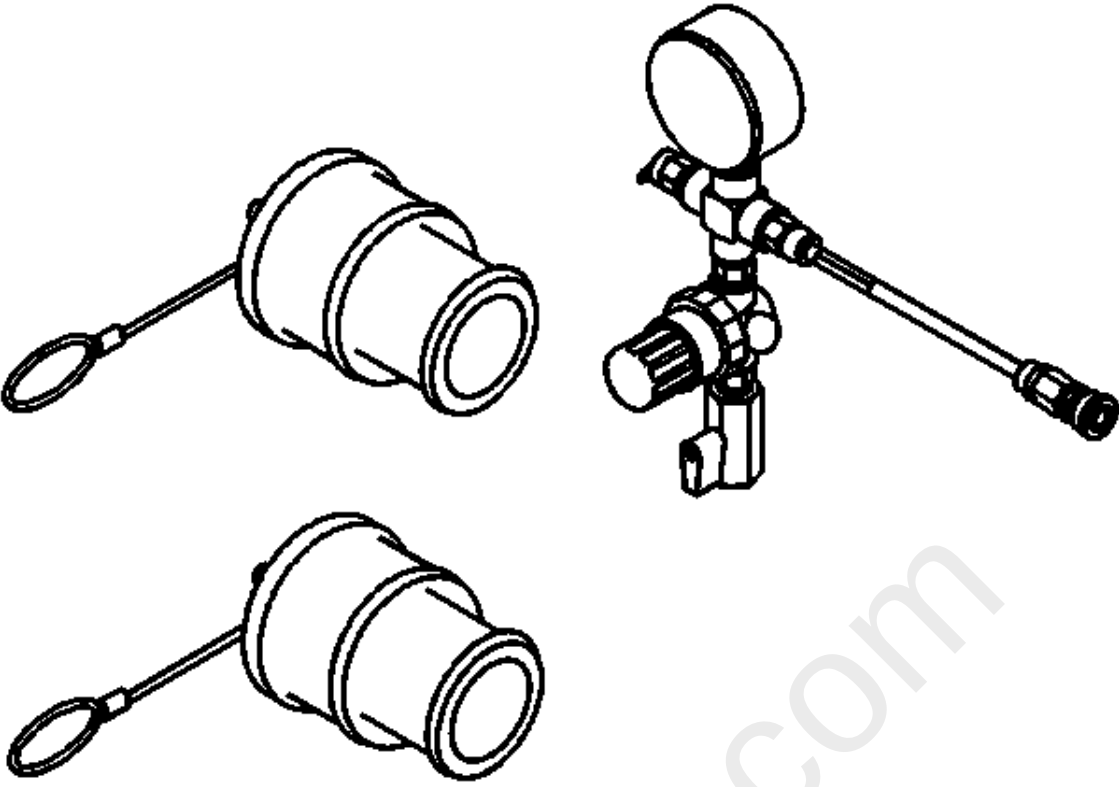
Illustration	Tool Number/Description
 A line drawing of three automotive tools. On the left are two identical cylindrical air filter wrenches, each with a ring handle. In the center is a manifold gauge, which includes a circular pressure gauge at the top, a central valve with a knurled knob, and a long hose with a connector at the bottom right. A large, light gray watermark 'mcx30.com' is oriented diagonally across the entire illustration area.	EN-46091 J-46091 Charge Air Cooler Tester

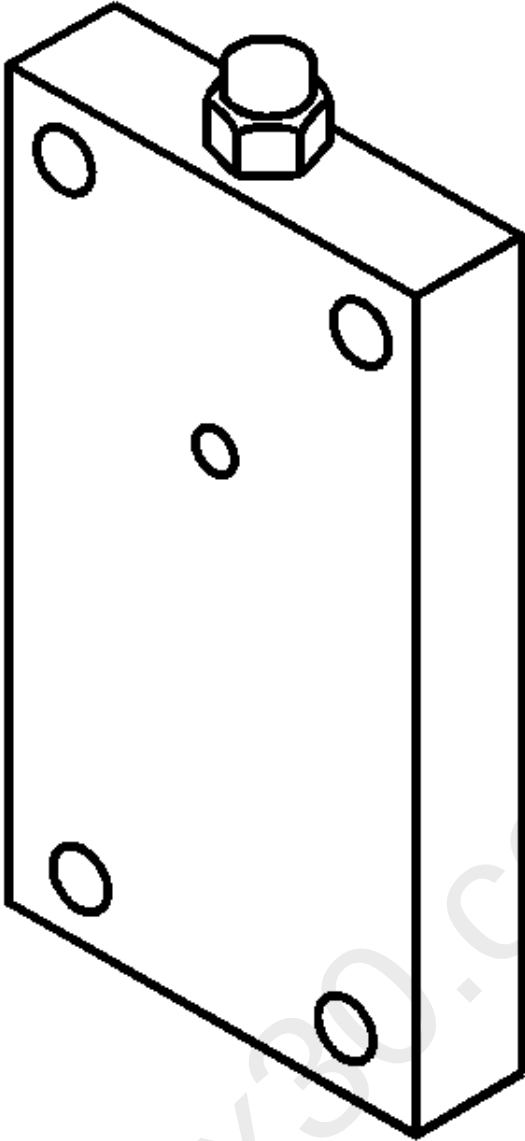
Illustration	Tool Number/Description
 A 3D line drawing of a rectangular metal plate. On the top surface, there is a hex nut. The front face of the plate has six circular holes: two in the top corners, one in the center, and three along the bottom edge. A large, light gray watermark 'mcx30.com' is oriented diagonally across the entire page.	EN-46091-5 J-46091-5 Charge Air Cooler Tester Adapter

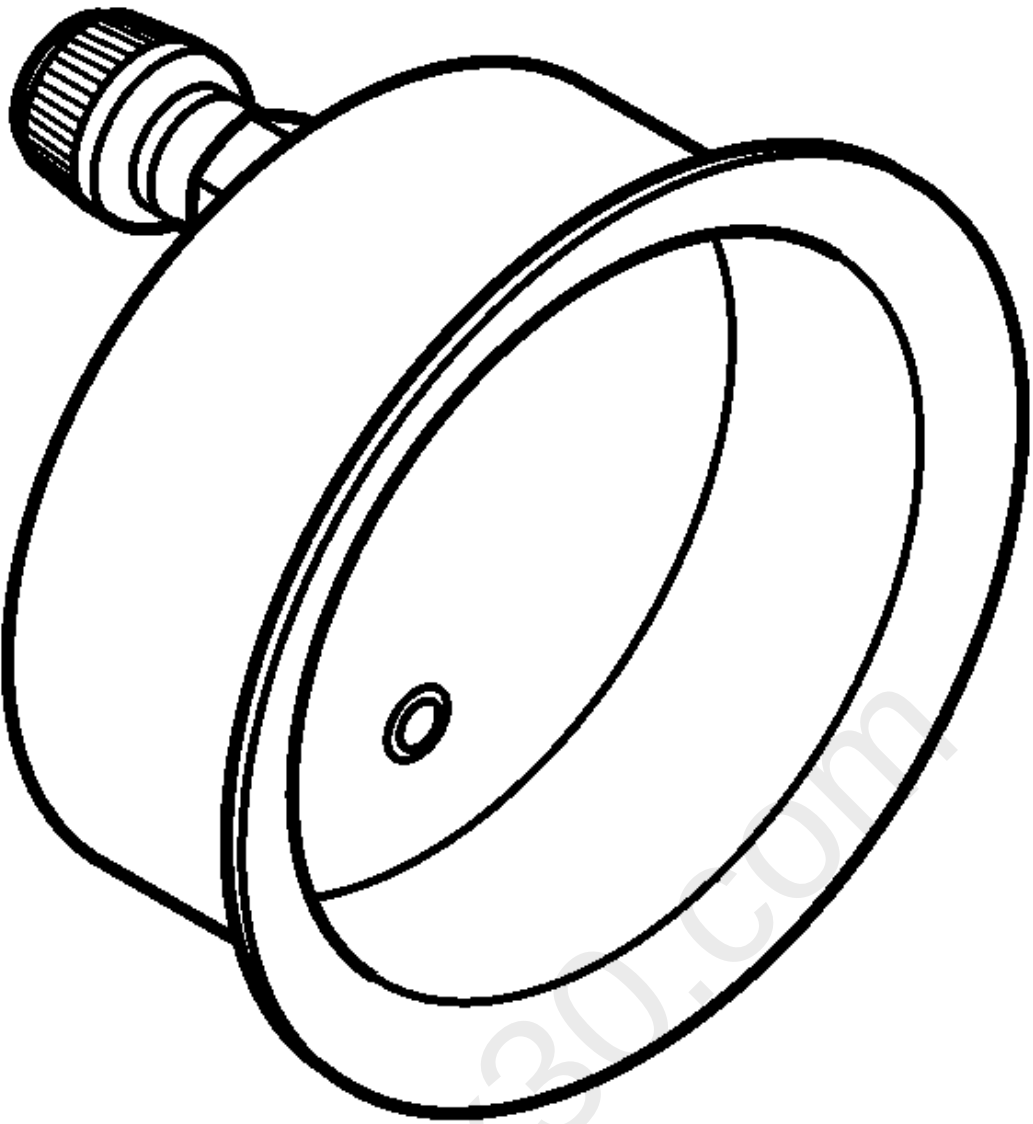
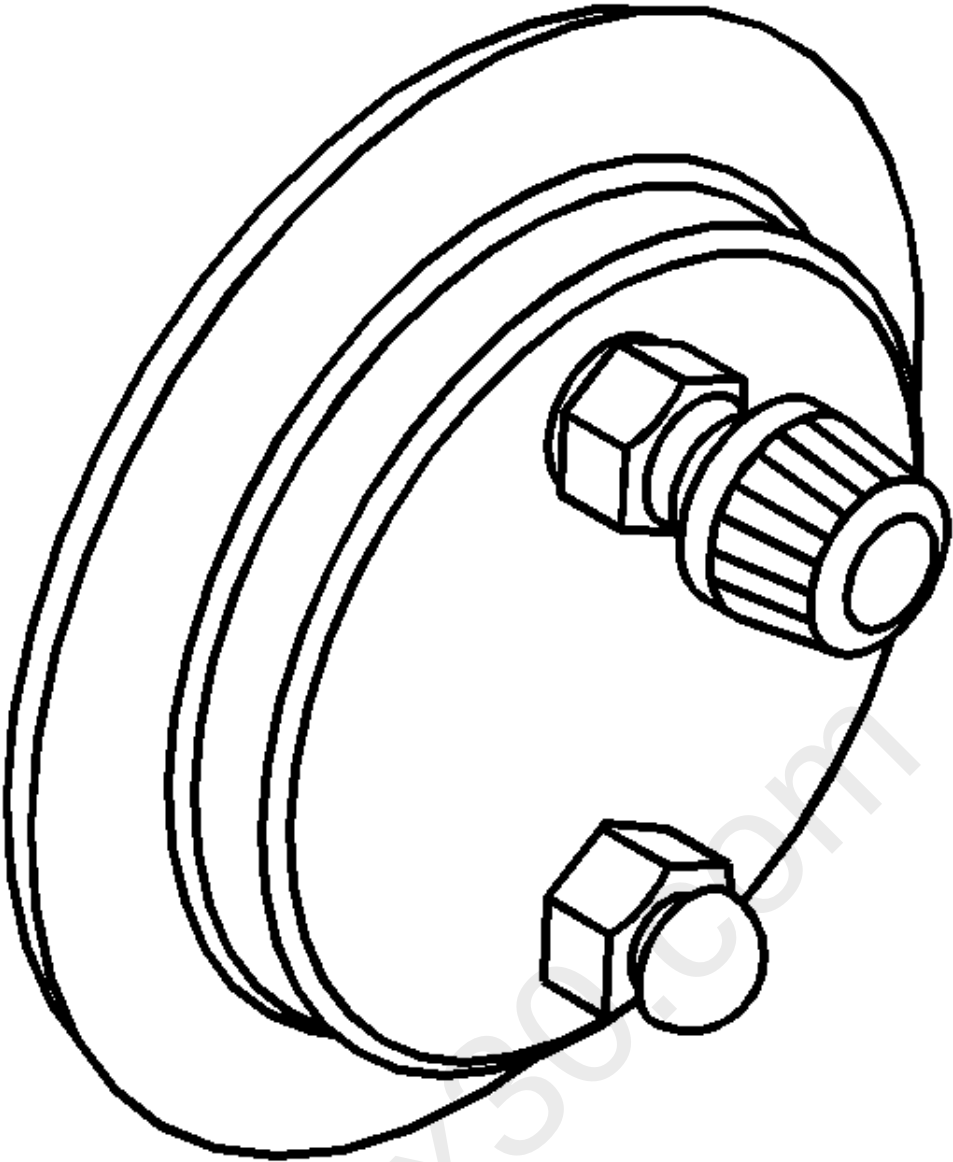
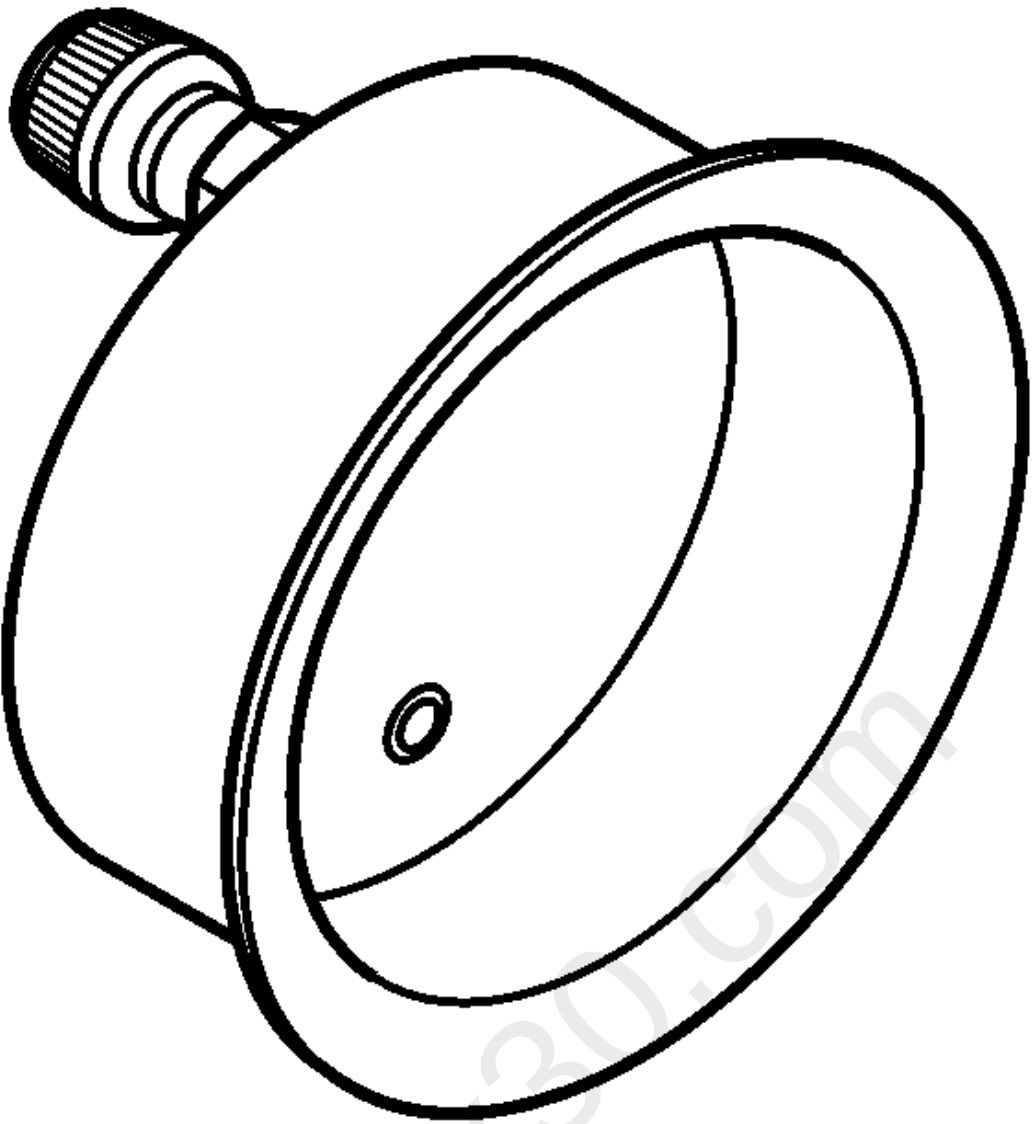
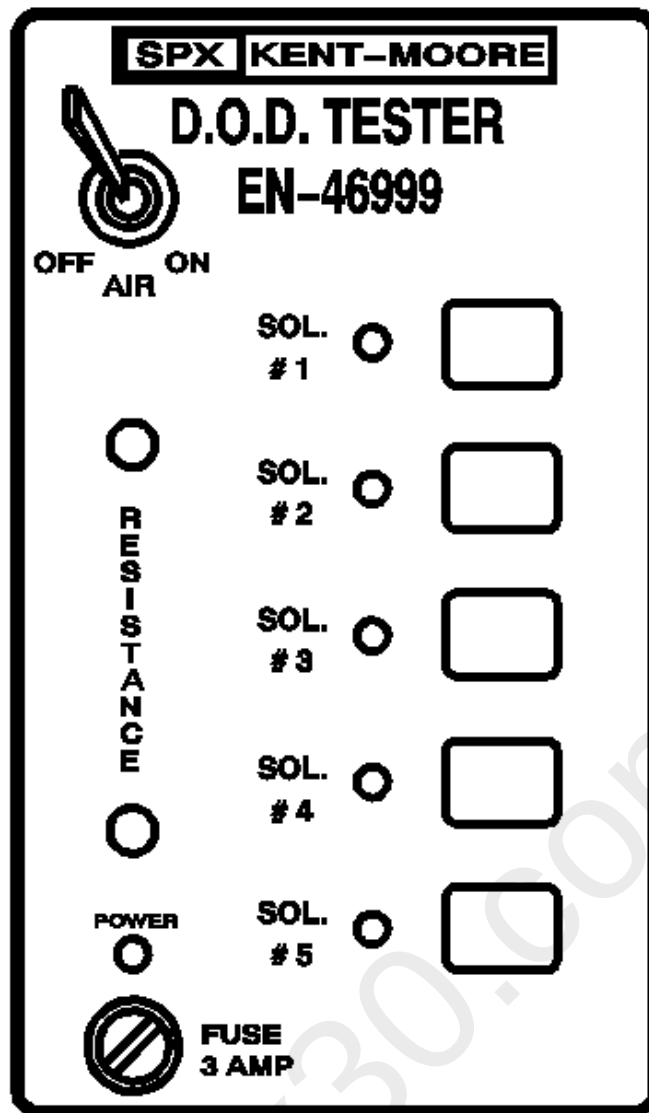
Illustration	Tool Number/Description
	EN-46091-10A Diesel Engine Pressure Test Adapter

Illustration	Tool Number/Description
	EN-46091-15 J-46091-15 Engine Pressure Test Adapter

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Illustration	Tool Number/Description
	EN-46091-15A J-46091-15A Diesel Engine Pressure Test Adapter



EN-46999
Displacement On
Demand Tester

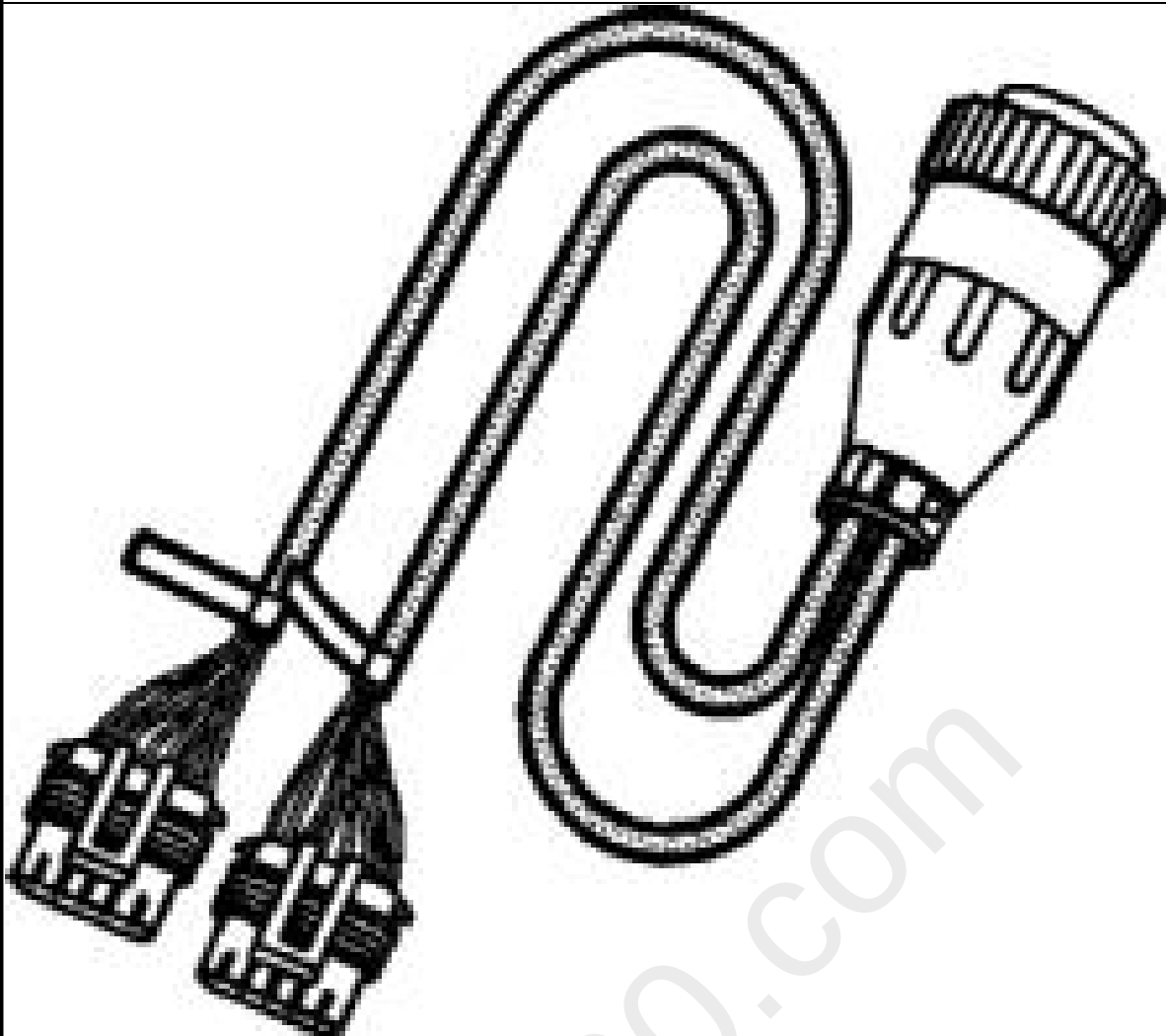
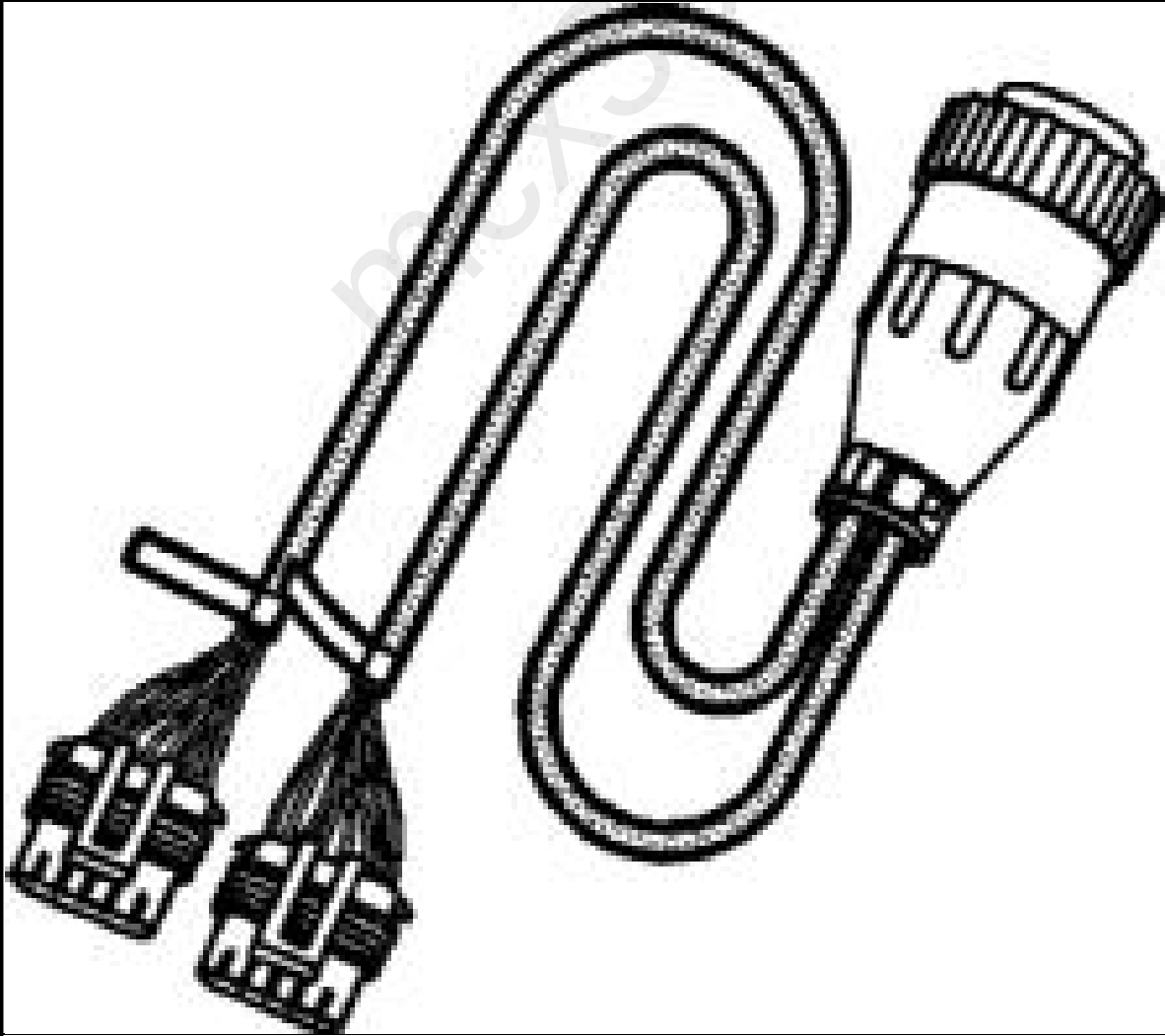
Illustration	Tool Number/Description
 A black and white line drawing of a coiled cable. One end features a large, multi-pin connector with a ribbed, cylindrical cap. The other end of the cable splits into two smaller, multi-pin connectors. The cable is shown in a loose, S-shaped coil.	EN-46999-15 Active Fuel Management Tester Harness - V6
 A black and white line drawing of a coiled cable, identical in design to the one above. It has a large multi-pin connector with a ribbed cap at one end and two smaller multi-pin connectors at the other. The cable is coiled in a similar S-shape.	EN-46999-20 Active Fuel Management Tester Harness - Small Block V8

Illustration	Tool Number/Description
	EN-47603 Compression Gauge Adapter

Illustration	Tool Number/Description
	EN-47656-NA Pressure Test Plugs
	GE-23738-A J-23738-A Vacuum Pump

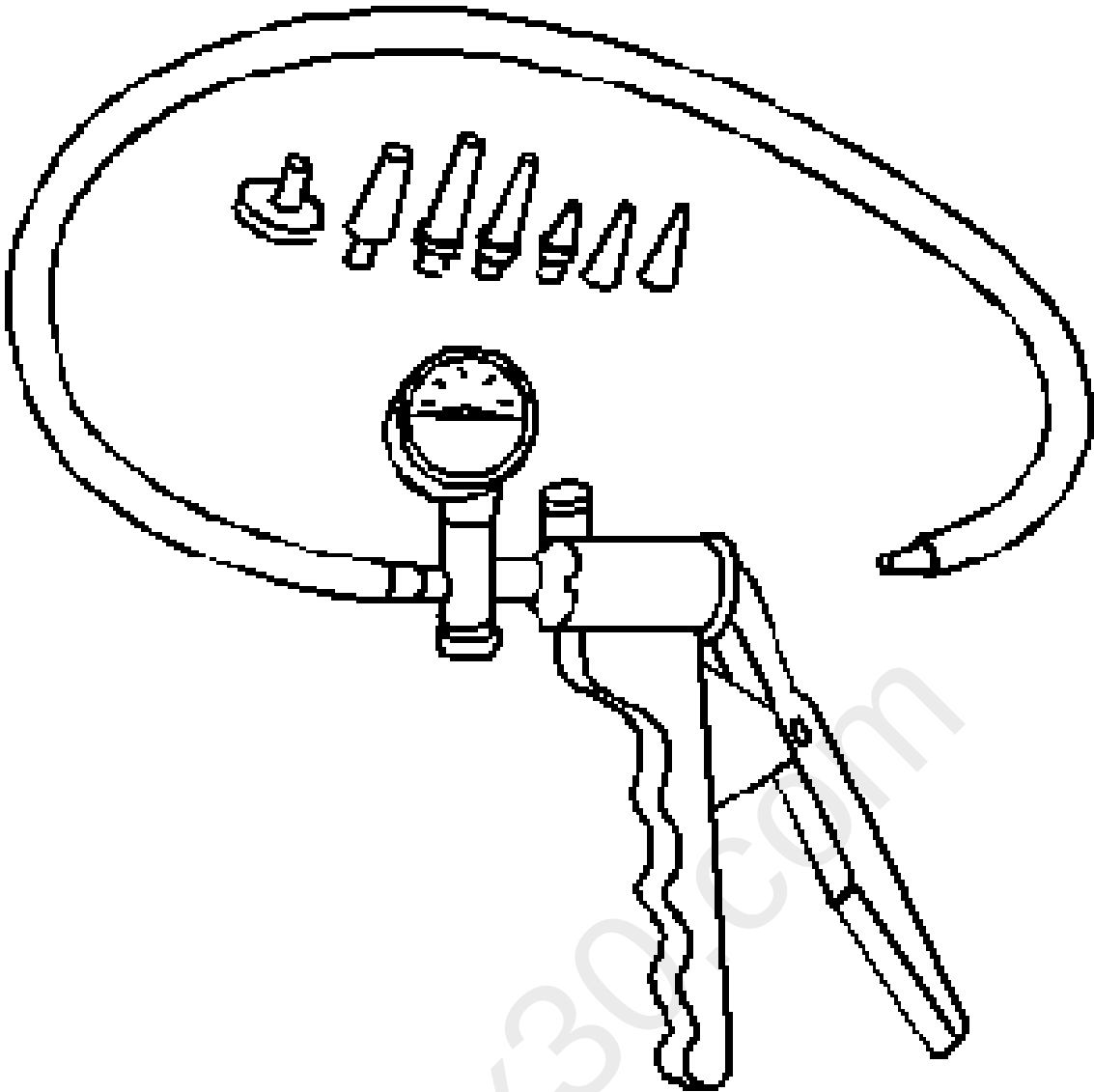
Illustration	Tool Number/Description
	

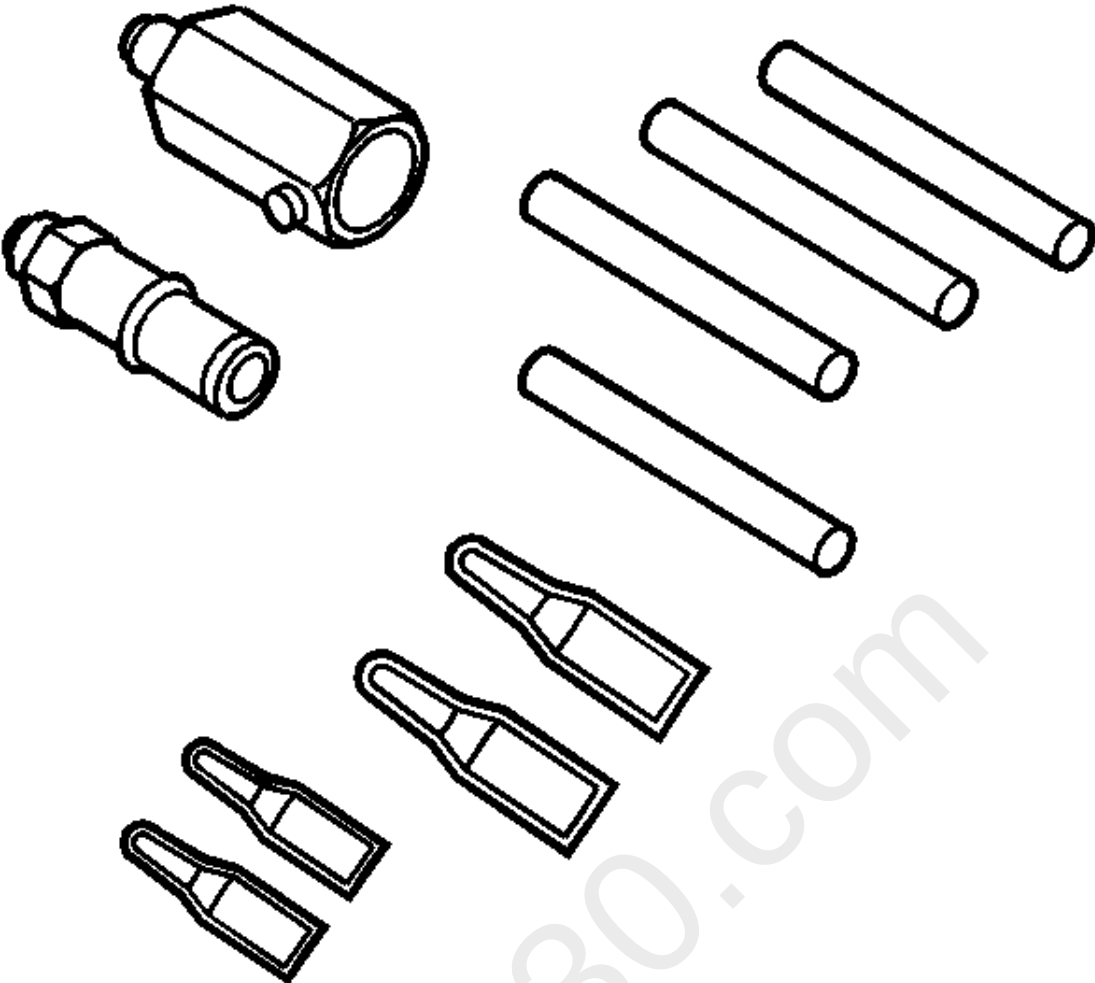
Illustration	Tool Number/Description
	GE-41413-300 EN-41413-300 J-41413-300 EVAP Cap and Plug Kit

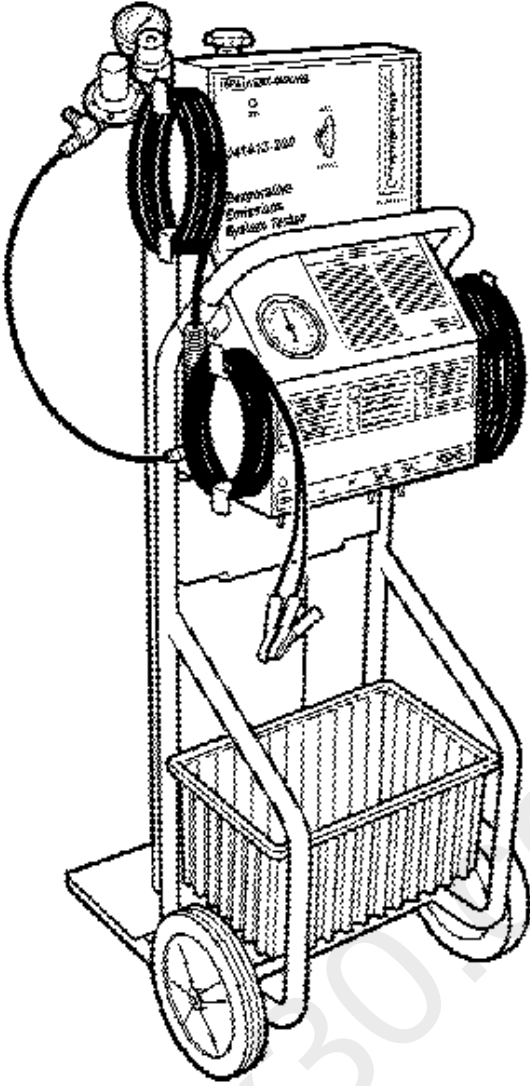
Illustration	Tool Number/Description
	GE-41413-A EN-41413-A J-41413-A Evaporative Emissions System Tester (EEST)
	GE-41413-SPT J-41413-SPT High Intensity White Light

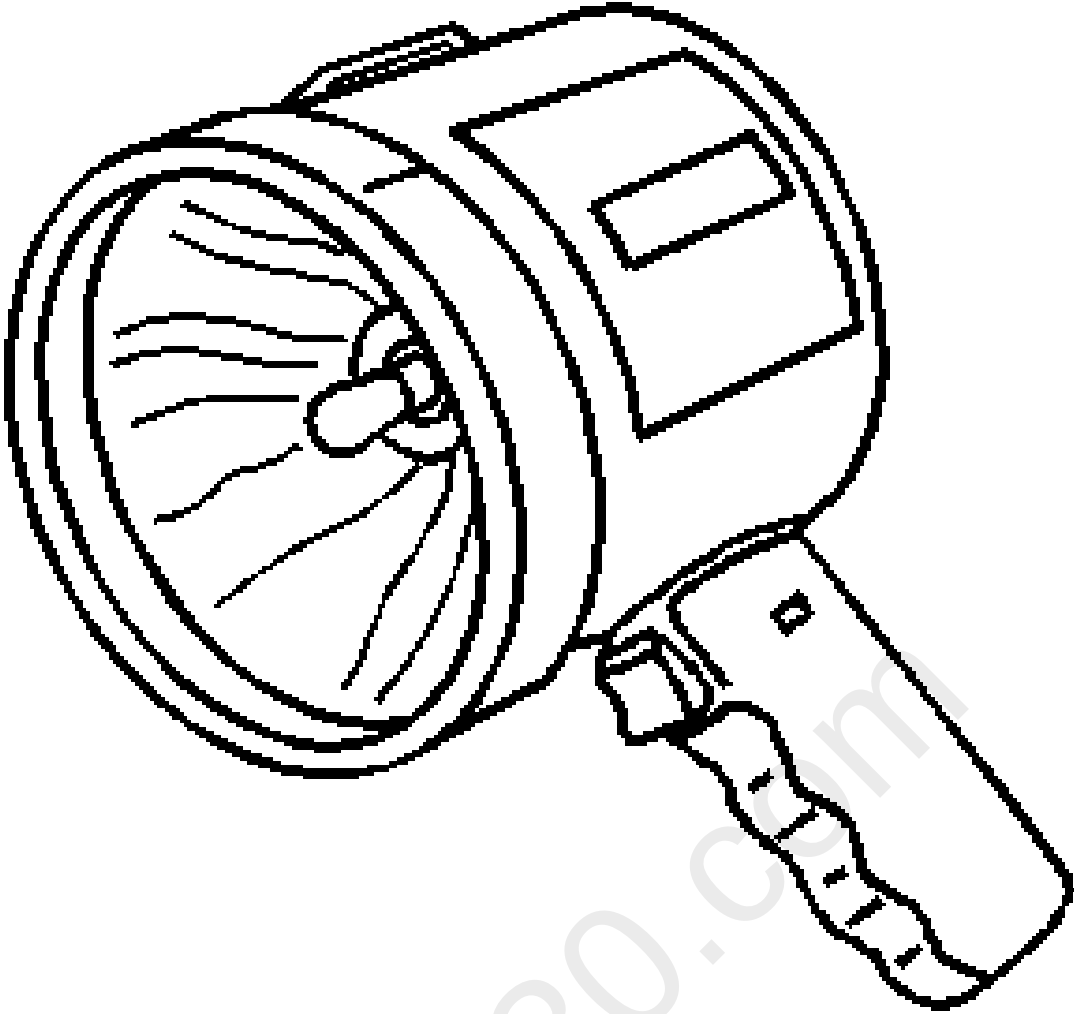
Illustration	Tool Number/Description
	

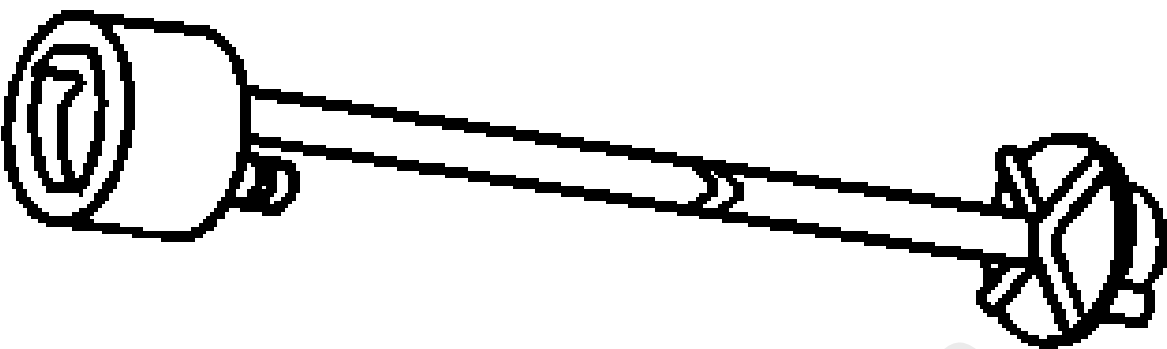
Illustration	Tool Number/Description
	GE-41415-50 J-41415-50 Fuel Tank Cap Adapter

Illustration	Tool Number/Description
 A blue metal adapter tool. It features a threaded end on the left, a central cylindrical body, and a curved outlet on the right. The tool is shown against a white background with a faint watermark 'mcx30.com'.	GE-41415-60 Engine Induction System Leak Test Adapter/Capless Fuel Fill Adapter
	J-25070 Heat Gun 260- 399Â°C (500- 750Â°F)

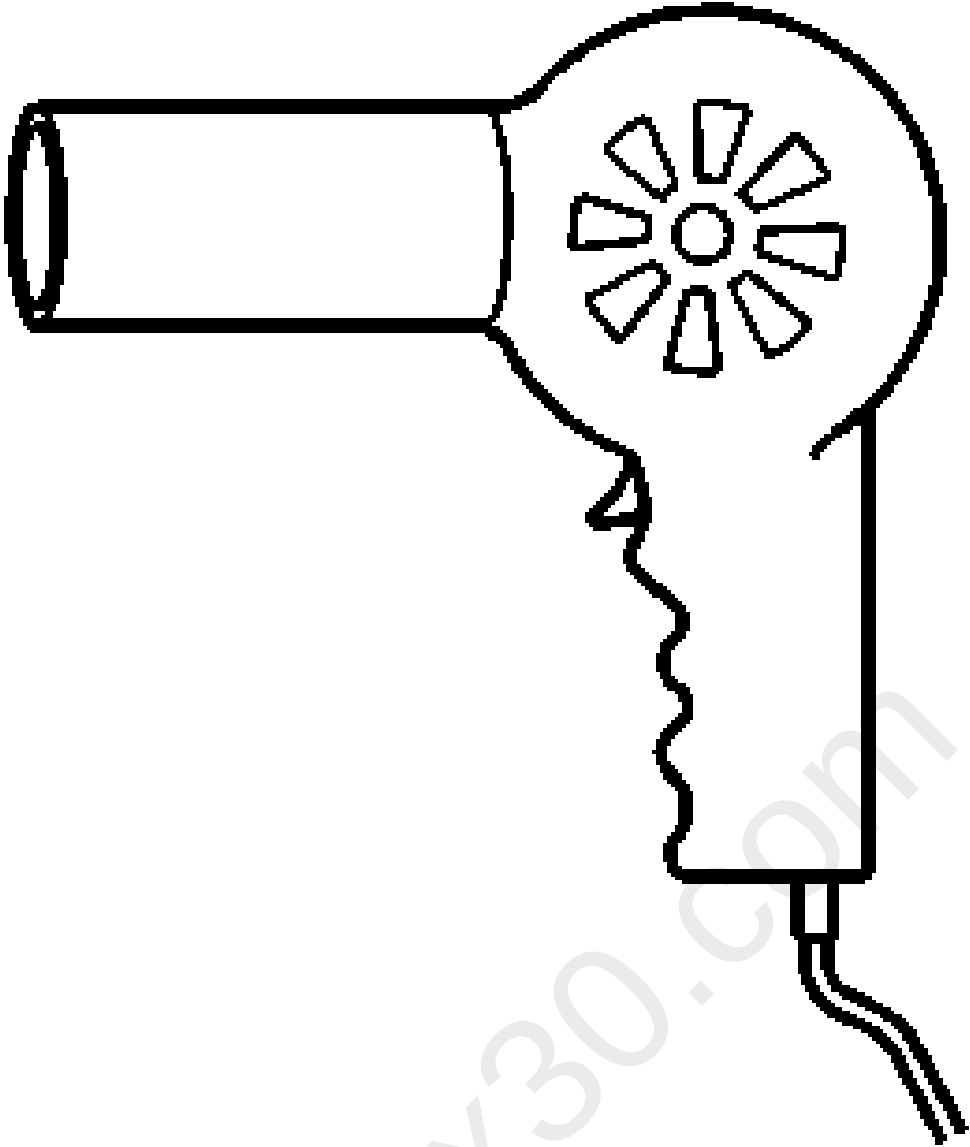
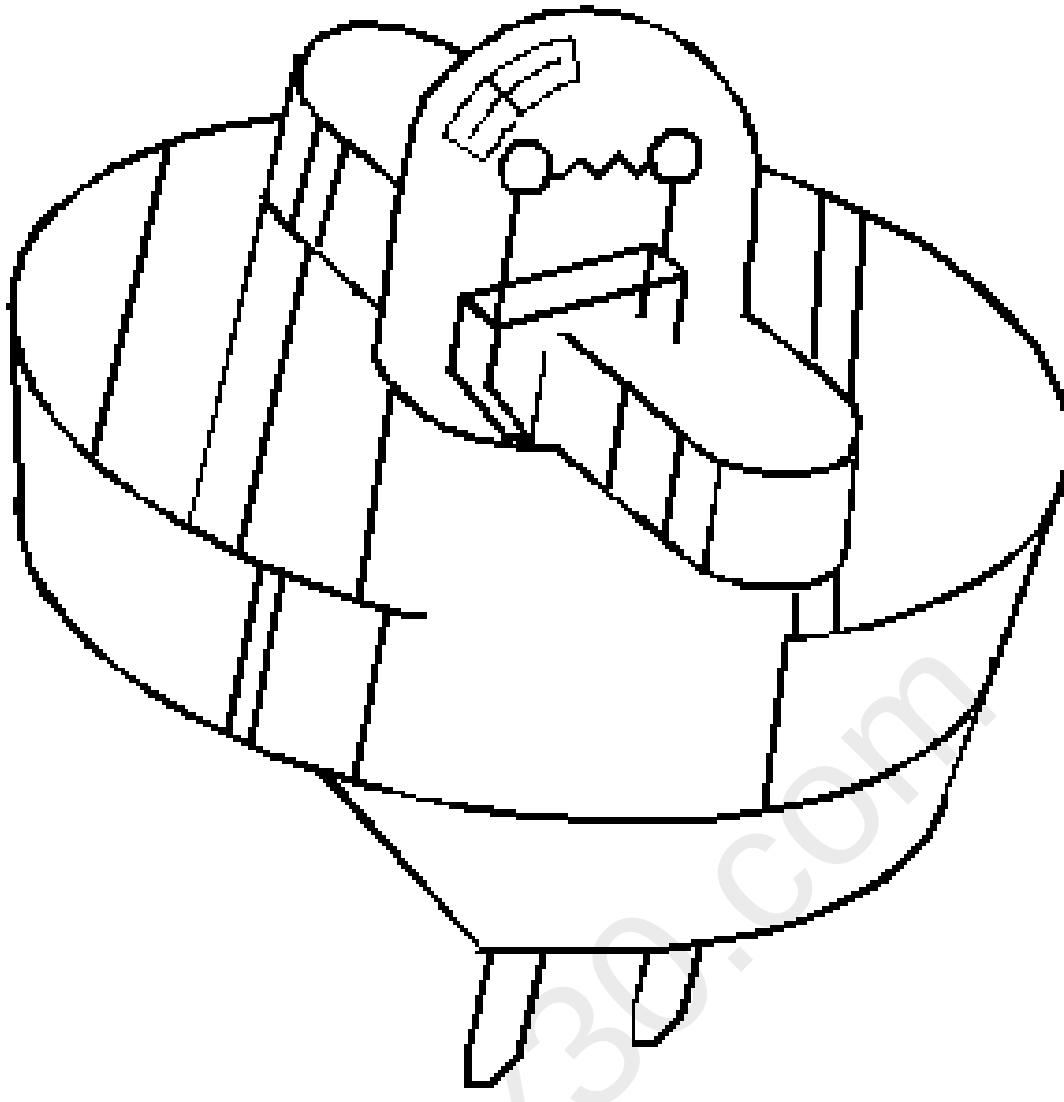
Illustration	Tool Number/Description
	
	J-34730-375 Injector Test Lamp

Illustration	Tool Number/Description
 A line drawing of a hand holding a tool. The tool has a circular head with a small rectangular notch and two small circles. The handle is a simple rectangular shape. The tool is positioned over a cylindrical object with vertical lines, suggesting a container or a part of a machine. A watermark 'mcx39.com' is visible across the drawing.	

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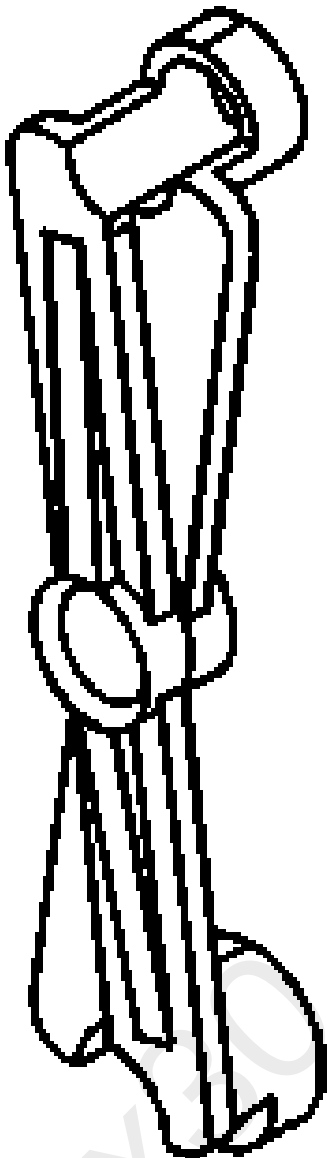
Illustration	Tool Number/Description
	J-44581 Fuel Line Disconnect Tool

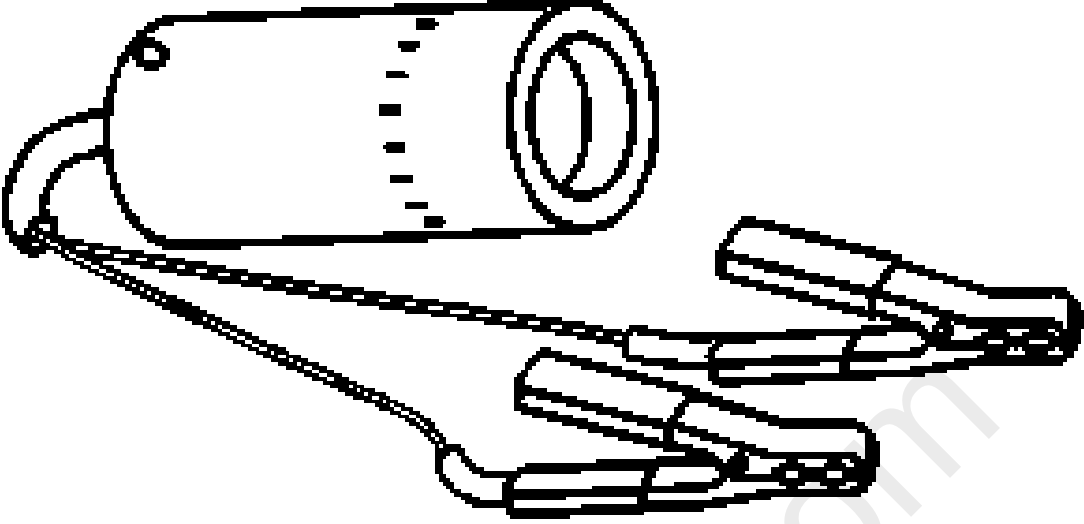
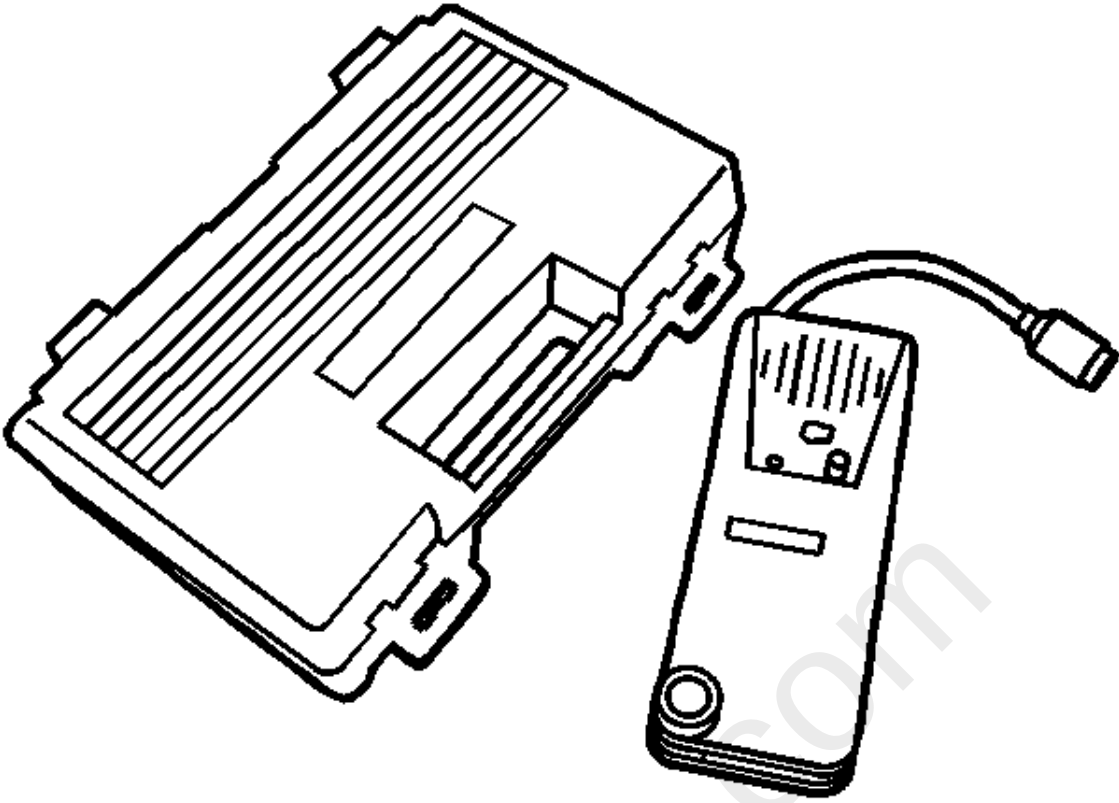
Illustration	Tool Number/Description
	J-28428-E J 42220 CH 42220 Universal 12-Volt Leak Detection Lamp

Illustration	Tool Number/Description
	J-45878 Combustible Gas Detector

SPECIAL TOOLS (MECHANICAL TOOLS)

Illustration	Tool Number/Description

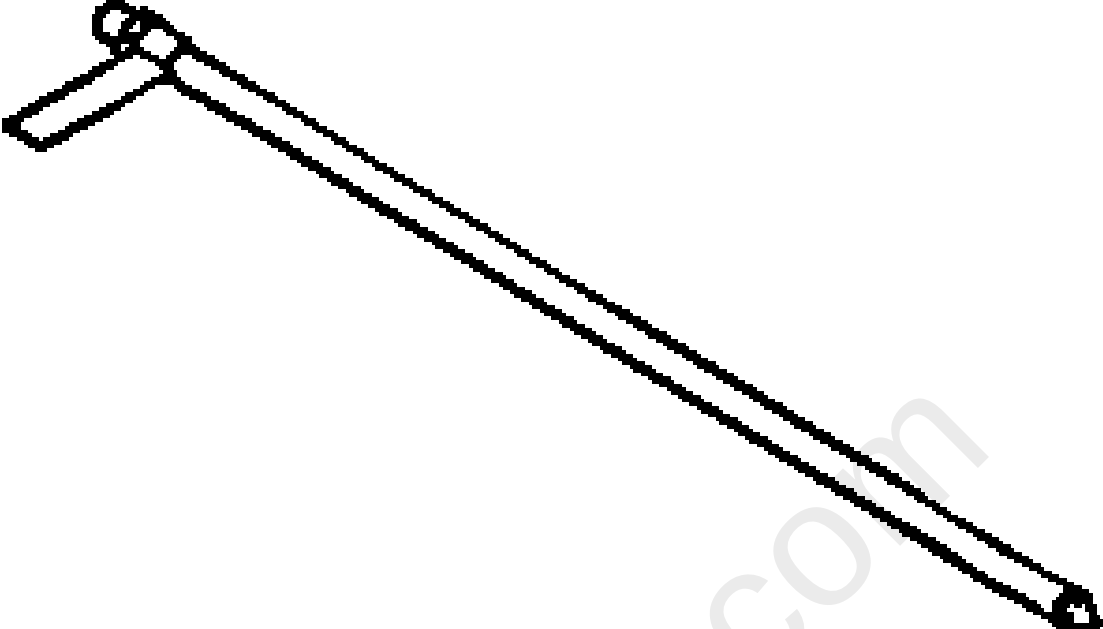
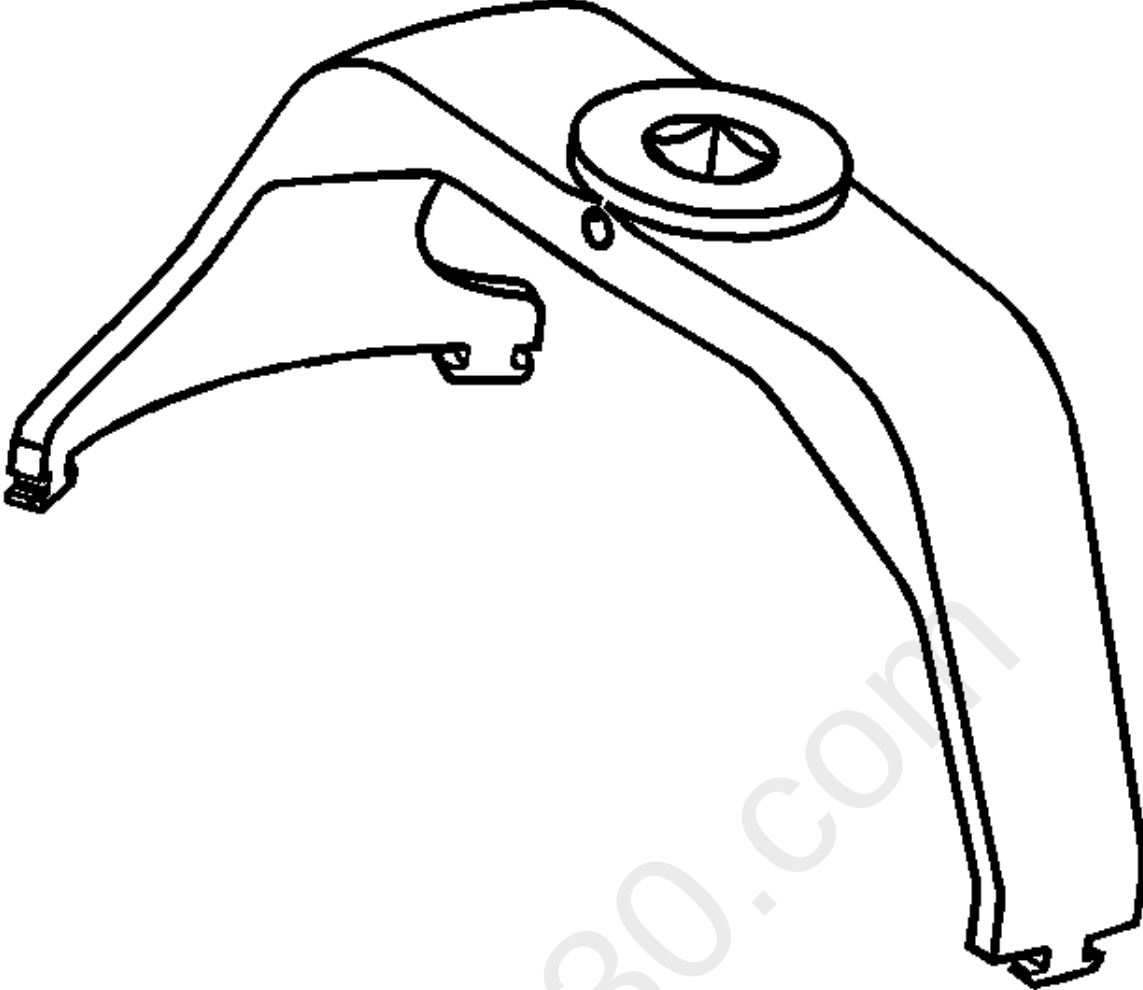
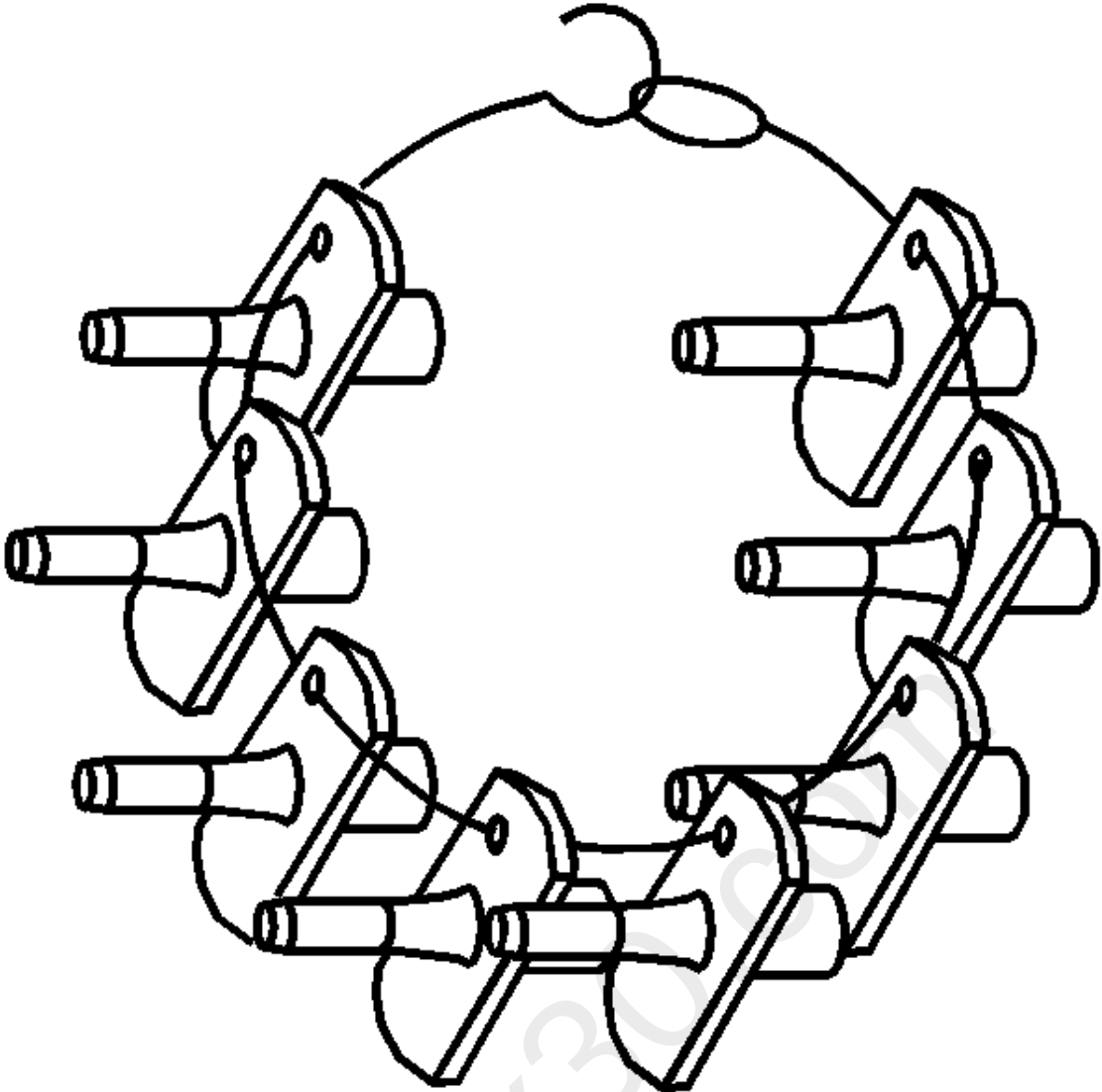
Illustration	Tool Number/Description
	CH-45004 Fuel Tank Drain Hose

Illustration	Tool Number/Description
	CH-45722 Fuel Sender Lock Ring Wrench

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Illustration	Tool Number/Description
	CH-807 KM-807 Closure Plugs

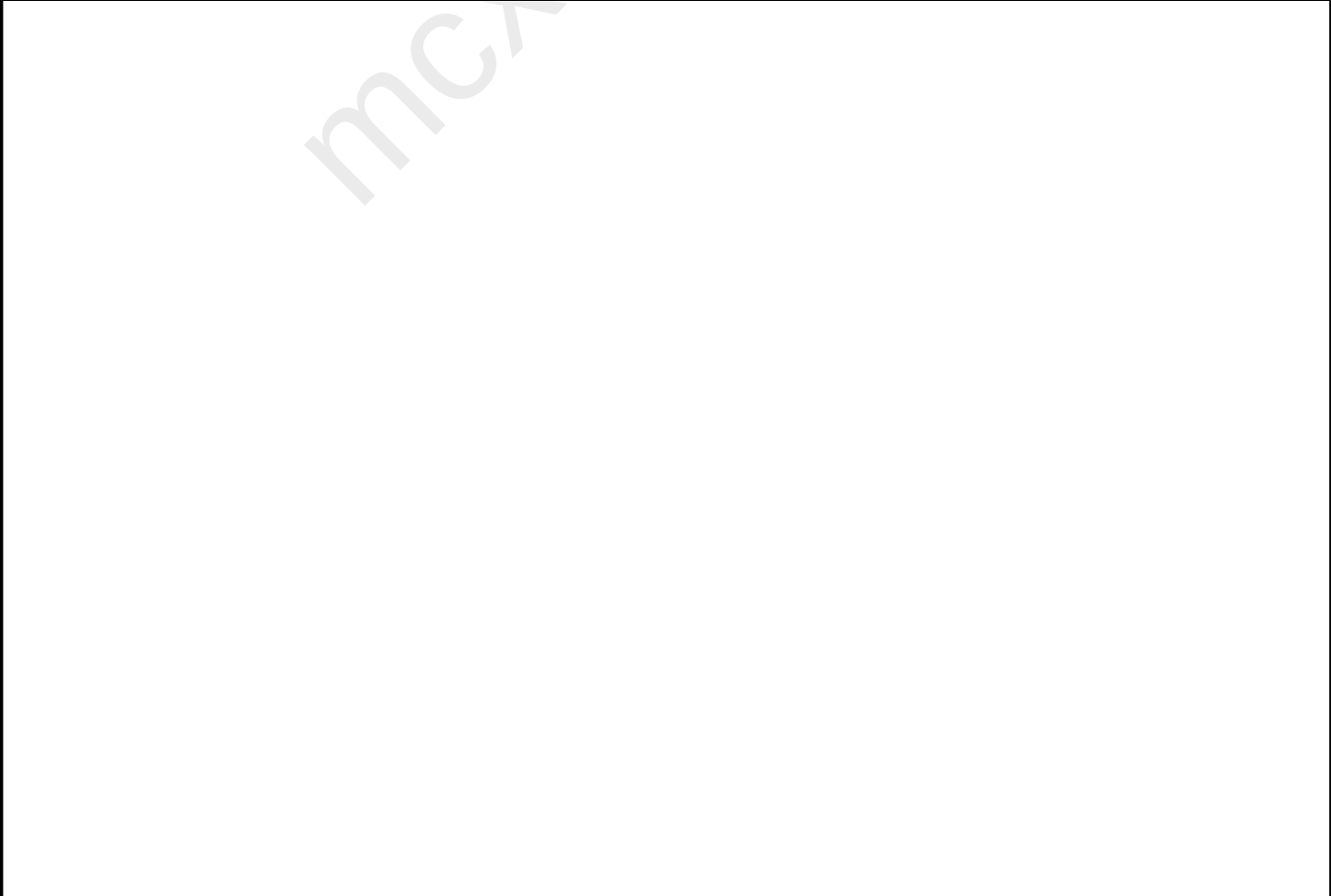
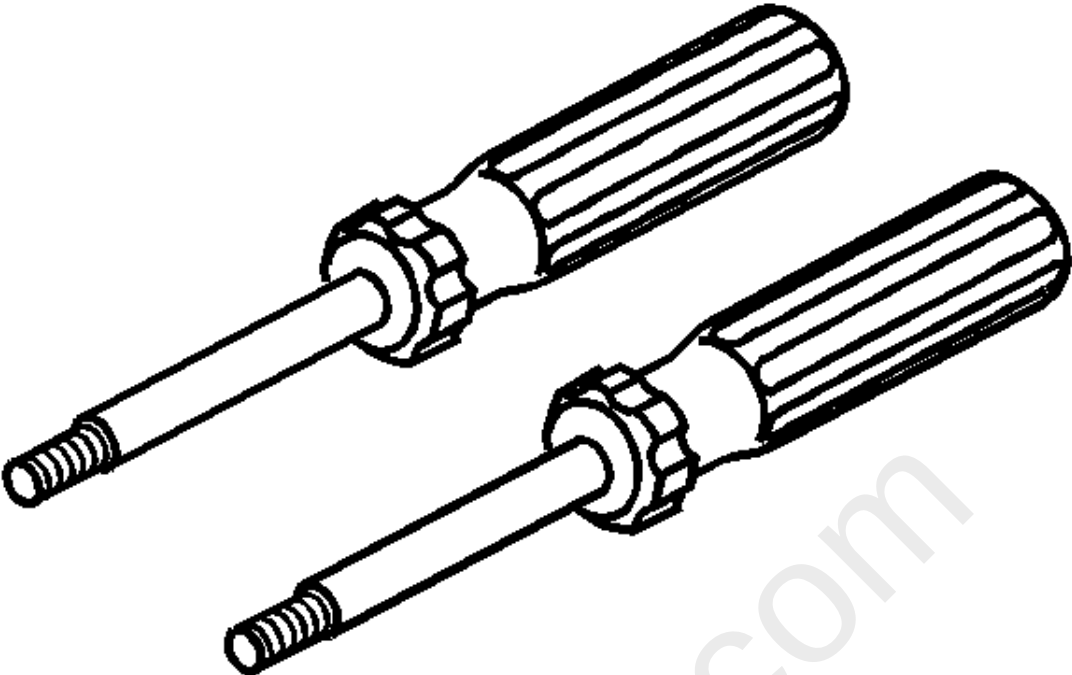
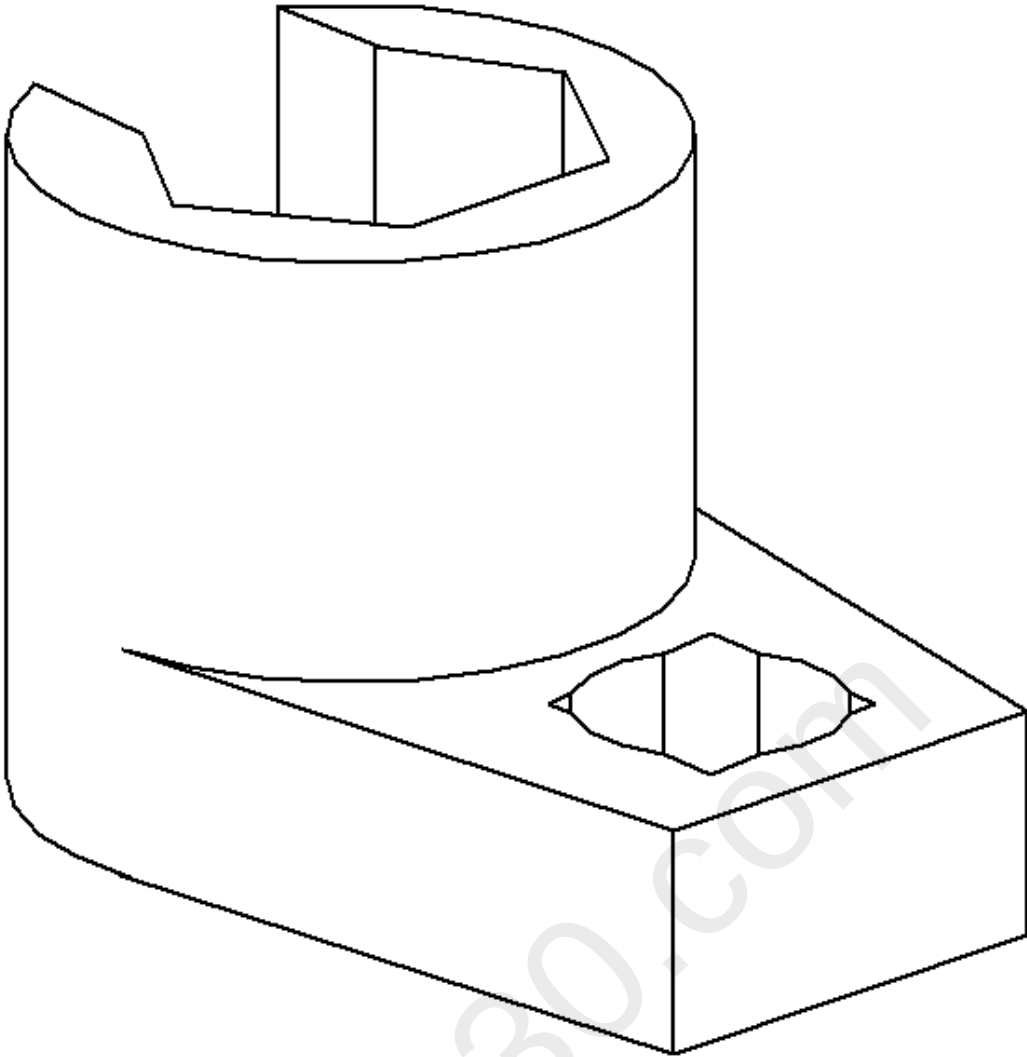


Illustration	Tool Number/Description
 A technical line drawing of two identical screwdrivers. Each screwdriver has a long, thin shaft with a hexagonal base near the handle. The handle is cylindrical with vertical ridges for grip. The tip of the shaft is threaded. The two screwdrivers are shown diagonally, one above the other.	EN-6009 KM-6009 Remover and Installer Ignition Coil

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Illustration	Tool Number/Description
	EN-6179 Heated Oxygen Sensor Remover/Installer