



CUTAWAYS





PETROL(GASOLINE) DOHC ENGINE 1/2 CUTAWAY EDUCATIONAL TRAINER

A1

Product number
IVDB01



Petrol(gasoline) DOHC Engine 1/2 Cutaway Educational Trainer is tool specifically designed for the detailed study and demonstration of modern engine systems. Learn process of timing belt replacement, auxiliary drive belt replacement, operation of a DOHC twin overhead camshaft system, water cooling system and alternator function. Mounted on a compact, easily transportable frame with bench clamps.



Value for students

- Fully functional OEM DOHC engine system with visible components of engine block, engine head, crankshaft, connecting rod, DOHC dual overhead camshaft, Pistons and rings, timing belt with camshaft sprocket and tensioners, alternator system.
- Operation of pistons, rings, combustion chambers, and intake and exhaust ports. Turning crankshaft to observe the dual overhead camshaft mechanism in action.
- Positions and functions of injectors and glow plugs within the combustion chamber, understand fuel injection and ignition processes.
- Timing and alternator belt replacement using the provided special tool kit, following exact torque measurement procedures for each component.
- Understand the assembly and operation of critical engine parts, including the timing belt, camshaft sprocket, tensioners, alternator belt, and crankshaft sprocket.

Value for instructors

- Fully functional cutaway model of a DOHC engine, enhancing theoretical lessons with practical, hands-on demonstrations.
- Allowing students to observe and manipulate engine components, fostering a deeper understanding through direct engagement.
- Safety first with protective covers over the cross-section of the engine. The model is equipped with bench clamps to secure it during use, preventing accidental movement.
- Integrate the model easily into any classroom setting due to its minimal space requirements and lightweight design. This eliminates the need for additional mounting stands and simplifies transportation.
- Quickly set up and conduct lessons using the included tool kit and detailed instructional materials, streamlining the teaching process and maximizing classroom time.

Specifications

- Dimensions: 500 x 500 x 300 mm (19.69 x 19.69 x 11.81 in)
- Weight: approx. 40 kg
- Product number: IVDB01





PETROL(GASOLINE) DOHC MPI ENGINE 1/2 CUTAWAY EDUCATIONAL TRAINER



A1

Product number
IVDB02



Highly detailed model to learn of internal combustion engine mechanics. Gain in-depth understanding of dual overhead camshaft (DOHC) technology, timing chain replacement, and other critical engine functions.



Value for students

- Hands-on experience with dual overhead camshaft (DOHC) technology, including 4-valve per cylinder configuration, operation of camshafts, valves, valve lifters, water pump.
- See piston movement, combustion chamber dynamics, and the role of intake and exhaust ports. Detailed study of the sectioned engine block, crankshaft, connecting rod, and pistons with rings.
- Perform timing chain and auxiliary drive belt replacement training for practical skills in engine maintenance. The model includes visible components such as the timing chain with camshaft sprocket, tensioners, and the alternator belt with tensioner.
- Rotate the crankshaft to observe the operation of the DOHC mechanism, allowing to see the synchronization of engine components.

Value for instructors

- Utilize a fully functional, OEM, sectioned engine model that represents the key elements of a DOHC petrol engine. This facilitates clear and effective teaching of complex engine mechanics and timing procedures.
- The model is designed with protective covers over the cutaway sections, ensuring student safety during demonstrations.
- The trainer's minimal weight and dimensions allow for easy transport and storage, enabling versatile use across various training environments.
- Instructors can guide students through practical exercises such as torque measurements and component replacements, using the model to simulate real-world engine maintenance tasks.

Specifications

- Dimensions:
750 x 670 x 440 mm
(29.53x26.38x17.32 in)
- Weight: approx. 81 kg
(178 lb)
- Product number: IVDB02





PETROL(GASOLINE) DOHC ENGINE CUTAWAY EDUCATIONAL TRAINER



A1

Product number
IVDB03



Sectioned engine model showcasing the engine block, head, crankshaft, pistons, connecting rods, camshaft, and timing chain. Designed for technical training, it provides clear visibility of key engine components and mechanisms for detailed educational demonstrations.



Value for students

- Visible internal components of a DOHC (Double Overhead Camshaft) petrol(gasoline) engine, including the engine block, head, crankshaft, pistons, connecting rods, and thrust bearings.
- Learn the procedures for timing chain replacement and the intricacies of the gas distribution mechanism, including the camshaft, rocker arms, valves, and tappets.
- Understand the camshaft drive mechanism, including timing gears, chains, tensioners, and sliders, offering a clear view of how these elements function together.
- Engage in realistic simulations of engine operation, enhancing diagnostic skills and

Value for instructors

- The trainer allows for a complete demonstration of petrol engine construction and operation, providing a visual and interactive learning experience.
- Teach complex concepts like the timing chain replacement and gas distribution mechanisms, ensuring students grasp the theoretical and practical aspects.
- Built for repeated use in a classroom setting, the trainer's robust construction ensures longevity and reliability, making it a valuable long-term educational asset.
- Allows students to observe and engage with the physical components, fostering a deeper understanding of automotive mechanics.
- Quickly set up and conduct lessons using the included tool kit and detailed instructional materials, streamlining the teaching process and maximizing classroom time.

Specifications

- Dimensions: 800 x 600 x 1200 mm (31.50x23.62x47.24 in)
- Weight: Approx. 150 kg (330 lb)
- Power Supply: Manual operation for component demonstration
- Visible Components: Engine block, engine head, crankshaft, pistons, connecting rods, camshaft, valves, timing chain, tensioners, alternator, AC compressor
- Included specialist tool set for timing chain replacement





DIESEL ENGINE 1/2 CUTAWAY MODEL



A1

Product number

IVOD01-CR01



Diesel OHC Common Rail engine, featuring a sectioned view of engine block, crankshaft, OHC camshaft with valves, pistons with rings, and a high-pressure CR pump. The model allows hands-on training in timing belt and alternator belt replacement, using specialized tools for torque measurement. The trainer's cutaway design enables the examination of piston operation, combustion chamber dynamics, and the OHC mechanism, all while ensuring safety with protective plastic covers. Compact and portable, it is ideal for use in technical and vocational automotive education.

Features

- Provides a detailed view of key engine components, including the engine block, crankshaft, OHC camshaft, pistons, and combustion chamber.
- Facilitates practical training in timing belt and alternator belt replacement with visible tensioners and camshaft sprocket.
- Allows for the manual operation of the crankshaft to demonstrate OHC mechanics and component movements.
- Equipped with safety protection to ensure a safe training environment.
- Lightweight design with bench clamps for easy placement on workbenches or tool trolleys.



DIESEL DOHC COMMON RAIL ENGINE 1/2 CUTAWAY EDUCATIONAL TRAINER

A1

Product number

IVDD01-CR02



Cutaway diesel engine with DOHC system and Common Rail injection system, visible and accessible components such as the engine block, crankshaft, DOHC dual overhead camshaft, timing chain, and alternator belt. It allows for practical demonstrations of timing chain and auxiliary drive belt replacement, with emphasis on the technical specifications and functionality of each component.

Features

- Includes engine block, engine head, crankshaft, connecting rod, DOHC dual overhead camshaft, pistons with rings, timing chain with camshaft sprocket, alternator belt with tensioner, air conditioning compressor, and high-pressure CR pump.
- Demonstrates piston, rings, combustion chamber, intake and exhaust ports, DOHC components, injector, and glow plug holes. Allows operation of the DOHC mechanism by turning the crankshaft, with a focus on safe, controlled interaction.
- Features all original timing chain, tensioners, and alternator belt components for demonstrating replacement procedures, including torque moments using specialized tools.
- Equipped with safety plastic protection to shield students from moving parts during demonstrations.





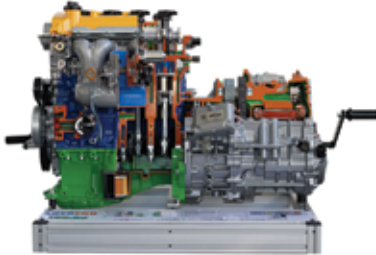
HYBRID PETROL(GASOLINE)/ELECTRIC SYSTEM CUTAWAY EDUCATIONAL TRAINER



A1

Product number

AE34500M



Features

- 500 cm³ 4-cylinder engine with VVT-i technology.
- Hybrid Powertrain engine and electrical motors with the capability for separate or combined operation.
- Cutaway Design exposes internal components for detailed study, including sensors and injection systems.
- Engine and generator can be manually rotated for hands-on mechanical analysis.
- Mounted on a sturdy, wheeled stand for easy movement and secure placement.

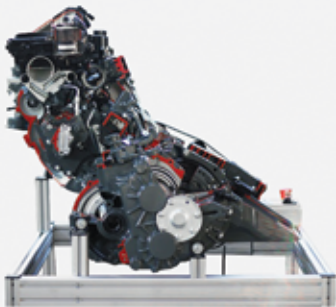
DIESEL COMMON RAIL INJECTION+GEARBOX CUTAWAY EDUCATIONAL TRAINER



A1

Product number

AEMB170



Features

- 4-cylinder in-line diesel engine offers a detailed cutaway view for comprehensive examination of internal components.
- 5-speed gearbox with reverse showcases gear engagement and shifting mechanics.
- Clear view of the camshaft, aiding in the study of timing and valve operation.
- 220V electrical operation ensures safe, controlled demonstrations at reduced speed, simulating engine working process.
- Aluminum stand with wheels for stability and mobility, allowing easy repositioning within the classroom for flexible teaching arrangements.

6 CYLINDERS DIESEL ENGINE TRUCK CURSOR WITH ELECTRONICALLY CONTROLLED PUMP INJECTORS



A1

Product number

AE36083E



Features

- Iveco Cursor 6-cylinder diesel engine with a displacement of 7790/10380 cu cm and maximum power output of 310/450 hp.
- 4-stroke cycle with a turbo-compressor and water cooling system, demonstrating internal mechanics at a reduced speed for safe observation.
- Electronically controlled pump injectors, with visible color-coded sections of the lubricating circuits, fuel system, and cooling system.
- The engine operates electrically at 220 volts and run at a reduced speed to let the student easily understand and observe the operation of the various mechanical parts.
- Cutaway sections and color-coded components enhance visibility and understanding of engine parts.



SECTIONED ENGINE IVECO COMMON RAIL SYSTEM (CR) COMPLETE WITH ALL PARTS TRAINER



A1

Product number
AE36082



Features

- Sectioned engine of 4-6 in-line cylinders and camshaft.
- Visible Common Rail (CR) fuel system with all fuel delivery components.
- Exposed lubricating, fuel, and cooling circuits.
- Engine runs at 220 volts for simulate the operation of various mechanical parts.
- The truck cutaway engine is mounted on the stand with the wheels.

PETROL(GASOLINE) DOHC ENGINE ¼ CUTAWAY EDUCATIONAL TRAINER



A1

Product number
IVDB01-Q



Features

- Provides a transparent view of internal components including camshafts, valves, and pistons.
- Demonstrates the operation of twin overhead camshafts (DOHC) and four valves per cylinder.
- Exposes the piston assembly for detailed examination of piston movement and ring placement.
- Ensures a sturdy, long-lasting platform for educational use.

IGNITION AND CHARGING SESTEM EDUCATIONAL TRAINER



A6

Product number
AE410000E



Features

- Battery supplies electrical power for the ignition system.
- Spark coil generates high-voltage sparks for combustion.
- Distributor directs sparks to the appropriate cylinder.
- Spark plugs demonstrate spark generation in real-time.
- Rotating flywheel simulates engine operation, highlighting the ignition cycle.
- Sectional view provides a detailed look at internal components and their interactions.



AUTOMATIC TRANSMISSION EDUCATIONAL TRAINER



A2

Product number

AE411060M



Features

- Manual rotation handle allows hands-on manipulation and observation of internal gear mechanisms.
- Torque converter demonstrates torque transfer and operational principles.
- Oil pump shows hydraulic fluid pressure generation and distribution.
- Stationary and rotary plate clutches illustrate gear engagement and disengagement processes.
- Planetary gear train provides insight into gear reduction and torque multiplication.
- Hydraulic circuit valve displays fluid flow control within the transmission.

GEARBOX CUTAWAY MODEL EDUCATIONAL TRAINER



A2

Product number

AE410990M



Features

- 5-Speed configuration includes five forward gears and one reverse gear.
- Manual operation handwheel for selecting gears and reverse.
- Cutaway design exposes internal components such as gears, shafts, and synchronizers.
- Mobile stand equipped with wheels for easy movement and positioning.

ZF 16S ECOSPLIT GEARBOX FOR HEAVY TRUCKS 16F+2R CUTAWAY EDUCATIONAL TRAINER



A2

Product number

AE411069M



Features

- Central gearbox displays 4 forward and 2 reverse gears.
- Epicyclic unit demonstrates the speed gear selection mechanism.
- Over-Gear mechanism allows gear ratio adjustments, providing 16 forward gears.
- Manual operation engaged via a hand wheel for practical gear selection experience.
- Cutaway Design: Provides detailed view of internal components.
- Mobile Stand: Equipped with wheels for easy maneuverability.



CONTINUOUSLY VARIABLE TRANSMISSION (CVT) CUTAWAY EDUCATIONAL TRAINER



A2

Product number

AE411068M



Features

- Provides clear visibility of internal components, including V-belt pulleys, belt, and hydraulic controls.
- Handwheel allows for real-time adjustment and observation of gear ratios.
- Equipped with a stand and wheel for easy mobility and stability during use.
- Enables practical engagement with CVT components and their operational principles.

DUAL MASS FLYWHEEL WITH THE CLUTCH CUTAWAY EDUCATIONAL TRAINER



A2

Product number

AEDMF01



Features

- Cutaway dual mass flywheel exposes the internal structure and operation of dual-mass flywheel systems.
- Interactive clutch mechanism demonstrates the engagement and disengagement processes of the clutch system.
- Spring damping system showcases the function of damper springs in reducing rotational oscillations.
- Clearly labeled components for enhanced understanding and instructional efficiency.

DIRECT SHIFT GEARBOX CUTAWAY EDUCATIONAL TRAINER



A2

Product number

AE1064



Features

- Cutaway design provides a clear view of internal DSG gearbox components including clutches, gear sets, and mechatronics.
- Dual-Clutch system demonstrates the operation and interaction of two separate clutches for seamless gear transitions.
- Manual rotation allows simulation of gear shifts and real-time observation of gearbox operation.
- Aluminum base ensures stability and durability of the model during educational use.



STARTER MOTOR FOR CARS CUTAWAY EDUCATIONAL TRAINER

A6

Product number

AE410070ME



Detailed and functional model of an automotive starter motor. It includes a cutaway view of the electric motor, start-up relay, and Bendix drive, mounted on a stable base for educational purposes. This trainer is designed to simulate the operation of a 12V battery-powered starter motor, offering clear visibility into the internal mechanisms and components involved in engine starting systems.



TRUCK TURBOCHARGER CUTAWAY EDUCATIONAL TRAINER

A1

Product number

AETTC



The Truck Turbocharger Cutaway Educational Trainer features a high-precision cutaway model, showcasing critical turbocharger components. The trainer reveals the turbine wheel, compressor wheel, bearing assembly, wastegate, actuator, and variable geometry turbine, all mounted on a robust base.



TRUCK REAR AXLE WITH LOCKING DIFFERENTIAL CUTAWAY

A2

Product number

AE411198M



Cutaway model provides view of a heavy truck's rear axle system. It features a complete section including bevel gears, locking differential, axle shafts, reducer, planetary hub, drum brakes and a double air brake element. This model is mounted on a stable stand with wheels for ease of use and visibility.



16 VALVE 4 CYLINDERS FIAT ENGINE WITH MULTI-POINT ELECTRONIC INJECTION + FRONT DRIVE GEARBOX 5 SPEEDS

A1/A2

Product number

AE34807E

Fully functional cutaway model featuring a 16-valve 4-cylinder engine with multipoint electronic injection and rear-drive 5-speed gearbox plus reverse. The model includes a differential integrated with the engine and transmission system, offering a comprehensive educational tool designed for hands-on learning.



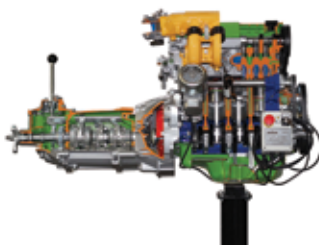
16 VALVE 4 CYLINDERS FIAT ENGINE WITH MULTI-POINT ELECTRONIC INJECTION + FRONT DRIVE GEARBOX 5 SPEEDS

A1/A2

Product number

AE34808E

Fully functional cutaway model featuring a 16-valve 4-cylinder engine with a turbocharger, multipoint electronic injection, and a rear-drive 5-speed gearbox plus reverse. The model includes a differential integrated with the engine and transmission system, offering a comprehensive educational tool designed for hands-on learning.



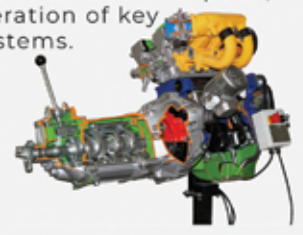
ENGINE WITH MULTI-POINT ELECTRONIC INJECTION

A1/A2

Product number

AE34806E

Fully functional cutaway model featuring a 16-valve 4-cylinder engine with multipoint electronic injection, turbocharger, and rear-drive 5-speed gearbox plus reverse. Designed for hands-on educational purposes, this trainer operates electrically at 220 volts at reduced speed, ensuring safe and visible operation of key mechanical and electrical systems.



HYBRID PETROL(GASOLINE)/ELECTRIC SYSTEM EDUCATIONAL TRAINER

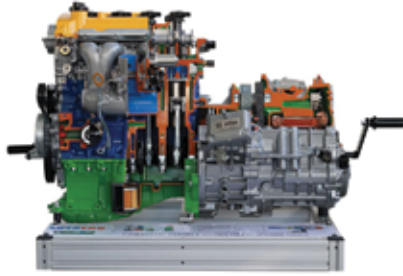
L3

Product number

AE34500M



Hybrid system cutaway model with a 1500 cm³ Toyota THS engine, VVT-i, multi-point injection, and electrical motors. Features manual rotation of engine and generator, operates together or separately.



16 VALVE 4 CYLINDERS FIAT ENGINE WITH MPI INJECTION

A1

Product number

AE34800E



16-valve, 4-cylinder Fiat engine cutaway model with DOHC, 2000 cc displacement, multipoint electronic injection, and integrated ignition control unit.



16 VALVE 4 CYLINDERS FIAT ENGINE WITH MPI INJECTION + GEARBOX

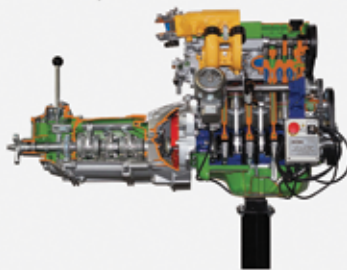
A1

Product number

AE34805E



16-valve, 4-cylinder Fiat engine cutaway model with 2000 cm³ DOHC, multipoint electronic injection, and vibration-damping balancing shafts, plus a 5-speed forward gearbox and reverse. Operates electrically at 220V for slow-speed observation.



16 VALVE CHRYSLER TURBO DIESEL ENGINE WITH COMMONRAIL INTERCOOLER

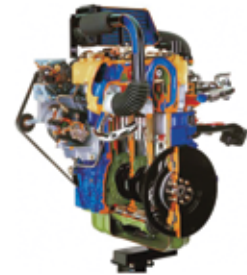
A1

Product number

AE36010M



16-valve Chrysler turbo diesel engine cutaway with a 2500/2800 cc displacement, DOHC, CR injection, turbocharger with air-to-air intercooler, and vibration-damping balancing shafts.



8 VALVE ENGINE WITH TURBO DIESEL COMMON-RAIL

A1

Product number

AE36015E



8-valve turbo diesel engine cutaway model with 4 in-line cylinders, common-rail injection, turbocharger, and essential components.



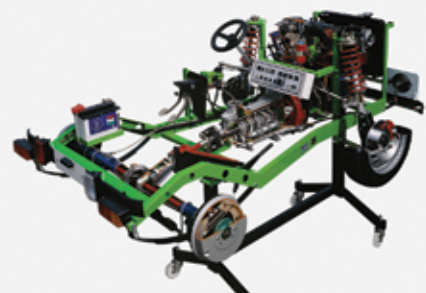
PETROL(GASOLINE) MPI engine with CHASSIS Trainer

Product number

AE35350E



Petrol MPI engine chassis trainer with a 1200 cm³ Fiat engine, 5-speed gearbox, differential, and a double circuit brake system. Features front disc and rear drum brakes.





DOHC ENGINE WITH MPI INJECTION and LIGHT SYSTEM

Product number

AE35340E



FIAT DOHC engine chassis trainer with a 2000 cm³, 4-cylinder petrol engine, 5-speed gearbox, differential, and dual braking system. Features McPherson front suspension, rack steering, rear leaf springs, and a working light system controlled by a dashboard.



DIESEL ENGINE 1/4 EDUCATIONAL TRAINER

A1

Product number

IVOD01-Q



Diesel engine 1/4 cutaway model with 2 valves per cylinder, piston with rings, and 1 cylinder, mounted on an aluminum base.



2 CYLINDERS PETROL(GASOLINE) ENGINE TRAINER

A1

Product number

AE35230



2-cylinder petrol(gasoline) engine cutaway model with air cooling, 500 cm³ displacement, camshaft in the crankcase, single carburettor, and overhead valves.



2 STROKE PETROL(GASOLINE) ENGINE TRAINER

A1

Product number

AE37450M



2-stroke petrol(gasoline) engine cutaway model with 46 cm³ piston displacement, air cooling, electronic ignition, and box carburettor.



SINGLE-CYLINDER 4 STROKE PETROL(GASOLINE) ENGINE AIR COOLED

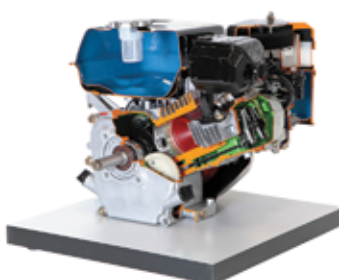
A1

Product number

AE35245M



Single-cylinder 4-stroke petrol(gasoline) engine cutaway model, air-cooled, 160 cc, 6 hp, with camshaft in the crankcase, overhead valves, RPM regulator, oil pump, carburettor, air filter, silencer, and tank.



2 STROKE MOTORCYCLE PETROL(GASOLINE) ENGINE TRAINER

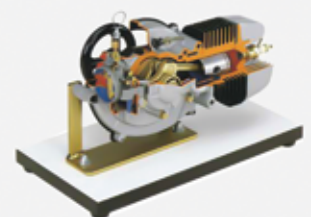
A1

Product number

AE37400



2-stroke motorcycle petrol(gasoline) engine cutaway model, 48 cc piston displacement, air-cooled, with plug point and magnet fly-wheel ignition, and box carburettor.





WANKEL ENGINE EDUCATIONAL TRAINER

A1

Product number

AE37500M



Wankel engine model with rotating triangular piston, cutaway carburettor, and light to simulate ignition.



OPPOSED-PISTON ENGINE EDUCATIONAL TRAINER

A1

Product number

AE39260E



Opposed-piston engine model with air cooling, camshaft in the crankcase, magneto ignition, and single-body carburettor.



MAZDA RX TWIN-ROTOR WANKEL ENGINE TRAINER

A1

Product number

AE34400M



Featuring a drive shaft, twin rotors, suction and exhaust channels, chain-driven oil pump, water pump with thermostatic valve, electronic injection, and twin-spark ignition.



MERCEDES ATEGO ENGINE, PLD SYSTEM TRAINER

A1

Product number

AE36081



Sectioned Mercedes Atego engine with PLD injection pump, featuring 4 in-line cylinders, camshaft, and detailed mechanical parts. Excludes gearbox.



8V CYLINDERS TURBO DIESEL ENGINE TRAINER

A1

Product number

AE36084E



Iveco Turbostar 190-38 8V Turbo Diesel cutaway engine, 17,200 cc, 380 hp, with direct injection, dual turbochargers, and geared distribution.



MARINE OUTBOARD ENGINE 2 STROKES TRAINER

A1

Product number

AE37900M



Marine Outboard 2-Stroke Engine cutaway model, 2/3 cylinders, water-cooled with centrifugal pump, and mechanical converter.





ENGINE COOLING SYSTEM TRAINER

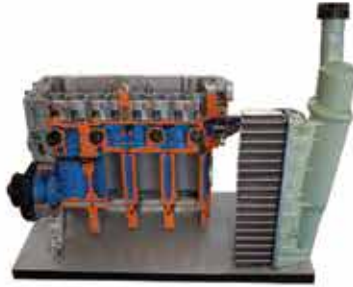
A1

Product number

AE410401S



Engine Cooling System cutaway model on base, featuring block-head canalization, water pump, thermostatic valve, temperature bulb, expansion tank, radiator, and connecting pipes.



TURBOSUPERCHARGER WITH WASTE-GATE VALVE TRAINER

A1

Product number

AE410430M



Turbocharger with waste-gate valve on base, sectioned and painted for clear training on its components.



CENTRIFUGAL CLUTCH EDUCATIONAL TRAINER

A2

Product number

AE411141M



Centrifugal clutch cutaway model on base, sectioned and color-coded for clear educational use.



HYDRAULIC CONTROL CLUTCH EDUCATIONAL TRAINER

A2

Product number

AE411100S



Hydraulic control clutch cutaway model with fully sectioned pump, cylinder, and diaphragm clutch units for clear demonstration of the hydraulic circuit.



MEMBRANE SPRING CLUTCH CUTAWAY

A2

Product number

IDSS01



Membrane spring clutch cutaway model with flywheel, clutch disc, pressure plate, throw-out bearing, release fork, and pressing handle.



TORQUE CONVERTER

A2

Product number

AE411140S



Torque converter on a stand, sectioned for training with parts painted in distinct colors for clarity.





4WD TRACTOR „KUBOTA“ EDUCATIONAL TRAINER

Product number
AE38000E



4-wheel drive Kubota farm tractor cutaway model with a 20hp diesel engine with water cooling system, 6-speed gearbox, power take-off, and hydraulic lifter.



TRACTOR WITH DIESEL ENGINE FIAT „La Piccola“ HYDRAULIC HOIST

Product number
AE38110E



Fiat "La Piccola" 4-stroke farm tractor with a 2-cylinder diesel engine, indirect injection, water cooling, overhead valves, in-line pump, globe-shaped steering box, and a 6-speed gearbox with 2 reverse.



FARM TRACTOR WITH DIESEL ENGINE - FIAT 25R

Product number
AE38200E



Fiat 25R 4-stroke, 4-cylinder tractor engine cutaway model with 2000 cu.cm displacement, indirect injection, water cooling, overhead valves, in-line pump, globe-shaped steering box, and 4-speed gearbox with reverse.



MASSEY-FERGUSON"/"LANDINI" TRACTOR TRAINER

Product number
AE38300E



Massey-Ferguson/Landini farm tractor cutaway model with a 4-cylinder Perkins diesel engine, direct injection, CAV rotary pump, single-disc clutch, reduction gearbox, rear hydraulic lifter, differential locking, and front drive engagement.



TRACKED TRACTOR TRANSMISSION TRAINER

A2 | Product number
AE38360M



Tracked tractor transmission cutaway model including clutch unit, gearbox, pinion gear, ring gear, steering clutch, and final reducer.



RADIAL ENGINE, AIR COOLING WITH DOUBLE IGNITION

A1 | Product number
AE39280E

Air cooling, double ignition (2 spark plugs and 2 magnetos), and a driving shaft with integral master rod and moving connection rods.





HYBRID TRANSMISSION MG (MOTOR/GENERATOR)

A2

Product number

AE411082M



Manually operated, showcases power splitting, HV battery recharging, and engine starting function.



5 SPEED GEARBOX TRAINER

A2

Product number

AE411005M



5-speed gearbox cutaway model with differential, manually operated via hand wheel.



5 GEARS GEARBOX WITH CLUTCH TRAINER

A2

Product number

AE411030M



Sectioned and color-coded for training, features a dry single-plate clutch with mechanical foot pedal operation and a manually operated gearbox



AUTOMATIC TRANSMISSION TRAINER

A2

Product number

AE411040M



Automatic transmission cutaway model, manually operated via hand wheel.



4X4 VEHICLE TRANSMISSION ASSEMBLY WITH 5 SPEED GEARBOX

A2

Product number

AE411300M



4x4 vehicle transmission assembly with 5-speed gearbox, 2-speed reduction gear, manual front-wheel drive control, universal drive shafts, and self-locking hypoid differentials.



HEAVY TRUCK GEARBOX ZF 5HP TRAINER

A2

Product number

AE411071M



Heavy truck ZF 5HP gearbox cutaway model with torque converter, hydrodynamic retarder, multi-disc clutches and brakes, oil cooler, and electro-valves.





FULLER 13 SPEED GEARBOX EDUCATIONAL TRAINER

A2

Product number

AE411070M



Fuller 13-speed gearbox cutaway model for 300/400HP heavy vehicles with mechanical and pneumatic controls, featuring selectable speeds and two auxiliary shafts.



GEARBOX WITH TRIPLE REDUCTION GEAR TRAINER

A2

Product number

AE411080M



Gearbox with triple reduction gear cutaway model for heavy vehicles, featuring selectable speeds, manually operated with a hand wheel.



PLANETARY-GEAR EDUCATIONAL TRAINER

A2

Product number

AE410790M



Planetary gear model on stand, showcasing the operating system and gearshift options.



ANGLE REDUCER EDUCATIONAL TRAINER

A3

Product number

AE413092M



Angle reducer cutaway model on stand, with sections painted in different colors for clear, instructional purposes.



WORM GEAR REDUCER

A3

Product number

AE413094M



Worm gear reducer cutaway model on stand, sectioned and color-coded for clear educational use.



SINGLE-STAGE REDUCER

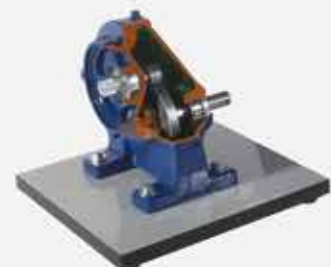
A3

Product number

AE413096M



Single-stage reducer cutaway model on stand, sectioned and color-coded for educational purposes.





SINGLE CYLINDER INJECTION PUMP TRAINER

A1

Product number

AE410230M



Single-cylinder injection pump cutaway model on base, sectioned and color-coded for training purposes.



DIRECT INJECTION 2 STROKE DIESEL ENGINE TRAINER

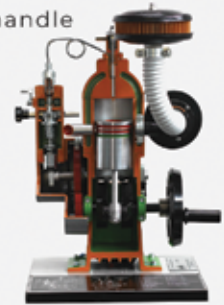
A1

Product number

AE37100M



Direct injection 2-stroke diesel engine cutaway model with injection pump, injector, pre-chamber, glow plug, and cooling system, manually operated with a crank handle and simulated expansion phase using a light bulb.



INJECTION PUMP WITH 6 IN-LINE CYLINDERS TRAINER

A1

Product number

AE410200M



Injection pump with 6 inline cylinders cutaway model featuring small piston, cylinder, sector gear, camshaft, check valve, centrifugal governor, 2 injectors, fuel filter, and pump.



BOSCH INJECTION PUMP WITH 4 IN-LINE CYLINDERS + PNEUMATIC SPEED GOVERNOR

A1

Product number

AE410220M



Bosch injection pump with 4 inline cylinders and pneumatic speed governor, featuring a feeding pump.



DIESEL COMMON-RAIL INJECTION SYSTEM TRAINER

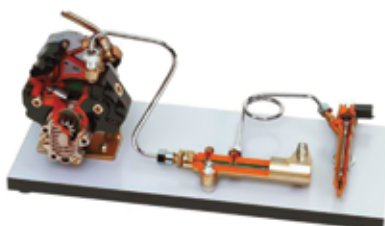
A1

Product number

AE410300M



Featuring a radial piston pump, delivery manifold, and electro-injector, all connected by high-pressure hoses



DIESEL COMMON RAIL INJECTION WITH SOLENOID VALVE

A1

Product number

AE410305S



Diesel Common Rail injector cutaway model with solenoid valve, showcasing key components for educational purposes.





ELECTRICAL FUEL PUMP TRAINER

A1

Product number

AE410380S



Electrical fuel pump cutaway model on base.



CP1 BOSCH HIGH PRESSURE PUMP TRAINER

A1

Product number

AE410104M



Cutaway model for common rail engines, with pressure up to 1350 bar and three fuel-lubricated plungers.



CP3 BOSCH HIGH PRESSURE PUMP TRAINER

A1

Product number

AE410106M



Radial-piston pump cutaway model for common rail engines, with pressure up to 1600 bar, fuel-lubricated, and three plungers.



CP4 BOSCH HIGH PREASSURE PUMP TRAINER

A1

Product number

AE410108M



Radial-piston pump cutaway model for common rail engines, with up to 2000 bar pressure, fuel-lubricated, two plungers.



BOSCH VE ROTARY INJECTION PUMP TRAINER

A1

Product number

AE410240M



Cutaway model with distributor plunger, injection phase, indirect injector.



CAV DPA-DPS ROTARY INJECTION PUMP TRAINER

A1

Product number

AE410250M



Cutaway model, featuring transfer pump, speed governor, automatic advance regulator, hydraulic sensor, fuel circuit, pumping piston, with indirect injector.





DIESEL INJECTION PUMP TRAINER

A1

Product number

AE410180M



6 in-line cylinders, featuring small piston, cylinder, sector gear, rock, camshaft, check valve, and centrifugal governor.



EDUCATIONAL INJECTOR PUMP TRAINER

A1

Product number

AE410110S



Cutaway model for commercial vehicles, shows the electromagnetic valve HD, pumping element, duster, and other components



CAV DPC INJECTION PUMP TRAINER

A1

Product number

AE410260M



Cutaway model, cross-sectioned to display main parts, with an indirect injector, manual operation.



DIESEL INJECTION VP 44 BOSCH PUMP TRAINER

A1

Product number

AE410270M



Cutaway model with distributor plunger, injection phase, electronic control unit.



EDUCATIONAL DIESEL INJECTION TRAINER

A1

Product number

AE410280S



Cutaway model displaying the internal components and operation of both direct and indirect injection types.



DISC AND DRUM BRAKE TRAINER

A5

Product number

AE412030M



Cutaway model showing hydraulic components, including the master cylinder, brake tank, brake lever, caliper, and disc with drum brake inside.





EDUCATIONAL REAR SUSPENSION TRAINER

A4

Product number

AE411204M



Sectioned shock absorbers, springs and brake drums.



HYDRAULIC DUAL CIRCUIT BRAKE WITH SERVO BRAKE

A5

Product number

AE412050M



Cutaway model demonstrating the servo double circuit mechanism, brake pressure, and brake light activation.



REAR AXLE WITH DIFFERENTIAL

A3

Product number

AE411200M



Rigid axle with differential unit, axle shafts, and rear drum brakes, sectioned to display planetary gears, ring gear, pinion, and brake components.



SECTIONED FRONT SUSPENSION UNIT

A4

Product number

AE411210M



McPherson strut front suspension unit with shock absorber, spring, rack and pinion steering box, disc brake, and steering wheel.



HYDRAULIC BRAKE CHASSIS TRAINER

A4

Product number

AE411220M



McPherson suspension, shock absorber, spring, rack and pinion steering box, disc and drum brakes, hydraulic pump, brake lever and steering wheel.



EDUCATIONAL DRUM BRAKE TRAINER

A5

Product number

AE412010M



Cutaway model showing the cylinder and shoes.





PNEUMATIC AIR BRAKE SYSTEM

A5

Product number

AE412065S



Hydro-pneumatic braking system with air compressor, triplex distributor, pressure brake booster, tractor-trailer coupling, hydraulic and air control elements, servo-distributor valve and four air reservoirs.



TRUCK DISC BRAKE WITH PNEUMATIC CONTROL

A5

Product number

AE411197M



Based on Iveco truck, sectioned for training with detailed, color-coded parts.



EV ELECTRIC VEHICLE JUNCTION BOX AND ELECTRIC MOTOREDUCTOR

L3

Product number

AERZ65



Cutaway model featuring detailed internal components covered in plexiglass and color-coded for training.



STARTER MOTOR WITH REDUCTION GEARS

A6

Product number

AE410071M



Cutaway model for passenger cars starter motor with reduction gears.



ALTERNATOR SINGLE-FLOW COOLING

A6

Product number

AE410080M



Cutaway model of alternator single-flow cooling.



12V AGM BATTERY

A6

Product number

AE410041



Cutaway showing the Absorbed Glass Mat type battery used mainly for Start/Stop systems.





ELECTRONIC IGNITION SYSTEM

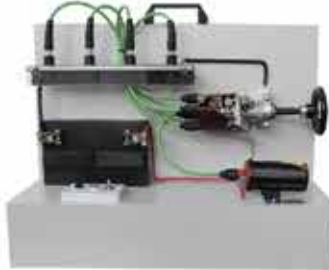
A1

Product number

AE410010E



Cutaway model for a four-cylinder, four-stroke engine with spark plugs, distributor, ignition coil and wiring.



IGNITION SYSTEM

A1

Product number

AE410030



Cutaway model of mechanically timed ignition system for a four-cylinder, four-stroke engine, featuring spark plugs, distributor, ignition coil and wiring.



STARTER MOTOR FOR TRUCKS

A6

Product number

AETS01



Starter motor cutaway model for trucks.



TRUCKS ENGINE ALTERNATOR

A6

Product number

AESALT01



Truck engine alternator cutaway model.



TORSEN DIFFERENTIAL

A3

Product number

AE411270M



Cutaway model, showcasing a bevel gear pair differential assembly that operates on the worm screw principle, used in high-end 4x4 vehicles.



HYPOID DIFFERENTIAL

A3

Product number

AE411280M



Cutaway model of hypoid differential.





BEVEL HELICAL REDUCER

A3

Product number

AE413110M



Bevel helical reducer cutaway model on base, manually operated.



HYDRAULIC SHOCK ABSORBER

A4

Product number

AE410636



McPherson-type hydraulic shock absorber cutaway model with damper spring.



GAS SHOCK ABSORBER

A4

Product number

AE410638



Gas shock absorber cutaway model



TRUCK SHOCK ABSORBER

A4

Product number

AETSA01



Truck shock absorber cutaway model.



AIR CONDITIONING SYSTEM

A7

Product number

AE410650M



Cutaway model, featuring radial piston compressor, condenser, filter, expansion valve, evaporator, electric fans, and high/low pressure hoses for manual operation.



RACK AND PINION STEERING BOX

A4

Product number

AE410730M



Rack and pinion steering box cutaway model.





ELECTRICAL RACK AND PINION STEERING

A4

Product number

AE410782M



Electrical rack and pinion steering cutaway model.



POWER STEERING WITH RE-CIRCULATING BALL SYSTEM

A4

Product number

AE410750



Cutaway model showing the mechanical steering system with rotating handle, ball type steering box, hydraulic vane pump, oil filter, and connecting pipes.



ELECTRIC POWER ASSISTED STEERING (EPS)

A4

Product number

AE410778E



Adjustable steering effort, vehicle speed simulation (0 to 120 km/h), normal/city modes, alternator simulation, indicator lamp, voltage/current display, diagnostic socket.



PRESSURE SERVOBRAKE CUTAWAY EDUCATIONAL TRAINER

A5

Product number

AE412070



This trainer features a detailed section of a piston servo brake, specifically designed for trucks, and includes a complete brake pump. The model is precision-sectioned for instructional clarity, with each component professionally painted in different colors for easy identification. Key parts are chromium-plated and galvanized, ensuring durability and extended use in educational environments.



PETROL(GASOLINE) MULTI-POINT ENGINE CHASSIS

Product number

AE35274E



Trainer built on a Fiat chassis, featuring a 1200 cm³, 4-cylinder petrol engine with an electronic Multi-Point Injection (MPI) system, a 5-speed gearbox with differential, and a double circuit brake system. The model includes front-disc and rear-drum brakes, a fully functional front and rear light system, engine, lubrication, fuel, and cooling systems.





ELECTRONIC INJECTION MPI ENGINE WITH PETROL(GASOLINE)/LPG SYSTEM CUTAWAY MODEL

A1

Product number

AE44300M



The electronic injection multipoint engine with petrol/LPG feeding system trainer is an advanced educational tool designed for comprehensive training in engine technology. The engine can be manually turned to observe the movement of internal elements like the cylinder pistons, valves, and crankshaft in action, providing a dynamic understanding of engine operation.



PETROL(GASOLINE) ENGINE WITH DIRECT INJECTION 16 VALVES MPI

A1

Product number

AE44600E/F



The petrol engine with direct injection features a 4-cylinder, 16-valve configuration, incorporating a multi-point electronic injection system. This model is based on Audi/VW engine systems. Designed for high performance and compliance with strict emission standards, it includes a DOHC twin overhead camshaft and water cooling system.



PETROL(GASOLINE) ENGINE WITH DIRECT INJECTION 16 VALVES GDI

A1

Product number

AE44600E/G



The petrol engine with direct injection features a 4-cylinder, 16-valve configuration, incorporating a GDI injection system. This model is made from Mitsubishi GDI engine systems. Designed for high performance and compliance with strict emission standards, it includes a DOHC twin overhead camshaft and water cooling system.



PETROL(GASOLINE) ENGINE WITH DIRECT INJECTION 16 VALVES MPI

A1

Product number

AE44601M/F



The petrol engine with direct injection features a 4-cylinder, 16-valve configuration, incorporating a multi-point electronic injection system. This model is based on Audi/VW engine systems.



PETROL(GASOLINE) ENGINE WITH DIRECT INJECTION 16 VALVES GDI

A1

Product number

AE44601M/G



The petrol engine with direct injection features a 4-cylinder, 16-valve configuration, incorporating a GDI injection system. This model is made from Mitsubishi GDI engine systems.



RACK AND PINION STEERING TRAINER

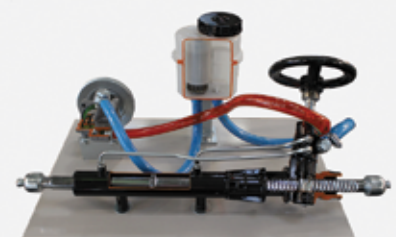
A4

Product number

AE410760M



Educational model designed for in-depth analysis of steering systems. Featuring sectioned components, this trainer highlights the rack and pinion gear-set, color-coded to differentiate key parts like the steering rack, pinion gear, axial rods, and tie rods.



HYBRID SYSTEM PETROL(GASOLINE)/ ELECTRIC SYSTEM CUTAWAY

A1

Product number

AE34501WM



The trainer allows electric rotation of the engine and generator, enabling hands-on learning of hybrid technology, energy recovery, brake systems, suspension integration, and efficient power transfer through its advanced transmission components and differential group.



PETROL(GASOLINE) ENGINE WITH GEARBOX CUTAWAY

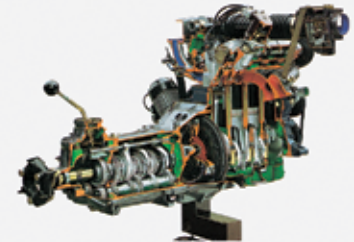
A1

Product number

AE45152E



Fiat 4-cylinder petrol (gasoline) engine trainer, L-Jetronic electronic injection, 5-speed gearbox, front-wheel drive, electrically operated at 220 volts.



PETROL(GASOLINE) ENGINE WITH MPI INJECTION CUTAWAY

A1

Product number

AE45166E



VW 4-cylinder petrol(gasoline) engine trainer with MPI injection system, overhead camshaft, toothed belt distribution, operates on 220 volts at reduced speed, and includes a gearbox with 5 forward speeds plus reverse.



6 CYLINDERS PETROL(GASOLINE) ENGINE WITH L-JETRONIC INJECTION CUTAWAY

A1

Product number

AE45170E



BMW 6-cylinder petrol(gasoline) engine trainer with L-JETRONIC injection system, overhead camshaft, operates on 220 volts at reduced speed, and includes a gearbox with 5 forward speeds plus reverse.



PETROL(GASOLINE) ENGINE WITH VVT.I INJECTION CUTAWAY

A1

Product number

AE45181M/E



4 cylinders, 1000-1300 cc displacement, DOHC with VVT.I electronically controlled intake valves, multi-point electronic injection. Operates on 220 volts or manual by handle.





PETROL (GASOLINE) ENGINE WITH MPI FUEL INJECTION

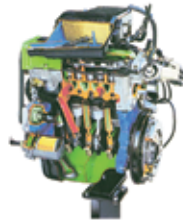
A1

Product number

AE45212IEE



Cutaway view of a 4-cylinder, 1245 cc petrol (gasoline) engine with electronic multi-point fuel injection and electronic ignition. The engine operates electrically at 220V, allowing for safe and controlled observation of internal components and operational principles. Visible key components of the cylinder block, crankshaft, camshaft, valves, pistons, connecting rods, timing belt, fuel injectors, ignition coils, and spark plugs.



PETROL (GASOLINE) ENGINE WITH MPI FUEL INJECTION

A1

Product number

AE45212IEM



The engine operates manually with handle, allowing for safe and controlled observation of internal components and operational principles. Visible key components of the cylinder block, crankshaft, camshaft, valves, pistons, connecting rods, timing belt, fuel injectors, ignition coils, and spark plugs.



PETROL(GASOLINE) MPI ENGINE CHASSIS WITH ABS

Product number

AE45273E

This tool also includes hydraulic power steering, a catalytic converter with an oxygen sensor, a 5-speed gearbox plus reverse, ABS braking with four sensors, and McPherson independent suspension systems. It is designed for real-world training applications, running on 220-volt power to operate at a reduced speed for easy observation of mechanical parts in action.



PETROL(GASOLINE) MPI ENGINE WITH WORKING BRAKES SYSTEM

Product number

AE45275E

The model includes full suspension, steering, gearbox, front-disc and rear-drum brakes and is mounted on a mobile stand with exposed sections for detailed examination of engine, lubrication, fuel, and cooling systems.



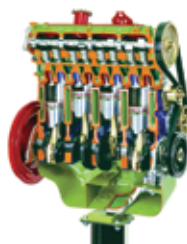
ENGINE WITH OVERHEAD CAMSHAFT AND TOOTHED TIMING BELT

A1

Product number

AE45440M

4-stroke petrol (gasoline) engine cutaway educational trainer features four in-line cylinders and an overhead camshaft (OHC) system. The engine is sectioned to display all essential components including valves, camshaft, pistons, crankshaft, lubricating circuits, fuel system, and cooling system. Manual crank handle allows users to clearly analyze engine movements and operations.



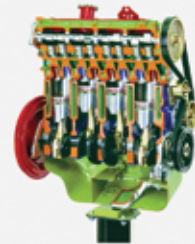
ENGINE WITH DOUBLE OVERHEAD CAMSHAFT CUTAWAY

A1

Product number

AE45445M

4-stroke, 4-cylinder, DOHC petrol (gasoline) engine trainer is a valuable educational tool designed to provide practical experience with internal combustion engine principles. The cutaway design allows for a clear view of essential components, including the valve train, camshaft, pistons, and crankshaft.





ENGINE WITH OVERHEAD VALVE AND TIMING CHAIN

A1

Product number
AE45450M

Educational cutaway training tool is a 4-stroke, 4-cylinder, overhead camshaft (OHC) petrol (gasoline) engine, designed to provide practical learning experiences in automotive technology. The engine is sectioned to expose internal components, allowing for a clear understanding of engine operation and maintenance procedures.



ENGINE WITH TURBO DIESEL COMMON-RAIL

A1/A2

Product number
AE46017E

8 valve engine with turbo diesel common rail and with front drive gearbox 5 speeds + reverse + differential cutaway model.



4 CYLINDER DIESEL ENGINE CUTAWAY MODEL

A1

Product number
AE46065M



4 CYLINDER FWD DIESEL ENGINE WITH CLUTCH AND GEARBOX CUTAWAY

A1/A2

Product number
AE46068E



4 CYLINDER RWD DIESEL ENGINE WITH CLUTCH AND GEARBOX CUTAWAY

A1/A2

Product number
AE46071E





DISASSEMBLING AND ASSEMBLING MODELS





PETROL(GASOLINE) FSI ENGINE

A1

Product number

VIVV01-FSI



Petrol(gasoline) FSI engine for disassembly and assembly, mounted on a manually rotating stand with worm and wheel gearboxes.



TURBO DIESEL ENGINE WITH VE/ER PUMP

A1

Product number

VIVV01-VETDI



Diesel engine with VE/VR pump and turbo, complete with timing and auxiliary belt, on a mobile, manually rotating stand with 4 castors.



TURBO DIESEL DOHC SLIT ENGINE

A1

Product number

IVD-SPLIT



Turbo Diesel DOHC engine, 6 cylinders inline, split version on a manually rotating stand. Features a cutaway of 3 cylinders, Common Rail pump, and injector.



GEARBOXES EDUCATIONAL TRAINER

A2

Product number

GDIVV01



Gearboxes for disassembly and assembly, including various configurations (4, 5, 6-speed, automatic, DSG, multitronic, variable, and others upon request), mounted on a manually rotating stand with worm and wheel gearboxes.



DSG GEARBOX EDUCATIONAL TRAINER

A2

Product number

GDIVV01-DSG



DSG transmission with two-disc dry clutch for disassembly and assembly, torque range of 240 to 280 Nm, front-wheel drive, mounted on a manually rotating stand with worm and wheel gearboxes.



GEARBOXES EDUCATIONAL TRAINER

A2

Product number

GDVV01-CVT



Automatic CVT Multitronic gearbox for disassembly and assembly, mounted on a manually rotating stand with worm and wheel gearboxes.





TURBO DIESEL ENGINE WITH VE/ER PUMP TRAINER

A1

Product number

VIVI01-VETDI



Turbo diesel engine with VE/ER pump for disassembly and assembly, featuring a complete timing and auxiliary belt, mounted on a manually rotating stand with worm and wheel gearboxes.



DIESEL CR TURBO ENGINE EDUCATIONAL TRAINER

A1

Product number

VIVV01-RHX



Diesel CR turbo engine for disassembly and assembly, featuring a CR fuel supply system and turbo, complete with timing and auxiliary belts, mounted on a manually rotating stand with worm and wheel gearboxes.



PETROL(GASOLINE) MPI ENGINE

A1

Product number

VIVV01-ADR



Petrol(gasoline) MPI engine for disassembly and assembly, featuring an MPI fuel supply system and complete timing and auxiliary belts, mounted on a manually rotating stand with worm and wheel gearboxes.



ENGINE

A1

Product number

VIVV01



Diesel or petrol(gasoline) engines with various fuel supply systems (MPI, FSI, GDI, CR, VE, etc.), mounted on a manually rotating stand with worm and wheel gearboxes, and mobile with 4 castors.



PETROL(GASOLINE) MPI TURBO ENGINE

A1

Product number

VIVV01-ADRT



Petrol MPI Turbo Engine for disassembly and assembly, featuring an MPI fuel system and turbo, with complete timing and auxiliary belt, mounted on a manually rotating stand with worm and wheel gearboxes.



PETROL(GASOLINE) GDI ENGINE

A1

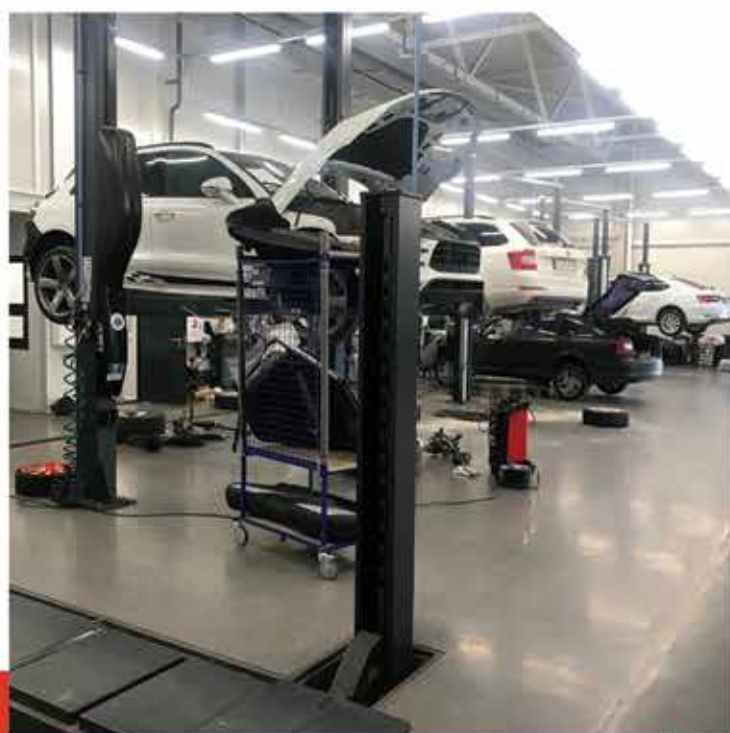
Product number

VIVV01-GDI



Engine with GDI direct petrol(gasoline) injection for disassembly and assembly, featuring complete timing and auxiliary belts, mounted on a manually rotating stand with worm and wheel gearboxes.





SERVICE EQUIPMENT





DIAGNOSTIC SCAN TOOL FOXWELL

Product number

NT680

- Diagnostics for over 69 vehicle brands with real time data.
- Features oil service reset, EPB support, and MIL code decoding.
- Durable, user-friendly with a 4.3" screen and free updates.



DIAGNOSTIC SCAN TOOL FOXWELL

Product number

NT680PRO

- Reads and decodes error codes, disables MIL, and offers advanced servicing like DPF and gearbox updates.
- Displays real-time sensor data, with dual-graph view and multilingual support.
- Durable, easy-to-use with a 4.3" screen and free lifetime updates.



DIAGNOSTIC SCAN TOOL ICON VCI AUTOCOM

Product number

W072063300

- Diagnostics for cars, trucks, electric, and hybrid models with AutoVIN and Quick Connect Bluetooth.
- CAN-FD, DoIP with 35,000 system selections for cars and 18,000 for trucks.
- Durable, dust and moisture-resistant design.



DIAGNOSTIC SCAN TOOL TEXA NAVIGATOR TXT MULTIHUB

Product number

D155A0

- Diagnostics for traditional, hybrid, and electric vehicles using CAN, DoIP, and Pass-Thru protocols.
- Wireless connectivity with Wi-Fi, Bluetooth, and Ethernet, integrated with TEXA's diagnostic software.
- IP53, MIL-STD 810G certified with OLED display.





TWO POST LIFT 4.0T



Product number

AQ42E

High-capacity, electro-hydraulic lift with a 4000 kg lifting capability. It features electric lock release, electromagnetic fixators, and a two-cylinder system for smooth, stable operation. Adjustable three-position arms accommodate various vehicle types, making it suitable for automotive training and workshop environments.

Specifications

- Lifting capacity: 4000 kg
- Electric lock release
- Three-position arms: short 684-1025 mm, long 700-1400 mm
- Lifting height: 105-1800 mm
- Overall height: 2826 mm
- Width between columns: 2820 mm
- Passage width: 2576 mm
- Overall width: 3420 mm
- Motor power: 2.2 kW
- Two-column electro-hydraulic system
- Two-cylinder lifting mechanism



TWO POST LIFT 4.0T

Product number

AAQ41M

The 4.0T AQ41M is a two post lift with a 4000 kg capacity, featuring a mechanical safety locking mechanism and a two-cylinder system for stable, smooth lifting and lowering. Equipped with adjustable three-position arms, it accommodates a wide range of vehicle types. The design includes strong cables to ensure level lifting and a spacious layout for comfortable vehicle access, making it ideal for automotive maintenance and training environments.

Specifications

- Lifting capacity: 4000 kg
- Mechanical safety locking mechanism
- Arm lengths: 700-1400 mm (short and long, three positions)
- Lifting height: 105-1900 mm
- Overall height: 2826 mm
- Width between columns: 2820 mm
- Overall width: 3420 mm
- Motor power: 2.2 kW
- Power supply: 380 V
- Two-cylinder lifting system
- CE Declaration of Conformity
- Suitable for passenger cars, commercial vehicles, 4x4, and all-road vehicles





FOUR POST LIFT FOR WHEEL ALIGNER 5.0T



Product number

AQ5050M

The AQ5050M is a four post lift with a 5000 kg capacity, designed for precise wheel alignment. It features adjustable runways, a jacking beam, and a 2.2 kW motor, providing reliable lifting up to 1800 mm. Suitable for various vehicle types, it ensures stable and efficient alignment operations.

Specifications

- Lifting capacity (kg) Max 5000
- Lifting time range (S) 40 - 50
- Power supply (V) 380
- Power rate (KW) 2.2
- Lifting height (mm) Max-1800 Min-245
- Runway (mm) Width-550 Length-5000
- Distance between runway 880-1200mm

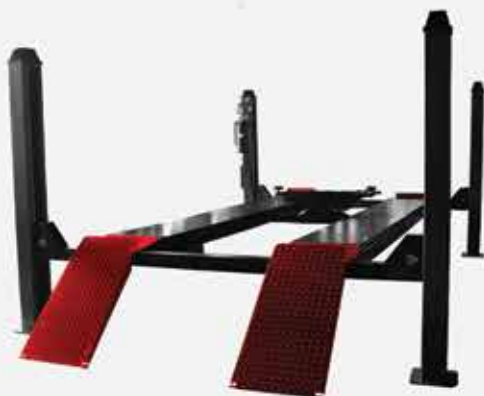


FOUR POST LIFT FOR WHEEL ALIGNER 5.0T

Product number

AQ5550M

Four post lift with a 5500 kg capacity, tailored for wheel alignment tasks. It features a 2.2 kW motor, adjustable runways, and a jacking beam, allowing for efficient lifting up to 1800 mm. Ideal for diverse vehicle alignment and maintenance applications.



Specifications

- Lifting capacity (kg) Max 5500
- Lifting time range (S) 40 - 50
- Power supply (V) 380
- Power rate (KW) 2.2
- Lifting height (mm) Max-1800 Min-245
- Runway (mm) Width-550 Length-5500
- Distance between runway 880-1200mm



DOUBLE SCISSOR INGROUND LIFT 3.5T

Product number

AQL3500C

- 3500 kg capacity and 2150 mm lifting height.
- Adjustable platform length and quick 55-60s lifting time.
- Powered by a 2.2 kW motor.



DOUBLE SCISSOR INGROUND LIFT 3.0T

Product number

AQL3500

- 3000 kg capacity and 1800 mm lifting height.
- Adjustable platform length (1520-2020 mm) with a quick 50s lifting time.
- Powered by 380V.



LOW-RISE SCISSOR LIFT

Product number

AQ3000ESA

- 3000 kg capacity, 1000 mm lifting height.
- Electrical release safety latches.
- 50s lifting time with a 2.2 kW motor.



PROPULSION SYSTEM LIFT

Product number

AQVL1.2

- 1200 kg propulsion lift, height (660-1915 mm), 0.75 kW motor.
- Adjustable pads.





AUTOMATIC TILT-BACK CAR TYRE CHANGER

Product number

AQ808B+B350

- Automatic tilt-back, 11"-23" outside and 13"-25" inside clamping range.
- Up to 1040 mm diameter, operating at 8-10 bar pressure.
- Powered by a 0.75 kW motor.



AUTOMATIC TILT-BACK CAR TYRE CHANGER

Product number

AQ908B+B350+L

- Automatic tilt-back, 12"-26" clamping range, up to 1180 mm in diameter.
- Operates at 8-10 bar pressure with a 0.75 kW motor.
- Accommodates wheels up to 450 mm in width.



SEMI-AUTOMATIC CAR WHEEL BALANCER

Product number

AQ60A

- 10"-28" rim diameter range and up to 1000 mm tire diameter.
- Balances tires up to 70 kg with $\pm 1g$ accuracy at 200 rpm.
- Powered by a 250W motor.



LCD SCREEN CAR WHEEL BALANCER

Product number

AQ80C

- LCD screen, 8"-30" rim diameters and 1000 mm tire diameter.
- Balances up to 70 kg tires with $\pm 1g$ accuracy at 200 rpm.
- Powered by a 250W motor.





FILLED TOOL TROLLEY 7 DRAWER WITH 134PSC TOOLS

Product number
AQT7134

- 134pcs Tool Cabinet
- 7-Drawer Ball-Bearing



GARAGE STORAGE SYSTEMS 4 PARTS, WITH TOOL TROLLEY

Product number
AQ02BK



GARAGE STORAGE SYSTEM 3 PARTS

Product number
AQ01BK



AIR COMPRESSOR

Product number
AQC0.6

- Belt-type, 4.0 kW motor, 600 L/min capacity, 300-liter tank.
- 0.8 MPa with a max pressure of 1.0 MPa.



OIL CHANGER

Product number
AQOD90

- 90-liter tank, corrosion-resistant tubing, adjustable collection bowls.
- Suction speed of 1.5-2 lpm, for oil temperatures of 70-80°C.



ANTI-IMPACT WORK LIGHT LED

Product number
AQ3001

- 130-lumen SMD LED flashlight and 260/620-lumen COB LED floodlight.
- 3.7V 2600mAh Li-ion battery, up to 10h 30mins.
- IP54 weatherproof and IK07 impact-resistant.





INFORMATION OF THE COMPANY

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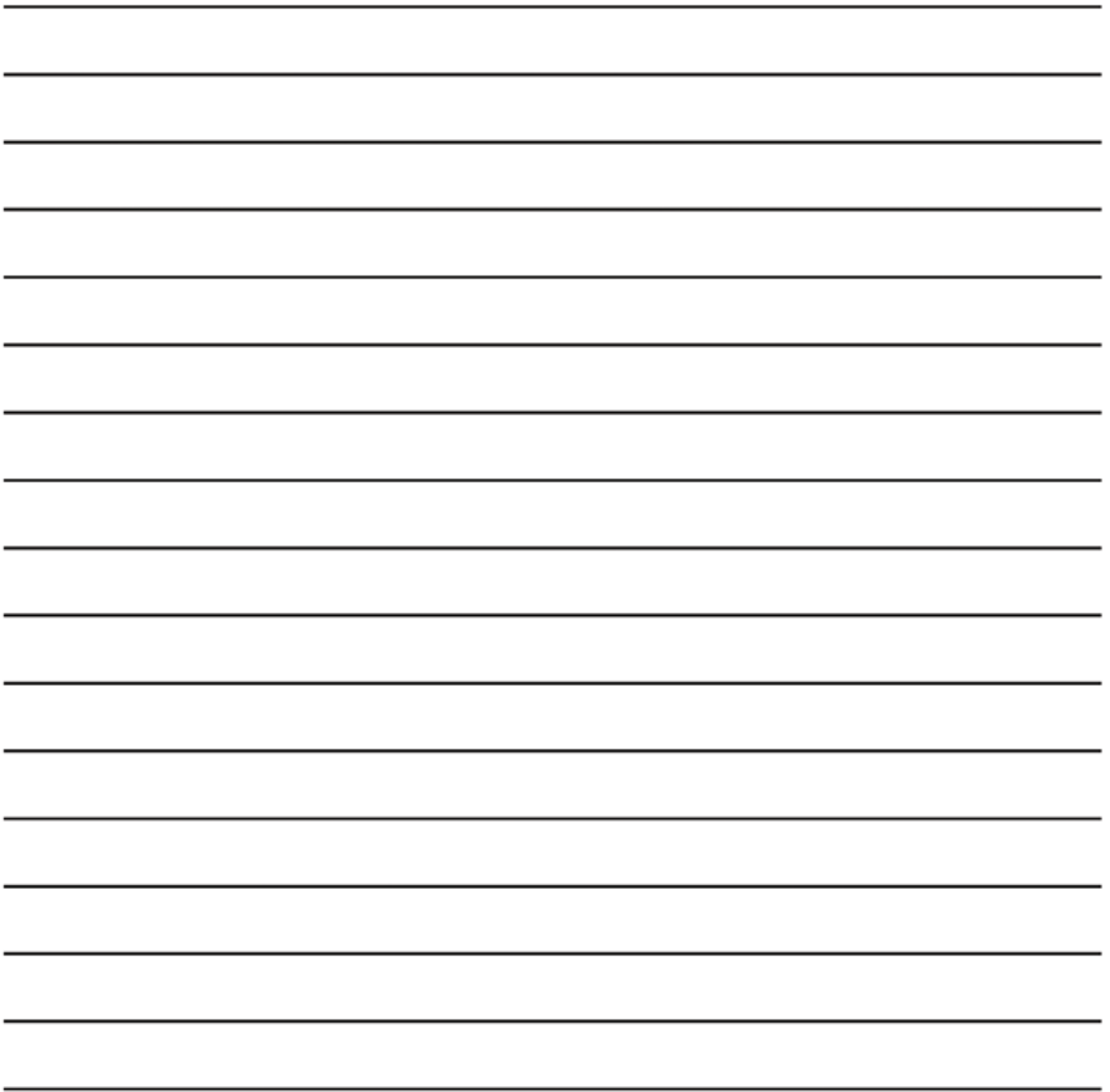
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AUTOEDU EXPORT MAP



NOTES





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