

TEKNIK KENDARAAN RINGAN



CAR TRAINER TOYOTA PRIUS HYBRID SMART VEHICLE - KODE : CT - TPHS

Chasis, Engine, Sistem pendingin, Sistem pengapian, sistem pengisian, panel Instrumen, power steering, powertrain, Suspensi rear & axle, Roda, Sistem pembuangan, Car electrical body, sistem penggerak .1 tempat duduk. Monitor LED 32"+CPU, AC (Air Conditioner)

MESIN 1 NZ-FX TOYOTA PRIUS 1600cc Hybrid
Hybride Teknologi, VVT-i DOHC (Double over Head Camshaft) Direct Fire Ignition, Sistem Bahan Bakar D jetronik Sistem Pengisian, Hybride Vehicle Batere. Auxiliary Batere, Sistem pengisian inverter

Transmisi Automatic, FWD (Fret Wheel Drive), Hidrolik. bester rem, Roda depan Disk brake, roda belakang Disk Brake, Rack and Pinion Electrical Power steering CEPS) Jack stand Rekondisi



CAR TRAINER TOYOTA DOHC ENGINE VVT-I - KODE : CT - TDEV

Chasis, Engine, Sistem pendingin, Sistem pengapian, sistem pengisian panel instrumen, power train, Suspensi, Rear and Axle, powersteering roda, Sistem pembuangan, car electrical body, sistem penggerak 2 tempat duduk

MESIN TOYOTA 1000 - 1300CC
4 Tak 4 Cylinder segaris, 16 katup Valve Sistem DOHC (Double Over Head Camshaft), DFI (Direct Fire Ignition), Sistem VVT-i (Variable Valve Timing Intelegant), Sistem Bahan bakar EFI D Jetronik, Sistem Pengisian Alternator IC, Sistem Pendingin Air, OBD II Connector to SCAN, With Oxigen sensor.

Transmisi Manual 5 speed 1 mundur, FWD (Fret Wheel Drive), Hidrolik, bester rem, Roda depan Disk brake, roda belakang Drum Brake, Rack and Pinion Power steering, Jack stand Rekondisi



CAR TRAINER TOYOTA ENGINE 5A-FE - KODE : CT - TE5

Chasis, Engine, Sistem pendingin, Sistem pengapian, sistem pengisian, Panel Instrumen, power steering, powertrain, suspensi, rear & axle, Roda, Sistem pembuangan, Car electrical body, sistem penggerak 2 tempat duduk .

MESIN 5A-FE TOYOTA GREAT 1600CC
4 Tak 4 Cylinder segaris, Valve Sistem DOHC (Double Over Head Camshaft), Distributor With Coil (II A), Sistem EFI (Elektrik Fuel Injection), Sistem Bohan bakar EFI D Jetronik. Sistem Pengisian Alte-nator IC, Sistem Pendingin Air, Diagnosis to connector SCAN. Oxigen sensor.

Transmisi Automatic, FWD (Front Wheel Drive), Hidrolik. bester rem, Roda depan Disk brake, roda belakang Drum Brake, Rack and Pinion Power steering, Jack stand Rekondisi.



CAR TRAINER TOYOTA AVANZA ENGINE VVTi - KODE : CT - TAEV

Chasis, Engine, Sistem pendingin, Sistem pengapian. sistem pengisian panel instrumen. power train, Suspensi, Rear and Axle, powersteering roda, Sistem pembuangan, car electrical body, sistem penggerak 2 tempat duduk .

MESIN 3K-FE TOYOTA AVANZA I 300CC
4 Tak 4 Cylinder segaris, 16 katup Valve Sistem DOHC (Double Over Head Camshaft), DFI (Direct Fire Ignition). Sistem VVT-i (Variable Valve Timing Intelegant), Sistem Bohan bakar EFI D Jetronik, Sistem Pengisian Alternator IC, Sistem Pendingin Air, OBD II Connector to SCAN, With Oxigen sensor.

Transmisi Manual 5 speed 1 mundur, RWD (Rear Wheel Drive). Hidrolik, baster rem. Roda depan Disk brake, roda belakang Drum Brake, Rack and Pinion Power steering, Jack stand Rekondisi.

TEKNIK KENDARAAN RINGAN



CAR TRAINER TOYOTA ENGINE 7K-E - KODE : CT - TE7K - E

Chasis, Engine, Sistem pendingin, Sistem pengapian, Sistem pengisian panel instrumen, Power train, Suspensi, Rear and Axle, Powersteering roda, Sistem pembuangan, Car electrical body, Sistem penggerak 2 tempat duduk.

MESIN TOYOTA 7K-E 1800 cc segaris, Sistem bahan bakar EFI, Sistem pendingin Air, Sistem pengisian Alternator IC, Sistem pengapian CDI, Valve hydraulic

Transmisi Manual 5 speed 1 Mundur, RWD C Rear Wheel Drive), Hidrolik, booster rem, Roda depan Disk brake, roda belakang Drum Brake, Rack and Pinion Power steering, Jack stand Rekondisi



CAR TRAINER TOYOTA ENGINE 7K - KODE : CT - TE7K

Chasis, Engine, Sistem pendingin, Sistem pengapian, Sistem pengisian panel instrumen, Power train, Suspensi, Rear and Axle, Powersteering roda, Sistem pembuangan, Car electrical body, Sistem penggerak 2 tempat duduk .

MESIN TOYOTA 7K 1800 cc Segaris, Sistem klep OHV. Sistem bahan bakar EFI, Sistem pendingin Air, Sistem pengisian Alternator IC, Sistem pengapian CDI.

Transmisi Manual 5 speed 1 Mundur, RWD C Rear Wheel Drive), Hidrolik, booster rem, Roda depan Disk brake, roda belakang Drum Brake, Rack and Pinion Power steering, Jack stand Rekondisi



CAR TRAINER TOYOTA KIJANG DIESEL ENGINE - KODE : CT - TKDE

Chasis, Engine, Sistem pendingin, Sistem pengapian, Sistem pengisian panel instrumen, Power train, Suspensi, Rear and Axle, Powersteering roda, Sistem pembuangan, Car electrical body, Sistem penggerak 2 tempat duduk

MESIN TOYOTA 2 L 2500 cc Segaris, Sistem klep OHV. Sistem bahan bakar Rotary, Sistem pendingin Air, Sistem pengisian Alternator IC, Sistem pemanas Glow plug

Transmisi Manual 5 speed 1 Mundur, RWD C Rear Wheel Drive), Hidrolik, booster rem, Roda depan Disk brake, roda belakang Drum Brake, Rack and Pinion Power steering, Jack stand Rekondisi



CAR TRAINER TOYOTA INNOVA GASOLINE ENGINE - KODE : CT - TIGE

Chasis, Engine, Sistem pendingin, Sistem pengapian, Sistem pengisian panel instrumen, Power train, Suspensi, Rear and Axle, Powersteering roda, Sistem pembuangan, Car electrical body, Sistem penggerak 2 tempat duduk.

MESIN TOYOTA ITR 2000 cc

4 Tak 4 Cylinder segaris, 16 katup Valve Sistem DOHC (Double Over Head Camshaft), DFI (Direct Fire Ignition), Sistem VVT-i (Variable Valve Timing Intelegent). Sistem bahan bakar EFI D Jetronik,- Sistem Pengisian Alternator IC, Sistem Pendingin Air, 08D II Connector to SCAN. With Oxigen sense

Transmisi Manual 5 speed 1 Mundur, RWD C Rear Wheel Drive), Hidrolik. booster rem, Roda depan Disk brake. roda belakang Drum Brake. Rack and Pinion Power steering, Jack stand Rekondisi

TEKNIK KENDARAAN RINGAN



CAR TRAINER TOYOTA INNOVA DIESEL ENGINE - KODE : CT - TIDE

Chasis, Engine, Sistem pendingin, Sistem pengapian, Sistem pengisian panel instrumen, Power train, Suspensi, Rear and Axle, Powersteering roda, Sistem pembuangan, Car electrical body, Sistem penggerak 2 tempat duduk .

MESIN TOYOTA 2KD 2500 cc

D4-D,SOHC. Sistem Bohan bait.or inieksi CommonRail,Sistem pendingin Air,Sistempengisian Altenator IC,

Transmisi Manual 5 speed I Mundur, RWD C Rear Wheel Drive), Hidrolik, boster rem, Roda depan Disk brake, roda belakang Drum Brake, Rack and Pinion Power steering,Jack stand Rekondisi.



CAR TRAINER SUZUKI GASOLINE ENGINE - KODE : CT - SGE

Chasis, Engine, Sistem pendingin, Sistem pengapian, Sistem pengisian panel instrumen, Power train, Suspensi, Rear and Axle, Powersteering roda, Sistem pembuangan, Car electrical body, Sistem penggerak . 1 tempat duduk .

MESIN SUZUKI 1 ST 1300 cc

4 Langkah 4 Cylinder segaris.Sistem Bohan bakar Karburator. Sistem pendingin Air,Sistem pengisian Altenator IC, Sistem Pengapian CDI

Transmisi Manual 5 speed I Mundur, RWD C Rear Wheel Drive), Hidrolik, boster rem, Roda depan Disk brake, roda belakang Drum Brake, Rack Gear Box, Jack stand Rekondisi.



TRAINER TOYOTA GASOLINE ENGINE 5A/4A-FE 1500 CC - KODE : TR - TGE51

MESIN TOYOTA 5A-FE 1500 cc

4 Tak 4 Cylinder segaris, Valve Sistem DOHC (Double Over Head Camshaft), Distributor With Coil (II A), Sistem EFI (Elektrik Fuel Injection), Sistem Bohan bakar EFI D Jetronik. Sistem Pengisian Altenator IC, Sistem Pendingin Air, Diagnosis to connector SCAN. Oxigen sensor

COMBINATION METER ORIGINAL

Tacho Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Temperature Gauge.

Fuel Pressure Gauge, Fuel Tank 5 liter, Switch Emerergency, Fire Stop. Baterai 12 Volt 45 AhRangka Standar ASTRA, Roda Stand Teflon 4". Dimensi : hollo 2mm 160 x 90 x 90 / Menyesuaikan Rekondisi



TRAINER TOYOTA GASOLINE ENGINE 7K-EFI 1800 CC - KODE : TR - TGE71

MESIN TOYOTA 7K-E 1800 cc

4 Tak 4 Cylinder segaris, Valve Sistem Hydraulic, Sistem EFI (Elektrik Fuel Injection), Sistem Bohan bakar EFI D Jetronik. Sistem Pengisian Altenator IC, Sistem Pendingin Air. Diagnosis to connector SCAN. Oxigen Sensor

COMBINATION METER ORIGINAL

Tacho Meter RPM. Charge Indicator, Oil indicator. Check Engine Indicator. Fuel & Temperature Gauge.

Fuel Pressure Gauge, Fuel Tank 5 liter. Switch Emerergency, Fire Stop. Baterai 12 Volt 45 Ah. Rangka Standar ASTRA. Roda Stand Teflon 4". Dimensi : hollo 2mm 160 x 90 x 90 / Menyesuaikan Rekondisi

TEKNIK KENDARAAN RINGAN



TRAINER TOYOTA AVANZA GASOLINE ENGINE K3 VVTi - KODE : TR - TAGEK

MESIN TOYOTA Avanza K3 -VE 1300 cc

4 Tak 4 Cylinder segaris, 16 katup Valve Sistem DOHC (Double Over Head Camshaft), DFI (Direct Fire Ignition), Sistem VVT-i (Variable Valve Timing Intelegent), Sistem Bohan bakar EFI D Jetronik, Sistem Pengisian Alternator IC, Sistem Pendingin Air, OBD II Connector to SCAN, With Oxygen sensor.

COMBINATION METER ORIGINAL

Tacho Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Temperature Gauge.

Fuel Pressure Gauge, Fuel Tank 5 Liter, Switch Emergency, Fire Stop. Baterai 12 Volt 45 Ah. Rangka Standar ASTRA, Roda Stand Teflon 4". Dimensi : hollo 2mm 160 x 80 x 90/ Menyesuaikan Rekondisi



TRAINER OVER HAUL AVANZA GASOLINE ENGINE K3 VVTi - KODE : TR - OHTAG

MESIN TOYOTA Avanza K3 -VE 1300 cc

4 Tak 4 Cylinder segaris, 16 katup Valve Sistem DOHC (Double Over Head Camshaft), DFI (Direct Fire Ignition), Sistem VVT-i (Variable Valve Timing Intelegent), Sistem Bohan bakar EFI D Jetronik, Sistem Pengisian Alternator IC, Sistem Pendingin Air, OBD II Connector to SCAN, With Oxygen sensor.

COMBINATION METER ORIGINAL

Tacho Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Temperature Gauge.

Fuel Pressure Gauge, Fuel Tank 5 liter, Baterai 12 Volt 45Ah. Rangka Stand Engine Over Haul. Stand Rotary Dapat diputar 360 derajat. Dengan Gear box 1 90 Roda Stand Teflon 4", Dimensi: hollo 2mm 160 x 80 x 90/ Menyesuaikan Rekondisi



TRAINER AVANZA GASOLINE ENGINE K3 VVTi + TRANSMITION - KODE : TR - TAGEKT

MESIN TOYOTA Avanza K3 -VE 1300 cc

4 Tak 4 Cylinder segaris, 16 katup Valve Sistem DOHC (Double Over Head Camshaft), DFI (Direct Fire Ignition), Sistem VVT-i (Variable Valve Timing Intelegent), Sistem Bohan bakar EFI D Jetronik, Sistem Pengisian Alternator IC, Sistem Pendingin Air, OBD II Connector to SCAN, Transmisi ECT (Electronic Control Speed) 4 Speed, With Oxygen sensor.

COMBINATION METER ORIGINAL

Tacho Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Temperature Gauge.

Fuel Pressure Gauge, Oil Matic Pressure Gauge & vacuum Fuel Tank 5 Liter, Switch Emergency, Fire Stop. Baterai 12 Volt 45 Ah. Rangka Standar ASTRA, Roda Stand Teflon 4". Dimensi : hollo 2mm 160 x 100 x 110/ Menyesuaikan Rekondisi



TRAINER TOYOTA GASOLINE ENGINE 1NZ-FE 1500 CC VVTi - KODE : TR - TGE1NZ

MESIN TOYOTA 1NZ-FE 1500 cc

4 Tak 4 Cylinder segaris, 16 katup Valve Sistem DOHC (Double Over Head Camshaft), DFI (Direct Fire Ignition), Sistem VVT-i (Variable Valve Timing Intelegent), Sistem Bohan bakar EFI D Jetronik, Sistem Pengisian Alternator IC, Sistem Pendingin Air, OBD II Connector to SCAN, Transmisi ECT (Electronic Control Speed) 4 Speed, with heter Oxygen sensor

COMBINATION METER ORIGINAL

Tocho Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Temperature Gauge.

Fuel Pressure Gauge, Oil Matic Pressure Gauge & vacuum Fuel Tank 5 Liter, Switch Emergency, Fire Stop. Baterai 12 Volt 45 Ah. Rangka Standar ASTRA, Roda Stand Teflon 4". Dimensi : hollo 2mm 160 x 100 x 110/ Menyesuaikan Rekondisi

TEKNIK KENDARAAN RINGAN



TRAINER TOYOTA INNOVA GASOLINE ENGINE TR-FE VVTi- KODE : TR- TIGET

MESIN TOYOTA INNOVA 1 TR-FE 2000 cc

4 Cylinder segaris, 16 katup Valve Sistem DOHC (Double Over Head Camshaft), DFI (Direct Fire Ignition), Sistem VVT-i (Variable Valve Timing Inteligent), Sistem Bahan bakar EFI D Jetronik, Sistem Pengisian Altenotor IC, Sistem Pendingin Air, OBD II Connector To SCAN, Pedal gas Akselerasi, Air Filter & Mass Air Flow.

COMBINATION METER ORIGINAL

Tacho Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Temperature Gauge. Fuel Pressure Gauge, Oil Matic Pressure Gauge & vacuum, Fuel Tank 5 Liter, Switch Emerergency, Fire Stop. Baterai 12 Volt 45 Ah. Rongko Stondor ASTRA, Roda Stand Teflon 4 " .

Dimensi : hollo 2mm 160 x 100 x 1 IO/ Menyesuaikan Rekondisi



TRAINER HONDA CR-V GASOLINE ENGINE K 24 i-VTEC - KODE : TR - HCGEK

MESIN HONDA CR-V K 24 2500 cc

4 Tak 4 Cylinder segoris, 16 kotup Valve i-VTEC Sistem DOHC (Double Over Head Camshaft), DFI (Direct Fire Ignition), Sistem VVT-i (Variable Valve Timing Inteligent), Sistem Bahun bakar EFI D Jetronik, Sistem Pengisian Altenatar IC, Sistem Pendingin Air, OBD II Connector To SCAN, CAN communication sistem, Transmisi CVT Triptonic 7 Speed

COMBINATION METER ORIGINAL

TACHo Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Temperature Gouge.

Fuel Pressure Gauge, Oil Motic Pressure Gauge & vacuum Fuel Tonk 5 Liter, Switch Emerergency, Fire Stop. Baterai 12 Volt 45 Ah. Rangka Stander ASTRA, Roda Stand Teflon 4 " .
Dimensi : hollo 2mm 160 x 100 x 1 IO/ Menyesuaikan Rekondisi



TRAINER HONDA JAZZ GASOLINE ENGINE L 15 S i-VTEC - KODE : TR - HJGELV

MESIN HONDA Jazz L 15A 1500 cc i-VTEC

4 Tak 4 Cylinder segaris, 16 katup Valve i-VTEC Sistem SOHC (Single Over Head Camshaft), DFI (Direct Fire Ignition), Sistem VVT-i (Variable Valve Timing Inteligent), Sistem Bahan bakar EFI D Jetronik, Sistem Pengisian Altenatar IC, Sistem Pendingin Air, OBD II Connector To SCAN. CAN communication sistem, Transmisi CVT Triptonic 7 speed

COMBINATION METER ORIGINAL

Tacho Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Temperature GAuge.

Fuel Pressure GAuge, Oil Matic Pressure Gauge & vacuum Fuel Tank 5 Liter, Switch Emerergency, Fire Stop. Baterai 12 Volt 45 Ah. Rangka Standar ASTRA, Roda Stand Teflon 4 " .
Dimensi : hollo 2mm 160 x 100 x 1 IO/ Menyesuaikan Rekondisi



TRAINER HONDA JAZZ GASOLINE ENGINE L 15 S i-DSI - KODE : TR - HJGELD

MESIN HONDA Jazz L 15 A 1500cc i-DSI

4 Tak 4 Cylinder segaris, 16 katup Sistem SOHC (Single Over Head Camshaft), i-DSI (Intelligent Dual & Sequential Ignition) DFI (Direct Fire Ignition), Sistem VVT-i (Variable Valve Timing Inteligent), Sistem Bahan bakar EFI D Jetronik, Sistem Pengisian Altenator IC, Sistem Pendingin Air, OBD II Connector To SCAN. CAN communication sistem, Transmisi CVT 4speed With Heater Oxigen Sensor.

COMBINATION METER ORIGINAL

Tocho Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Tempera-ture Gouge.

Fuel Pressure Gauge, Fuel Tonk 5 Liter, Switch Emerergency, Fire Stop. Baterai 12 Volt 45 Ah. Rangka Standar ASTRA, Roda Stand Teflon 4 " .
Dimensi : hollo 2mm 160 x 100 x 1 IO/ Menyesuaikan Rekondisi

TEKNIK KENDARAAN RINGAN



TRAINER HONDA JAZZ GASOLINE ENGINE L 15 S i-DSI - KODE : TR - HJGELD

MESIN HONDA Jazz L 15A 1500 cc i-DSI

4 Tak 4 Cylinder segoris, 16 katup Sistem SOHC (Single Over Head Comshoft), i-DSI C Intelligent Duol & Sequential Ignition) DFI (Direct Fire Ignition), Sistem VVT-i (Variable Valve Timing Intele-gent), Sistem Bahan bakar EFI D Jetronik, Sistem Pengisian Altenator IC, Sistem Pendingin Air, OBD II Connector To SCAN. CAN comunicatoion sistem, With Heater Oxigen Sensor.

COMBINATION METER ORIGINAL

Tacho Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Temperature Gouge.

Fuel Pressure Gouge, Fuel Tonk 5 Liter, Switch Emergency, Fire Stop. Boterai 12 Volt 45 Ah. Rangka Standar ASTRA, Redo Stond Teflon 4 " . Dimensi : hello 2mm 160 x 100 x 110 / Menyesuaikan Rekondisi



TRAINER TOYOTA GASOLINE ENGINE EFI 1800 CC - KODE : TR - TGEE1

MESIN TOYOTA 7K 1800 CC

4 Tak 4 Cylinder segoris, Mekanisme katup OHV (Over Head Valve), Sistem pengapian Konvensional, Sistem pengisian Altenator Regulator Konvensional, Sistem Pendingin Air

COMBINATION METER ORIGINAL

Tacho Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Temperature Gauge.

Fuel Pressure Gauge, Oil Matic Pressure Gouge & vacum Fuel Tank 5 Liter, Baterai 12 Volt 45 Ah. Ponei Instrumen Acrylic, Rongko Stondor ASTRA, Redo Stond Teflon 4 " . Dimensi : Besi Bulat 2mm 160 x 100 x 110 / Menyesuaikan Rekondisi



TRAINER CUTING TOYOTA GASOLINE ENGINE 7K-EFI - KODE : TRC - TGE

MESIN TOYOTA 7K -E 1800 CC

4 Tak 4 Cylinder segoris, Mekanisme katup Sistem Hydraulic, Sistem pengapian EFI (Sist Elektrik Fuel Injection), Sistem Bahan bakar EFI D Jetronik, pengisian Altenator IC, Sistem Pendingin Air

COMBINATION METER ORIGINAL

Tacho Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Temperature Gauge.

Fuel Tonk 5 Liter, Baterai 12 Volt 45 Ah. Panel Instrumen Acrylic, Motor listrik 1 phase 2 HP 220 Volt, Rangka Roda Stand Teflon 4". Dimensi: Besi Bulat 2mm 160 x 100 x 110 / Menyesuaikan Rekondisi



TRAINER CUTING TOYOTA GASOLINE ENGINE 7K-EFI BIG PANEL - KODE : TRC - TGE2

MESIN TOYOTA 7K -E 1800 CC

4 Tak 4 Cylinder segaris, Mekanisme katup Sistem Hydraulic, Sistem pengapian EFI (, Sist Elektrik Fuel Injection), Sistem Bahan bakar EFI D Jetronik, pengisian Altenator IC, Sistem Pendingin Air

COMBINATION METER ORIGINAL

Tacho Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Temperature Gauge

Fuel Tank 5 Liter, Baterai 12 Volt 45 Ah. Panel Instrumen Acrylic, Sablon, Motor listrik EPS Rangka Roda Stand Teflon 4 " . Dimensi: Besi Bulat 2mm 160 x 100 x 110 / Menyesuaikan Rekondisi

TEKNIK KENDARAAN RINGAN



TRAINER AVANZA GASOLINE ENGINE K3-VE ASSEM/DISASSEMBLY - KODE : TR - TAGEKAD

MESIN TOYOTA Avanza K3 -VE 1300 cc

4 Tak 4 Cylinder segaris, 16 katup Valve Sistem DOHC (Double Over Head Camshaft), DFI (Direct Fire Ignition), Sistem VVT-i (Variable Valve Timing Intelegent), Sistem Bahan bakar EFI D Jetronik, Sistem Pengisian Altenator IC, Sistem Pendingin Air, With Oxigen sensor, Intek manifold, Exhose manipold, Throttle Body, Cylinder Head, Blok Cylinder, carter/bak oli

RANGKA

Stand Engine Over Haul. Stand Rotary dengan 2 center dudukan Dapat diputar 360 derajat. Dengan Gear box 1 : 90 Roda Stand Teflon 4 * .
Dimensi: hollo 2mm Menyesuaikan



TRAINER ENGINE OVER HAUL STAND - KODE : TR - EOHs

MESIN 1000 - 1300 cc

4 Tak 4 Cylinder segaris, 16 katup Valve Sistem DOHC Sistem Pengisian Altenator IC, Sistem Pendingin Air,, Intek manifold, Exhose manipold, Cylinder Head, Blok Cylinder, carter/bak oli

RANGKA

Stand Engine Over Haul. Stand Rotary dudukan Dapat diputar 360 derajat
Roda Stand Teflon 4 " .
Dimensi : hollo 2mm Menyesuaikan



TRAINER DIESEL ENGINE SYSTEM MANAGEMENT - KODE : TR - DESM

Diesel sistem EFi

Pompa injector Rotary Suplai pump, direct injection, Nozzle injection, Pipa nozzle, ECU (Electron-ic control unit), EGR (Exhaust Gas Resculating), throttle by wire, Water Sendimeter, Tempat gelas ukur, Exhaust manifold,

COMBINATION METER ORIGINAL

Tacho Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Temperature Gauge.

Fuel Tank 5 liter, Switch Emerergency, Rpm control. Power suplai 220 volt Baterai 12 Volt , motor listrik I phase 1 hp, Vanbelt. Rangka Kotak. Roda Stand Teflon 4". Dimensi: hollo 2mm Menyesuaikan Rekondisi



TRAINER INNOVA DIESEL ENGINE 2KD + TRANSMISSION - KODE : TR - TIDE2KDT

MESIN TOYOTA INNOVA 2KD - FTV 2500 cc

4 Cylinder segaris, 16 katup DOHC Sistem D4-D Sistem Timing Gear don Timing Belt, Sistem Bohan bakar CRD-i (Common Rail Diesel Injection), Sistem Pengisian Altenator IC, Sistem Pendingin Air, 060 II Connector To SCAN, Pedal gas Akselerasi, With EDU, Air filter & Mass Air Flow. Transmisi manual 5 speed 1 mundur/ Automatic 4 speed .

COMBINATION METER ORIGINAL

Tocho Meter RPM, Charge Indicator, Oil indicator, Check Engine Indicator, Fuel & Temperature Gauge.

Fuel Tank 5 liter, Switch Emerergency, Fire Stop. Baterai 12 Volt 65 Ah. Water Sendimeter, Rangka Standar ASTRA, Roda Stand Teflon 4". Dimensi: hollo 2mm 160 x 100 x 190 / Menyesuaikan Re-kondisi

TEKNIK KENDARAAN RINGAN



TRAINER INNOVA DIESEL ENGINE 2KD - KODE : TR - TIDE2KD

MESIN TOYOTA INNOVA 2KD - FTV 2500 cc

4 Cylinder segaris, 16 katup DOHC Sistem D4-D Sistem Timing Gear don Timing 8elt, Sistem Bohan bakar CRD-i (Common Rail Diesel Injection), Sistem Pengisian Alternator IC, Sistem Pendingin Air, 080 II Connector To SCAN, Pedal gas Akselerasi, With EDU, Airfilter & Mass Air Flow.

COM81NATION METER ORIGINAL

Tacho Meter RPM, Charge Indicator, Oil indicator, Glow plug Indicator, Fuel & Temperature Gauge.

Fuel Tank 5 Liter, Switch Emergency, Fire Stop. Baterai 12 Volt 65 Ah. Water Sendimeter, Rangka Standar ASTRA, Roda Stand Teflon 4 " . Dimensi : hello 2mm 160 x 100 x 110/ Menyesuaikan Rekondisi



TRAINER ISUZU DIESEL ENGINE - KODE : TR - IDE2C

ISUZU 2500 cc

4 Cylinder segaris, Sistem katup OHV (Over Head Valve), Jenis penghubung gear, Sistem Bohan bakar Direct Injection, Sistem Pengisian Alternator IC, Sistem Pendingin Air, Sistem pompa Rotary

COM81NATION METER ORIGINAL

Tacho Meter RPM, Charge Indicator, Oil indicator, Glow plug indicator, Fuel & Temperature Gauge.

Fuel Tank 5 Liter, 8aterai 12 Volt 65 Ah. Water Sendimeter, Rangka Roda Stand Teflon 4 " . Dimensi : Besi 8ulat2mm 70 x 100 x 100 / Menyesuaikan Rekondisi



TRAINER TOYOTA KIJANG DIESEL ENGINE 2L - KODE : TR - TKDE2

MESIN TOYOTA KIJANG DIESEL 2L 2500 cc

4 Cylinder segaris, Sistem katup OHV (Over Head Valve), Jenis penghubung gear, Sistem Bohan bakar Direct Injection, Sistem Pengisian Alternator IC, Sistem Pendingin Air, Sistem pompa Rotary, - sistem pemanas GlowPlug

COM81NATION METER ORIGINAL

Tacho Meter RPM, Charge Indicator, Oil indicator, Glow plug indicator, Fuel & Temperature Gauge.

Fuel Tank 5 Liter, Baterai 12 Volt 65 Ah. Water Sendimeter, Rangka Roda Stand Teflon 4 " . Dimensi : Besi Bulat 2mm 70 x 100 x 100 / Menyesuaikan Rekondisi



TRAINER BRAKE SYTEM SIMULATION - KODE : TR - BSS

Brake System

Hydraulic brake system, 2 Disc brake, 2 Drum 8rake, Foot Brake Pedal, Hydraulic Brat.e Master Cylinder, Hydraulic Tubing, Hand Brake, 2 Pressure Gauge. Parking 8rat.e system

Compressor Electric Vacum 220 Volt, Swicth ON/OFF 220 Volt.

Rangka

Stand Hollo 2mm, Dimensi : Menyesuaikan, Roda Caster Whell 4"

TEKNIK KENDARAAN RINGAN



TRAINER ANTI LOCK BRAKE SYSTEM - KODE : TR - ALBS

Demonstrates full functionality of a 4 wheel ABS system, Twelve system faults that are selected by the instructor. Trainer follows OEM wiring schematics. Front disc brake, Rear Drum brake, Master Cylinder & Hydraulic System With pedal brake, ABS electrical system with wheel speed sensor, ABS Hydraulic Control Unit, Parking Brake system, Fault panel to aid Student diagnosis. Diagnosis socket fitted for the connection of fault code readers or blink coding.

Pressure gauges show front and rear line pressure & individual. Pressure at each Wheel. 220 Volt AC supply. 12 Volt DC supply for ABS Component. Combination meter

Rangka
Stand Hollo 2mm, Dimensi : Menyesuaikan, Roda Caster Wheel 4"



TRAINER POWER STERING - KODE : TR - PS

Power steering Type Rack and Pinion, Steering Wheel, Pressure Control, Front Suspension, Steering linkage, Power steering Pump with reservoir. hoses, front Suspension pitman, rem dan roda

2 Pressure gauge control, Motor listrik 1 phase 2 HP

Rangka
Stand Hollo 2mm portable, Dimensi : Menyesuaikan, Roda Caster Wheel 4"



TRAINER ELECTRIC POWER STEERING - KODE : TR - EPS

Power steering Type Rack and Pinion, Steering Wheel, Front Suspension, Steering linkage, Power steering Motor Electric 12 Volt DC, front Suspension pitman, rem dan roda, ECU (Electronic Control Unit)

Combination Meter, Ignition key, Indicator EPS, Power supply 12 Volt 5 Ah, Baterai 12 Volt 35 Ah.

Rangka
Stand Hollo 2mm portable, Dimensi : Menyesuaikan, Roda Caster Wheel 4"



TRAINER POWER TRAIN SYSTEM (RWD) - KODE : TR - PTS

Power Train Jenis RWD (Rear Wheel Drive), Unit Kopling, Transmisi Manual cutting 5 Kecepatan, pedal kopling, Differential cutting. Axle & housing cutting. Rear Drum Brake

Motor listrik 1 Phase 2 HP 220 Volt, saklar ON/OFF 220 Volt, Reduction Gear.

Rangka
Stand Hollo 2mm portable, Dimensi : Menyesuaikan, Roda Caster Wheel 4"

TEKNIK KENDARAAN RINGAN



TRAINER REAR DRIVE TRANSMISION - KODE : TR - RDT

Pores input gigi 5,poros gigi 4, pores gigi 3, Gear mundur, Counter Shaft. Gigi final, Diferensial, gigi speedo meter

Rangka
Stand Hollo 2mm Dimensi : Menyesuaikan, Roda Caster Whell 3"



TRAINER CUTTING REAR WHEEL DRIVE SYSTEM AUTOMATIC - KODE : TRC - RWD

Front wheel drive.
Model ini dipotong sehingga mampu menampilkan komponen dan menunjukkan fungsi mereka. Mulai dari Torque konverter, planetary gear unit, Valve body, gigi speedo meter. Setiap Komponen yang dipotong diberi warna yang bertahan sehingga memudahkan untuk dipelajari.

Rangka
Stand Besi Bulat 2mm Dimensi : Menyesuaikan, Roda Caster Whell 3"



TRAINER CUTTING FRONT WHEEL DRIVE SYSTEM AUTOMATIC - KODE : TRC - FWD

Front wheel drive.
Model ini dipotong sehingga mampu menampilkan komponen dan menunjukkan fungsi mereka. Mulai dari Torque konverter, planetary gear unit, Valve body, gigi speedo meter. Setiap Komponen yang dipotong diberi warna yang bertahan sehingga memudahkan untuk dipelajari.

Rangka
Stand Besi Bulat 2mm Dimensi : Menyesuaikan, Roda Caster Whell 3"



TRAINER CUTTING CLUTCH SYSTEM - KODE : TRC - CS

The Clutch demonstration is a fully functioning diaphragm clutch type set designed for demonstrate the principles of the Clutch used in common Cars

Consist of two Clutch demonstration units and able to be operated

TEKNIK KENDARAAN RINGAN



TRAINER CUTTING DIFFERENTIAL UNIT MODEL - KODE : TRC - DUM

Axle Shaft, Disc Drum, pipa 1,5 inch, Tebal 2mm, Roda Stand Teflon 4"



TRAINER AIR CONDITIONER - KODE : TR - AC

Compressor ND 12 Volt DC, Breket Kompresor, Kondensor 12 x 12 x 9cm, breket extra Van, Evaporator besel Chang on) 12 Volt DC, Drier hitam flare, Braket Drier, Slang 1/2", Slang 5/8", van belt, Pressure Gauge high/low, Electric Vacum 220 volt, Relay 1 pc, Main Switch, Panel Acrylic don sablon, Banana Jack, Motor Listrik 1 Phase 2 HP, saklar ON/OFF 220 Volt, Baterai 12 Volt 35 Ah

Rangka

Stand Hollo 2mm Dimensi : Menyesuaikan, Roda Caster Whell 3"



TRAINER AIR CONDITIONER TOYOTA AVANZA - KODE : TR - ACTA

AIR CONDITIONER TOYOTA AVANZA

Compressor ND 12 Volt DC, Breket Kompresor, Kondensor 12 x 12 x 9cm, breket extra Van, Evaporator besel (Real car) motor blower 12 Volt DC, Drier+ switch flare, Braket Drier, Slang 1/2", Slang 5/8", van belt, Pressure Gauge high/low, Electric Vacum 220 volt, Relay 1 pc, Main Switch, Panel Acrylic don sablon, Banana Jack, Motor Listrik 1 Phase 2 HP, saklar ON/OFF 220 Volt, Baterai 12 Volt 35 Ah

Rangka

Stand Hollo 2mm Dimensi : Menyesuaikan, Roda Caster Whell 3"



TRAINER CHARGING SIMULATOR - KODE : TR - CSIM

Papan Pertinak, Huruf cetak sablon, Main Swich, Volt meter, Ampere meter, Altenator Regulator, Regulator, Banana Jack, Lampu LED, Motor Listrik 1 Phase 2 HP 220 Volt, Baterai 12 Volt 35 Ah.

Rangka

Stand Hollo 2mm Dimensi : Menyesuaikan, Roda Caster Whell 3"

TEKNIK KENDARAAN RINGAN



TRAINER SYSTEM PENGAPIAN KONVENSIONAL - KODE : TR - SPK

Ignition Coil, Kabel l'lusi, Kunci kontak, Pengatur RPM, Saklar simulator, unit distributor, 8usi, Indicator CHG, l'linding post.

Motor listrik 220 Volt, Swicth ON/OFF 220 Volt.

Rangka

Stand Hollo 2mm, Dimensi : Menyesuaikan, Roda Caster Whell 4"



TRAINER STAND COMPUTER IGNITION SYSTEM - KODE : TR - SCIS

Direct fire Ignition.

ECU (Electronic Control unit),Throttle body, ESC, TPS, CMP (Camshaft Position Sensor), CKP (CrankShaft Position sensor), Relay 2 pcs, Fuse box, RPM control, Main switch, Coil direct fire ignition,spark plug Fuel, pedal gas akselerasi, Power Suplai AC 220 Volt to DC 12 Volt, 8attere 12 Volt, motor listrik 220 Volt. Papan Acrylic.

Rangka

Stand Hollo 2mm Dimensi : Menyesuaikan,



TRAINER STAND INJECTION SYSTEM - KODE : TR - SIS

ECU (Electronic Control unit),Throttle body, ESC, TPS, CMP (Camshaft Position Sensor), CKP (CrankShaft Position sensor), IAT (Intake Air Temperature), KNK (Knoking sensor), MAP (Manifold Absolute Presure), WTS (Water Temperature Sensor), Nozzle (injection), O2 (oxigen sensor), Relay 2 pcs, Fuse box, 08D II connector to scan, Check Engine Lamp, Tacho meter, RPM control, Main switch, Pressure Gauge, spark plug Fuel Pump, Fuel Tank 5 ltr, pedal gas akselerasi, firestop,Power Suplai AC 220 Volt to DC 12 Volt, 8 Amp Battere 12 Volt, motor listrik 220 Volt

Rangka

Stand Holo 2mm Dimensi : Menyesuaikan, Roda Caster Whell 3"



TRAINER ENGINE MANAGEMENT SYSTEM DK-TRONIK - KODE : TR - EMSD

ECU (Electronic Control unit),Throttle body, ESC, TPS, CMP (Camshaft Position Sensor), CKP (CrankShaft Position sensor), IAT (Intake Air Temperature), KNK (Knoking sensor), MAP (Manifold Absolute Presure), WTS (Water Temperature Sensor), Nozzle (injection), O2 (oxigen sensor), Relay 2 pcs, Fuse box, Diagnosis connector to scan, RPM control, Main switch, spar!<. plug, Fuel Pump, Fuel Tank 5 ltr. Gelas ukur, Sistem pengisian, Altenator IC.

Combination meter :

Check Engine, Tocho meter RPM, Power Suplai AC 220 Volt to DC 12 Volt, 8attere 12 Volt, motor listrik 220 Volt 1 Phase 1 hp.

Rangka

Stand Hollo 2mm Dimensi : Menyesuaikan, Roda Caster Whell 4"

TEKNIK KENDARAAN RINGAN



TRAINER ENGINE MANAGEMENT SYSTEM TOYOTA AVANZA - KODE : TR - EMSTA

Model DK-TRONIK

ECU (Electronic Control unit), Throttle body, ESC, TPS, CMP (Camshaft Position Sensor), CKP (Crankshaft Position sensor), IAT (Intake Air Temperature), KNK (Knocking sensor), MAP (Manifold Absolute Pressure), WTS (Water Temperature Sensor), Nozzle (injection), O₂ Coxigen sensor, Relay 2 pcs, Fuse box, Diagnosis connector to scan, RPM control, Main switch, spark plug, Fuel Pump, Fuel Tank 5 ltr. Gelas ukur, Sistem pengisian, Alternator IC. Pressure gauge .

Combination meter :

Check Engine, Tacho meter RPM, Power Suplai AC 220 Volt to DC 12 Volt, f>attere 12 Volt, motor listrik 220 Volt 1 Phase 1 hp.

Rangka

Stand Hollo 2mm Dimensi : Menyesuaikan, Roda Caster Whell 4"



TRAINER CAR ELECTRICAL SYSTEM TOYOTA AVANZA - KODE : TR - CESTA

Sistem Penerangan

Lampu Kepala, Lampu tanda belok., Lampu rem, Lampu kota, Saklar kombinasi Avanza, Relay, Fuse Box. Sistem sensor parking. Combination Meter Original, motor wiper, Washer, blade Wiper, Sistem Sistem Charging (Pengisian). Alternator IC. Motor Listrik 1 phase HP, 1 power suplai 2 Volt Ampere. baterai 12 Volt 35 Ah.

Rangka

2mm Dimensi : Menyesuaikan, Roda Caster Whell 3"



TRAINER CAR ELECTRICAL BODY SIMULATOR - KODE : TR - CEBSIM

Sistem Penerangan

Lampu Kepala, Lampu tanda belok, Lampu rem, Lampu kota, Saklar kombinasi, Relay, Fuse Box. Sistem sensor parking Combination Meter Original, motor wiper, Washer, blade Wiper, Sistem Audio, Sistem power window, Central lock, don Alarm. Sistem Charging (Pengisian). Alternator IC. Motor Listrik 1 phase 1HP, power suplai 12 Volt IO Ampere. Baterai 12 Volt 35 Ah.

Rangka

Stand Hollo 2mm Dimensi : Menyesuaikan, Roda Caster Whell 3"



TRAINER CAR ELECTRICAL BODY SYSTEM - KODE : TR - CEBSYS

Electrical body sistem Car dengan Main switch control positif. Panel Acrylic, 2 buah head lamp halogen, 1 main switch orisinil, 2 set Tail lamp, Braking lamp, 3 buah relay, 1 buah horn Switch, 1 Buah Reverse lamp switch, 1 buah brake lamp switch, 1 buah motor Wiper, 1 buah wiper blade, 1 buah wiper blade arm, 1 buah washer, 1 buah fuse box, 1 buah kontak switch. 1 unit wiring har-nest. baterai 12 Volt 35 Ah

Rangka

Stand Hollo 2 mm Dimensi : 160 x 65 x 130 cm, Menyesuaikan, Roda Caster Whell 3

TEKNIK KENDARAAN RINGAN



TRAINER TOYOTA AVANZA ELECTRICAL BODY SYSTEM - KODE : TR - TAEB5

Electrical body sistem Cor Toyota Avanza Standar. Combination meter original Avanza. Panel Acrylic, 2 buah head lamp halogen, 1 main switch orisinil, 2 set Tail lamp, Braking lamp, 3 buah relay, 1 buah horn Switch, 1 Buah Reverse lamp switch, 1 buah brake lamp switch, 1 buah motor Wiper, 1 buah wiper blade, 1 buah wiper blade arm, 1 buah washer, 1 buah fuse Box, 1 buah kontak switch. 1 unit wiring horn set. 1 baterai 12 Volt 35 Ah.

Rangka

Stand Hollo 2mm Dimensi : 160 x 65 x 130 cm, Menyesuaikan, Redo Caster Whell 3"



TRAINER CENTRAL LOCK, ALARM, POWER WINDOW - KODE : TR - CLAAP

1 set 4 buah Motor power window dengan Mechanical, 1 set Alarm, 2 buah remote control, 1 buah speaker alarm, 1 set 4 buah central lock, 1 set saklar power window, 1 set 4 buah kaca simulator, Banana jock, Panel Acrylic, Main switch Baterai 12 Volt 35 Ah.

Rangka

Stand Hollo 2mm Dimensi : 160 x 65 x 130 cm, Menyesuaikan, Redo Caster Whell 3•



TRAINER CUTTING COMPRESSOR AC - KODE : TRC - CA

Fitur Penggunaan

Untuk mendemonstrasikan prinsip kerja tiap bagian dan fungsinya terkait proses kerja Sistem *NC* Alat Berat/Truck

Spesifikasi

Rumah kompresor di potong/dibelah dan ditampilkan bagian utama dan dicat pada irisan bagian dengan kode warna tertentu

Komponen terdiri dari komponen baru Dikonstruksi dengan stand duduk untuk mempermudah peletakan di ruang pembelajaran



TRAINER CUTTING ALTERNATOR - KODE : TRC - A

Fitur Penggunaan

Untuk mendemonstrasikan prinsip kerja tiap bagian dan fungsinya terkait proses kerja Sistem Pengisian pada alat berat/truck

Spesifikasi

Alternator alat berat/truck Komponen terdiri dari komponen baru. Rumah alternator dipotong/dibelah don ditampilkan bagian utama dan dicat pada irisan bagian dengan kode warna tertentu

Dikonstruksikan dengan stand duduk untuk mempermudah peletakan di ruang pembelajaran

TEKNIK KENDARAAN RINGAN



TRAINER CUTTING DIESEL IN-LINE PUMP MODEL - KODE : TRC - DIP

Specifications

Original Four Element in line injection pump with governor, unit can operated with hand crank handle

Completely and carefully sectioned to show all key parts Painted and color coded for easy identification, mounted on a base 100% Indonesian Assembly & National Standard,



TRAINER LIGHTING SYSTEM - KODE : TR - LS

- Left headlamp ground circuit,

- Left/right headlamp ground circuits;

Manual fault box with IO faults for the following

Lighting Switch Controls ModuponentTM circuits:

Headlight switch, Signal flasher, Backup light switch, Stop light switch, Ignition switch, Right turn signal indicator, Relay No. 3, Relay No. 4.

Front Lights

Lighting Switch Controls

Rear Lights

Clearance Lights Kit

Set of 89 jumper leads

Stand with lockable storage box

12 Volt DC Power Supply



TRAINER STARTING AND CHARGING - KODE : TR - SAC

Size: Approx. 500 X 500 X 1,600 mm

Weight: Approx. 50 kg

Charging system 12 V IC regulator , 12V Voltage regulator

Starting system 12V conventional motor starter.



TRAINER GENERATOR CIRCUIT EQUIPMENT - KODE : TR - GCE

Composition :

Main body stand, 2 second phase of resistive heater, 2 sets of lighting system, 2 sets of resistance-modulating lighting system, power supplier, inverter for controlling speed of volt meter ampere motor, generator, etc.

Motor: three phases 380V, 3HP motor

- Equipment of transparent polycarbonate in motor drive parts, stand aluminum profile

Size : Approx. 1200 X 800 X 1700mm

Weight: Approx. 100kg

TEKNIK KENDARAAN RINGAN



TRAINER CAR A/C SYSTEM - KODE : TR - CAS

The simulator is panel type equipment that is able to training and exercise about automotive air-condition system. It is the purpose to understanding and diagnosis of air-condition system from faults in real vehicle effectively. Easy to demonstrate the training session in refrigerant cycle, heating, air conditioning, temperatures and pressures. Compressor : 2-5HP motor, invert-er RPM control type. HFC (Hydro-fluorocarbons)- 134a.

Composition :

Compressor, condenser, dryer, expansion valve, the orifice tube, the evaporator, blowers, piping, cooling fans, the unit, the control panel,

Motor with speed control, pressure(high- l, low-3), temperature gauge

Size : Approx. 1,200 X 2,000 X 1,600mm

Weight : Approx. 200kg



TRAINER DISC BRAKE - HAND BRAKE - KODE : TR - DB - HB

Feature

Structure trainer for Disc Brake, Parking Brake. Easy to explain each parts and operating principle of Disc Brake, Parking Brake. Able to observe the movement of the Brake system by manual operation. Incised sections are painted with different colors for education Efficiency.

Specification

Composition : Disc brake, Caliper, Side cable, Side lever

Size : Approx. 400 X 300 X 300 mm

Weight : Approx. 20 kg



TRAINER COMPUTER IGNITION SYSTEM - KODE : TR - CIS

SPESIFIKASI

Direct fire Ignition. ECU (Electronic Control unit), Throttle body, ESC, TPS, CMP (Camshaft Position Sensor), CKP (CrankShaft Position sensor), Relay 2 pcs, Fuse box, RPM control, Main switch, Coil direct fire ignition, spark plug Fuel, pedal gas akselerasi, Power Suplai AC 220 Volt to DC 12 Volt, battere 12 Volt, motor listrik 220 Volt. Papan Acrylic.



TRAINER ELECTRONIC CAR IGNITION SYSTEM - KODE : TR - ECIS

SPESIFIKASI

Electronic Control Unit (ECU), Ignition Coil tipe Dis-Distributorless, Kabel busi, Kunci Kontak, Idling Switch, Saklar Simulator Unit Distributor, busi, Indicator Ignition, 8inding Post

TEKNIK KENDARAAN RINGAN



TRAINER ABS SIMULATOR + FAULT DIAGNOSIS WITH 4 AXIS - KODE : TR - ASWFD

Deskripsi : Untuk mempelajari sistem kerja rem ABS lengkap dengan sirkuitnya, tekanan hidrolisnya, dan dapat melakukan trouble shooting.

- This equipment is effective to understand and educate ABS system and for maintenance, Inspection training.
- Able to measure the pressure and voltage when loading /unloading with a load panel.
- Specification:
- Consists of ABS, Engine control, TCS with ECU, Wheel speed sensor, Master cylinder, Vacuum Brake booster, 4 x inverter, AC 380Volt, 5 x approx. 1HP Motor, 12 Volt battery auto charging system, vacuum system
- Available to control for 4 wheel's RPM and tire grip force, rotary inertia, hydraulic braking control through 4 inverter
- Button diagnosis error control unit for ECU circuit



TRAINER ADVANCED AUTOMOTIVE ELECTRIC CIRCUIT - KODE : TR - AAECT

- Light circuit practice module : Made by LED light system (Head light, Turn signal, Taillight), Experiment panel should be carved in AL coating panel and printed, Consist of a headlight, a multi-function switches, relays, connection terminals and so on.
- Side Mirror folding practice module : Arrangement of parts of Side Mirror folding, Consist of a folding set, a connect terminal, side mirror folding switch
- Door/ Window circuit practice module : Arrangement of parts of Door/Window and checking theory and operation by composing actual window circuit, Consist of door actuator, window motor connect terminal, side mirror door switch
- Horn circuit practice module : Test of horn system circuit, Theory education, circuit completion and test of horn system
- Ignition practice module : Test of Ignition practice module, Consist of ignition plug, Gap measuring device, air intake, measuring Device
- Injection practice module : Test of Injection practice, Consist of 4 injector, delivery pipe, injector Voltage Measuring Device
- Multi-function input switch module : Test of Multi-channel input switch, Consist of multi-function switch, key switch, emergency switch, connector terminal



TRAINER AIR BAG SIMULATOR AND TRAINER - KODE : TR - ABSAT

Specification:

- Air bag sensor consist of : Frontal driver and passenger, Side air bag sensor
- Air bag actuator / Air Generator consist of : Driver frontal/longitudinal air bag, Passenger frontal/longitudinal, Passenger and driver side air bag, Driver and passenger presentation belt
- Frontal and side crash mini car mode : Frontal collision high truck mini car model with ECU Side collision driver & passenger mini car model with ECU
- Air compression / Air supply
- Air bag block diagram and measuring point
- Instruction Manual



TRAINER AIR BAG SYSTEM SIMULATOR WITH AUTO FAULT - KODE : TR - ABSSW

Technical Data :

- Able to understand composition of air bag system of automobile and fundamental principles.
- Understanding the linkage among Safety belts, airbags, PPD (Passenger Presence Detector) and acknowledging operation condition.
- Measuring change in waveform in accordance to resistance by adjusting the resistance from the seatbelt and air bag.
- Able to measure by a multimeter, oscilloscope, diagnosis etc.

Composition :

- Driver/passenger seat airbags, airbag modules, seat belts, PPD sensor, air regulators, 2 air tanks (approx. 10L), etc
- Instruction Manual

TEKNIK KENDARAAN RINGAN



TRAINER ALARM, CENTRAL LOCK, POWER WINDOWS + WIRING PANEL - KODE : TR - ACLAP

Specification:

Components of the Trainer for Power Window, Alarm and Central Lock Systems : Alarm unit, Central Lock Unit, Power Window, Turn signal, Door Switch, Brake Switch, CHG indicator, Key Contact, Binding Post, Power Window Switch, Alligator Clips, Banana Plugs/ cable jumper

Stand Dimension : 1850 mm x 2650 mm x 600 mm

Stand color : Blue/Red/Orange depend on customer needs

Material :

- Plywood board : 10 mm
- Square iron : 3.5 cm X 3.5 cm
- Caster wheels : 4 Inches
- Elbow iron: 2.5 cm X 2.5 cm

Dimensions of table stand boards :

- Table length: 1170 mm
- Table width: 180 mm

Power : Battery: 12 Volt / 32AH



TRAINER AUTOMOBILE DATA TRANSMISSION SYSTEM CAN BUS STAND : TR - ADTSC

Technical Data :

- Mobile stand on four wheels
- Automobile door central locking control unit
- Electronic steering column locking system
- Car airbag systems control unit (SRS)
- Training stand ensured the possibility to run diagnostics for all devices installed in the control unit CAN network with automatic help search, including the following diagnostic operations
- Control unit identification reading
- Ensured the possibility of system parameters control
- Ensured the possibility of the control unit coding / configuration, and the engine actuators activation
- The stand has a closed structure- no visible system installation elements and sealed electrical circuits, wiring
- In training stand included :
 - Automobile oscilloscope
 - CAN maintenance analyzer
 - Diagnostics equipment - Network power supply (220 / 12V) and a battery (12V)
- Training stand equipped
- Control instrument panel
- Ignition lock, key and immobilizer
- The car door glass lifting mechanism with controls
- Central control unit
- Functioning engine control unit

TRAINER AUTOMOTIVE AIR CONDITIONING SYSTEM SIMULATOR - KODE : TR - AACSS



Technical Data :

Compressor: approx. 5HP motor, inverter RPM control type.

Specification

Composition :

Compressor, condenser, dryer, expansion valve, the orifice tube, the evaporator, Blowers, piping, cooling fans, the unit, the control panel, Motor with speed control, pressure (high-1, low-3), approx. 7 temperature gauge, etc. approx. 10 Fault insertion available approx. 3 PCB board available to safety protection PCB Board is connect PC with USB

Minimum 5 Training Contents

Manual Book

Modul Automototive A/C System



TRAINER AUTOMOTIVE AIR CONDITIONING TRAINING + AUTO FAULT - KODE : TR - AACTS

Technical Data :

- Compressor : approx. 5 HP motor, inverter RPM control type.
- HFC -134a.

Composition :

Compressor, condenser, dryer, expansion valve, the orifice tube, the evaporator, Blowers, piping, cooling fans, the unit, the control panel, Motor with speed control, pressure (high-1, low-3), 7 temperature gauge etc.

- 10 Fault insertion available
 - 3 PCB board available to safety protection
 - PCB Board is connect PC with USB or RS 232
- Instruction Manual

TEKNIK KENDARAAN RINGAN



TRAINER AUTOMOTIVE BASIC ELECTRIC CIRCUIT - KODE : TR - ABEC

Technical Data :

Composition: Maximum voltage: 30A, Working voltage: DV12V,

Relay capacity : approx. 30A, Lamp : approx. 1.4W and 55W, Main fuse : approx. 30A, Relay fuse : approx. 10A, 1.0SQ Jump wire : min 48 set

Minimum 2 Training Contents

Manual Book

Modul Automotive Basic Electrical



TRAINER AUTOMOTIVE ECU PROGRAMING EQUIPMENT - KODE : TR - AEPE

Technical Data :

- Approx. 1,500 CC Gasoline engine (refurbished engine) with cutaway for Cylinder Block, 15 degree of Cylinder head 90 degree of intake manifold. Still frame with Heat treatment painting
- Available to checking injection volume and fixed with fuel recylien system
- Power : 220 Volt, approx. 180W motor
- Motor speed control
- Supplying ECU circuit
- Supplying ECU program
- Supplying Source and Textbook
- Instruction Manual



TRAINER AUTOMOTIVE ELECTRIC & ELECTRONIC CONTROL 8 TYPES - KODE : TR - AEAC

Technical Data :

Composition

- 1) Practice module for Starter motor circuit
 - 2) Practice module for Generator circuit
 - 3) Practice module for Wiper circuit
 - 4) Practice module for Window circuit
 - 5) Practice module for electronic ignition circuit
 - 6) Practice module for multifunctional circuit
 - 7) Door actuators on left, right
 - 8) BCM control Type 4 Cabinet type storage space with 2 door
- Instruction Manual



TRAINER AUTOMOTIVE ENGINE FAULT DIAGNOSIS + AUTO FAULT - KODE : TR - AEFD

Technical Data :

- Ignition coil, Spark Plug, High Voltage Cables, etc
- Stainless molding type safety guard is installed
- Control box, fuel tank (removable), accelerator lever
- Radiator-only stand and laser processing protection panel
- Electrical and electronic devices such as, ECM, TCM, AFS, CKP, CMP, O2 Sensor, WTS, Control Relay, etc
- Injector, Fuel Filter, Fuel Tank, Fuel Pump, Fuel Equipment, DC12V/60A Battery for Vehicles, Generator
- Cooling System such as Radiator, Overflow Tank, Relay, Electric fan
- Exhaust System such as Catalytic Converter, Emission, Silencer
- Ignition Switch (Key S/W) Anti-vibration dampers and an urethane wheels
- Automatic transmission oil pressure gauge for each singular - Vacuum pressure gauge
- Automatic Transmission Assembly
- Battery voltage gauge
- Drawer type storage space
- Fuel pressure gauge

TEKNIK KENDARAAN RINGAN



TRAINER AUTOMOTIVE FAULT DIAGNOSIS EQUIPMENT - KODE : TR - AFDE

Technical Data :

- Composition : vehicle with engine 2000~2,500 cc, 4 cylinders an actual vehicle with gasoline engine - Approx. 20 auto fault available
- Waveform terminals : Cooling control system, Headlight System, VDC System, Steering, Tilt and telescopic, Power Door Locks, IMS (Integrated Memory System), Engine Control, Automatic Transmission Control.
- Power Window, Power outside mirror folding, passenger side power seat
- Instruction Manual



TRAINER AUTOMOTIVE SENSOR MEASURING SYSTEM - KODE : TR - ASMS

Technical Data :

Composition : Crank angle sensor, A/T pulse generator sensor, cam position sensor, ABS wheel sensor, humidity sensor, AQS sensor, Engine temperature sensor, Automatic light sensor, knock sensor, speed sensor, Accelerator position sensor, oxygen sensor, throttle position sensor, air flow sensor, map sensor, safety sensor

Minimum 10 Training Contents

Manual Book

Modul Automotive Sensor System



TRAINER BELT-DRIVE EQUIPMENT - KODE : TR - BDE

Specification :

Power : 230 V / approx. 249 W, Speed : approx. 1437 r/min, Current : approx. 3.3 A, Power : 230 V / approx. 52 W, Speed : approx. 45 r/min, Current : approx. 0.7 A, 7-Gauge, formed-steel baseplate with provision for tabletop mounting. Welded aluminum motor and driven elements. High-durability powder coating, allowing for repeated use and rough handling. Multiple motor positions allow for demonstration of multiple tensioning requirements. Heavy-duty adjustable motor base for parallel tensioning. Provision for two-point tensioning using jacking bolts. Heavy-duty, flanged bearings allowing for variations in shaft misalignment. Fractional horsepower belts and sheaves, allowing for installation at two shaft centerline distances. Multiple type-A belt set, including tapered bushing, 2-groove sheaves, matched belts and a mismatched belt example. Positive drive belt set including belt and sheaves. Sheave bushings, including QD and taper-lock varieties. Belt maintenance tool set. Provision for mounting on related bench and workstation products.

Packaging for shipment via motor freight :

1 set Workstation, 1 unit Motor package, 1 unit Couplings - shaft, 1x Pillow block bearings, Test/measurement package, Toolbox component package, Prony brake, Belt drives, Chain drives, Gear drives, Instruction Manual



TRAINER BRAKE DRUM AND DISK LATHE - KODE : TR - BDADL

Features:

1. Quickly, accurately and efficiently to cutting rotor.
2. Fast and slow setting allow cutting rotor.
3. Quickly, accurately and efficiently to cutting drum.
4. Finitely adjustably setting allow cutting drum.
5. Three kinds of speed 70, 88, 118 rpm to choose for spindle speed.
6. A convenient design allows to quickly change from rotor to drum.
7. Position of stop make the lathe stop automatically after cutting.
8. Fully equipped with adapter package.

Parameters:

Spindle Travel 6-7/8" (175mm)

Handwheel graduations 0.002" (0.05mm)

Rotor thickness 1-7/8" (48mm)

Drum depth 6-7/8" (175mm)

Spindle feed speed 0.002"-0.02" (0.05mm-0.5mm) Rev

approx. 290 kg

Instruction Manual

Spindle speed 70, 88, 118 rpm

Rotor diameter 7" -15" (180mm-381mm)

Drum diameter 6" -28" (152mm-711mm)

Motor 110V/220V/380V, 50/60HZ

Rev Cross feed speed 0.002"-0.02" (0.05mm-0.5mm) Rev Gross weight

TEKNIK KENDARAAN RINGAN



TRAINER CAR AIR CONDITIONER - KODE : TR - CAC

DESCRIPTION :

Trainer AC Cars is working to simulate Car Air Conditioner System. At the show on the components and mechanisms of the workings, simulator tests.

SPECIFICATION :

- Framework (standing) made from 4 mm steel box
- Wheel size 3inch 4buah (2 permanent, 2 free)
- Acrylic
- Condensor
- Motor 220v ac, 3 HP
- Indicators spin machine
- Evaporator
- Elektrik fan
- Relay fun
- Indicators chg
- Receiver dryer
- Thermostat
- Expansion valve
- Fun blower
- Compressor
- Blower
- Key contact

Specification:

- Motor approx. 220 VAC/3HP
- Evaporator
- Condense
- Filter, thermometer and manometer

Instruction Manual



TRAINER CHARGING SYSTEMS - KODE : TR - CSYS

Specification:

1. Electric driven motor AC 220V regulated by inventor
2. Alternator approx. 14V/60AH
3. Electronic Regulator
4. Regulated Load Lamp
5. Charging control lamp, volt meter, ampere meter
6. Main key, Fuse
7. Battery approx. 12V/32AH

Instruction Manual



TRAINER COMMONRAIL ENGINE SIMULATOR - KODE : TR - CES

Specification :

1. Originally diesel engine with commonrail system
2. Commonrail sensors
3. Commonrail actuators
4. Turbo charger
5. Commonrail ECU and Electric driver unit
6. Accumulator approx. 100 AH/12 volt
7. Engine brake system
8. Instrument meter
9. Fuel tank approx. 10 liters
10. Personal computer, LCD monitor, printer

Instruction Manual



TRAINER COMPUTER BASED INTERACTIVE ABS SIMULATOR - KODE : TR - CBIAS

Specification :

1. Originaly Car ABS component
2. ABS hydraulic unit
3. Wheel speed sensor
4. Brake switch
5. Brake manometer
6. Four wheel and road simulator
7. Master brake and pedal
8. ABS ECU
9. Personal computer, LCD monitor, and printer
10. Indicator lamp
11. Measuring point

Instruction Manual

TEKNIK KENDARAAN RINGAN



TRAINER CRDI DIESEL ENGINE FAULT DIAGNOSIS EQUIPMENT - KODE : TR - CDEFD

Technical Data :

Diesel engine simulator that equipped with fuel, cooling, intake, exhaust panel so that allows theoretical training and experiments.

Composition :

- 1) CRDI Diesel engine assembly (Refurbished Engine)
- 2) Fuel Filter, Fuel Tank, Fuel Pump, Fuel Devices, DC 12V Car Battery and Generator
- 3) Cooling Device Such As Radiator, Electric Fan, Overflow Tank and Relay and Antifreeze
- 4) Exhaust system such as catalyst converter and silencer
- 5) Start switch (Key S/W) Anti- vibration dampers and an urethane heels
- 6) Control box (for measurement of waveform), fuel tank and accelerator lever
- 7) Stainless molding type safety guard is installed
- 8) Radiator-only stand and laser processing protection panel
- 9) Drawer type storage space
- 10) Fault insertion, control panel open and close feature and 3 stage PCB board mounted Instruction Manual



TRAINER CRDI ENGINE INJECTION CONTROL SYSTEM WITH AUTO FAULT - KODE : TR - CEICS

Technical Data :

System Control Elektronik Ecu/ecm, Dengan Sensor Ckp,cmp,map,ect,injector, Kontrol Relay ,actuator Dan Fuse Box Kunci Kontak (Ignition Switch) Tahan Terhadap Getaran Dan Control Box Dan Dilengkapi Dengan Kabinet 2 Pintu Dilengkapi Pedal Gas (Accelerator Lever)

Soket Obd Dilengkapi Dengan Power Outlet

Emergency Switch

Motor Listrik Untuk Penggerak 3 Phase 220v Dengan Vsd

Baterai 12v 60ah Dengan Alternator Generator

Instrumen Pengukuran Rpm, Voltage, Beban Arus , Dan Inteligent Tester Pada System Control Auto Fault Simulasi

DIMENSI P X L X T RANGKA :

Rangka Terbuat Dari Hollow 60x40 T 2mm Dengan Finishing Cat Oven Dimensi 1200x800x1000 Pelat 10mm Untuk Brajet Motor Dan Engine

Roda Polyretan 3" Dapat Berputar 360° Dengan Pengunci

Stand, Baraket Engine Dan System Control Di Buat Terpisah (Separate)

Instruction Manual



TRAINER DESKTOP TYPE IMMOBILIZER IGNITION CONTROL SIMULATOR - KODE : TR - DTIIC

Technical Data :

Parts of ignition system are set on a panel with power and wiring terminal,being able to be seen the overall system at a glance.

By manipulating the controller, able to check the waveforms and changes in accordance with RPM speed.

The panel composing the ignition circuit is made with aluminum CNC treated panel.

Specification

Composition : Crank sensors, injectors, spark plugs, fan, relay, RPM meter, self- diagnosis jack, emergency switches, fuses, Key switch, ATS, TPS, WTS, MAP, HO2S Instruction Manual



TRAINER DIESEL ENGINE DIAGNOSIS EQUIPMENT - KODE : TR - DEDE

Technical Data :

Diesel Engine Simulator Type Equipment that equipped with fuel, cooling, intake, exhaust panel so that allows theoretical training and experiments. Easy to check and diagnose all faults that can happen in an actual vehicle system so that it's able to do effective education concerning maintenance system, It is to see internal movement, operation, condition and component's location by cutaway structure.

Specification :

- 1) Diesel engine assembly, manual transmission
 - 2) Start switch
 - 3) Cooling device such as radiator, electric fan and antifreeze
 - 4) Fuel pressure gauge
 - 5) Stainless molding type safety guide is installed
 - 6) Accelerator lever
 - 7) Radiator-only stand and laser process protection panel
 - 8) Vacuum pressure gauge
 - 9) Fuel filter, fuel tank, fuel pump, fuel devices, DC 12V battery and generator
 - 10) Battery voltage measurement gauge
- Instruction Manual

TEKNIK KENDARAAN RINGAN



TRAINER DIESEL ENGINE MODEL STAND - KODE : TR - DEMS

Technical Data :

The trainer is mounted on a self-contained steel frame and base plate, complete with castors.

The engine is operated by hand and is sectioned so that all moving components can be seen and the way they interact can be observed.

This resource is supplied with a manual containing practical tasks and activities.

Specification:

1. Engine : type in-line, four cylinder, four stroke
2. Oil pump, Alternator, intake and exhaust manifold
3. Injectors
4. Engine is mounted on a frame with castors



TRAINER DIESEL ENGINE STAND (LIFE ENGINE) - KODE : TR - DES-E

ENGINE :

Bahan Bakar Diesel 2500-3000 Cc 4 Silinder Inline, System Bahan Bakar Common Rail (Crdi) Dengan Control Electronic (Ecm) Dohc 16 Valve Turbo Diesel, Transmisi Automatic Pengerak Belakang (Fr), System Pendingin (Cooling System) Radiator Dengan Pelindung Pelat Profil Laser Dilengkapi Reservoir Tank (Over Flow Tank) Dan Mekanis Cooling Fan System Pembuangan (Exhaust System) Menggunakan Catalytic Converter Dengan Standart Emisi Dan Dilengkapi Tabung Silencer, Tangki Dan Pompa Bahan Bakar Dilengkapi Filter Dengan Kapasitas 5 Liter Common Rail Fuel Pressure Gauge 1mpa - 120mpa, Vacuum Dan Pressure Gauge 0.1 Mpa

KELISTRIKAN & DASHBOARD :

System Control Electronic Ecu/ecm, Dengan Sensor Ckp,cmp,map,ect,injector, Kontrol Relay ,actuator Dan Fuse Box Battery Indikator Dan Volt Indikator, Kunci Kontak (Ignition Switch) Tahan Terhadap Getaran Dan Control Box Dan Dilengkapi Dengan Kabinet 2 Pintu Dilengkapi Pedal Gas (Accelerator Lever), Baterai 12v 70ah Dengan Ic Alternator Generator Combination Meter Eom Sesuai Standar pada Kendaraan

DIMENSI P X L X T RANGKA :

Rangka Terbuat Dari Hollow 60x40 T 2mm Dengan Finising Cat Oven Dimensi 20000x1000x900 Pipa Stainless Pelindung Body Pada Sisi Kanan Dan Kiri, Roda Polyretan 4" Dapat Berputar 360° Dengan Pengunci, Stand, Baraket Engine Dan System Control Di Buat Terpisah (Separate)



TRAINER DIESEL ENGINE STAND - KODE : TR - DES

Engine startable kit as a virtual car.

There are cooling system and standard components which are installed in the engine.

Specification:

1. Engine: four cylinder, four stroke, water cooling, type in line, Capacity approx. 2000 - 2500cc
2. Panel Instrument: main key, ampere meter, oil control lamp, water temperature meter
3. Sub-system: radiator cooling system, approx. 5 liters fuel tank, exhaust system
4. Power: Battery approx. 12V/40AH



TRAINER DIESEL VEHICLE WITH AUTOMATIC TRANSMISSION - KODE : TR - DVWAT

Technical Data :

Unit mobil yang digunakan untuk pembelajaran interaktif secara utuh mengenai kendaraan ringan berbahan bakar diesel bertransmisi otomatis. Merupakan mobil praktik dimana pada keempat pintu sisi luar terdapat bagian plat yang dipotong dan ditutup dengan akrilik, untuk memperlihatkan sistem mekanik dan electric power window. Pada kap mesin terdapat bagian plat yang dipotong dan ditutup dengan akrilik, untuk memperlihatkan komponen pada sektor mesin.

Specification:

- Completely brand new car.

Performance:

- Engine Displacement: max. 2400cc

- Transmission : Gear Box: min. 4 Speeds

Engine details:

- No of Cylinders: min. 4 inline

- Steering Type: Power Steering

Instruction Manual

- Fuel Type: Diesel

- Transmission Type : Otomatis

- Fuel Supply System : Fuel Injection with Common Rail

TEKNIK KENDARAAN RINGAN



TRAINER DIESEL VEHICLE WITH MANUAL TRANSMISSION - KODE : TR - DVWMT

Technical Data :

Unit mobil yang digunakan untuk pembelajaran interaktif secara utuh mengenai kendaraan ringan berbahan bakar diesel bertransmisi manual. Merupakan mobil praktik dimana pada keempat pintu sisi luar terdapat bagian plat yang dipotong dan ditutup dengan akrilik, untuk memperlihatkan sistim mekanik dan electric power window. Pada kap mesin terdapat bagian plat yang dipotong dan ditutup dengan akrilik, untuk memperlihatkan komponen pada sektor mesin.

Specification :

- Completely brand new car.

Performance :

- Engine Displacement: max. 2400cc
- Transmission : Gear Box: min. 5 Speeds

- Fuel Type: Diesel

- Transmission Type : Manual

Engine details :

- No of Cylinders: min. 4 inline
- Steering Type: Power Steering

- Fuel Supply System : Fuel Injection with Common Rail

Instruction Manual



TRAINER DLI IGNITON SYSTEM - KODE : TR - DIS

Technical Data :

Composition : Crank sensors, injectors, spark plugs, fan, relay, RPM meter, self- diagnosis jack, emergency switches, fuses, Key switch, ATS, TPS, WTS, MAP, HO2S

Minimum 2 Training Contents

Manual Book

Modul DLI System



TRAINER ELECTRIC POWER STEERING + PANEL - KODE : TR - EPSP

Specification:

1. Type : Rack and pinion
2. System : ECU, VSS Simulator, Rpm Simulator
3. Suspension: Coil and Shock Absorber
4. Battery approx. 12V/32AH
5. Panel instrument: speedometer, main key and DLC

TECHNICAL SPECIFICATIONS

- i. Size: Approx. 1700mm x 1200mm x 1800mm (length x width x height)
- ii. Input power: A.C. 220V \pm 10% 50Hz
- iii. Operating power supply: 12V DC
- iv. Operating temperature: -40°C to + 50°C

Trainer System Includes:

- i. Detection control panel with various detection terminals and principle diagram
- ii. Power steering ECU
- iii. Diagnosis socket - OBD II
- iv. Ignition switch
- v. Front axle suspension mechanism
- vi. Movable framework (with self-retention wheels)
- vii. Wheel
- viii. Steering wheel, steering column, electric power steering gear, and steering linkages



TRAINER ELECTRICAL WIRING DIAGRAM SIMULATOR FOR CAR - KODE : TR - EWDSF

Specification

Overall dimension : 1600 x 1280 x 600 (mm), Main board dimension 1200 x 800 x 600 (mm), Integrated on board modules embedded with interface connection board - Connection system : Bluetooth V.2/128 kbps and USB, Can be connected with printer, Expandable to unlimited stations, using single PC as a server, Operating system : windows 10, Upgradable modules & software, EWDS software (CD installer) included real time mode as electrical practical method, True/false LED panel light, - True, false & ending session sound, 256 point connection, 96 paralel point connection, Aluminium T slot 30 x 60 (mm) as frame, Jumper cable rack included, 150 pcs jumper cable (variation of length), Power input AC 220V/0,2A , Manual book, 2 teaching modules : motorcycle electrical body & motorcycle fuel injection, Body electrical for motorcycle modules consist of : 1 phase charging circuit, 3 phase delta & star charging circuit, half wave charging circuit, full wave charging circuit, voltage regulator for 1 phase & 3 phase charging circuit (charging AC & DC system included), contact point ignition circuit, CDI ignition AC circuit, CDI ignition DC circuit, EFI ignition circuit, electric start circuit, switch, light & horn circuit. Motorcycle fuel injection modules consist of : ignition circuit, injector circuit, fuel pump circuit, throttle body circuit, OX sensor circuit, power supply EFI circuit, MIL circuit, CKP circuit

TEKNIK KENDARAAN RINGAN



TRAINER ELECTRONIC AUTO TRANSMISSION GEAR SIMULATOR - KODE : TR - EATGS

Technical Data :

Specification:

1. Originally electronically automatic transmission
2. Consist of three speed gear shifting
3. Torque converter, valve body unit, sensor and ECU
4. PC, LCD monitor and printer
5. Gear position shifting
6. Input speed, output speed and gear ratio

Instruction Manual



TRAINER ELECTRONIC CONTROL CHASSIS SIMULATOR TOOL SET - KODE : TR - ECCST

Technical Data :

- Able to check the value of Interior ABS, Engine (speed, pressure gauge), EPS (lighting) automotive sensor on ECU by eliminating the entire seats in the back side of half of the vehicle.

Specification

Composition

- Remove all the seats behind half of actual automobile
- Vehicular underbody frame, control frame
- Actual automobile 1/2
- Control box (material : steel)
- Motor three phases 380V, approx. 2.2Kw, 1200 RPM
- Inverter three phases 380V 3HP
- Instruction Manual



TRAINER ELECTRONIC CRUISE CONTROL SIMULATOR - KODE : TR - ECCS

Specification:

1. Motorized throttle unit
2. Full Electronic Cruise ECU
3. Full Electronic Simulated ECM
4. 3 Phase asynchronous motor simulated fuel engine plant
5. Drive wheel simulated powertrain
6. Sensor digital and analog for cruise panel cluster
7. Sensor actuator measuring point panel cluster

Instruction Manual



TRAINER ENGINE MANAGEMENT - KODE : TR - EM

DESCRIPTION :

Trainer Engine Management System Toyota Avanza VVT-i serves to simulate the Electric Fuel Injection System along with VVT-I on Cars, ranging from diagnosis, inspection, measurement and test system components EFI.

SPECIFICATION :

Framework (stand) made of iron approx. 4 mm, Type Control Unit: TOYOTA AVANZA /XENIA VVT-i ECT Sensor, IAT Sensor, Injector, MAP Sensor, Throttle Sensor Unit, Ignition Coil, VVT-, The CMP + CKP Sensor Unit, ECU, DLC, Manometer, Relay, Binding Post, Jack Banana, Key Contacts, Control Round, LED Lights, Power supply / Battery, consist of Sensors and Actuators, Electronic Control Unit (ECU), RPM meter and Indicator lamp, Data link Connector, Driven motor and speed regulator Battery approx. 12V/ 32 AH.

TEKNIK KENDARAAN RINGAN



TRAINER ENGINE STRUCTURE EQUIPMENT CARBURETOR TYPE - KODE : TR - ESECT

ENGINE :

Engine 1000 - 1500 Cc, 4 Langkah, 4 Silinder Inline, System Bahan Bakar Konvensional Carburetor Engine Sohc/ohc, Lengkap Dengan Alternator Dan Motor Stator, Motor Listrik Penggerak Dihubungkan Pada Flywheel Dengan Variable Speed Drive (Vsd), Komponen Bagian Mesin Terpotong Diwarnai Secara Berbeda Sehingga Dapat Membedakan Setiap Bagian Komponen, Bagian Dalam Mesin Dapat Terlihat Kirakira 30% Dengan Komponen Pendukung

KELISTRIKAN & DASHBOARD :

Motor Penggerak Dengan Gearbox 220volt 3phase, Pengatur Kecepatan Mesin Dengan Variable Drive Speed (Vsd) Potensio Pengatur Kecepatan Mesin (Accelerator Lever), Volt Dan Amper Indicator, Emergency Switch, Power Supply Inlet 220v Dengan Mcb Dan Fuse, Box Panel Listrik

DIMENSI P X L X T RANGKA :

Rangka Terbuat Dari Hollow 40x40 T 2mm Dengan Finising Cat Oven Dimensi 600x600x12000 Pelat 2mm Untuk Untuk Frame Penyagah Mesin Dan Box Panel, Roda Polyretan 3" Dapat Berputar 360° Dengan Pengunci, Stand, Baraket Engine Dan System Control Di Buat Terpisah (Separate)



TRAINER ENGINE STRUCTURE EQUIPMENT FUEL INJECTION TYPE - KODE : TR - ESEFI

Technical Data :

- Educational model for 1500~2000 cc Gasoline Direct Injection (GDI) Engine

Specification :

Consist of GDI Engine 4 cylinders (Refurbhised engine), AC 220V Motor, Controller, Emergency Switch, Safety Fuse, Light.

Instruction Manual



TRAINER FUEL INJECTION MANAGEMENT SYSTEM SIMULATOR - KODE : TR - FIMSS

Technical Data :

Mobile stand on fourwheel, Gasoline injector engine management system (MPI) with multipoint petrol injection installed in upper part of stand, Stand allow to monitoring the following, Fuel supply system, Amount of injected fuel, Fuel pressure of the fuel pump, Construction of the fuel pump and fuel distribution system allow visually see the distribution of the fuel flow, The ignition system and spark plugs installed in a way that allows visual monitoring of their activities, Air flow in the intake manifold are adjustable, allowing functional demonstration of air mass flow and air temperature sensors, Adjustable crankshaft rotation speed, Ability altering the air/fuel mixture by the O2 sensor signal simulator, Engine management system have a built-in voltmeter, The stand has a closed structure, internal wiring is not visible, Training bench equipped with a network power supply (220 /12V) and a battery (12V), Training stand include, Automobile oscilloscope, EOBD diagnostics equipment
Instruction Manual



TRAINER GASOLINE ENGINE POWER TRAIN SYSTEM - KODE : TR - GEPTS

Technical Data :

- Educational Model for operating F/F Type Manual Transmission and Power Train System Structure of Gasoline Engine Vehicle.
- Each incised section is painted with different colors for education efficiency.
- It is able to show the movement as same as actual car by AC 220V motor operation.

Composition :

approx. 1,500 cc Class Engine, F/F Type Gasoline Engine Assy, Manual Transmission Assy, 1 set of Lighting, Brake system, Steering system, Shock Absorber, Driveshaft, Front Axle, Fuel Tank, Change Lever, Battery, Fuel Motor, Intake, Exhaust system, Controller, Safety Break

- Instruction Manual

TEKNIK KENDARAAN RINGAN



TRAINER GASOLINE ENGINE TRAINER (EFI) STAND WITH WIRING PANEL - KODE : TR - GET-S

DESCRIPTION :

Trainer Engine Management System Toyota Avanza VVT-i serves to simulate the Electric Fuel Injection System along with VVT-I on Cars, ranging from diagnosis, inspection, measurement and test system components EFI.

SPECIFICATION :

Framework (stand) made of iron 4 mm, Type Control Unit : TOYOTA AVANZA VVT-I, ECT Sensor • IAT Sensor, Injector MAP Sensor, Throttle Sensor Unit, Ignition Coil, VVT-I, The CMP + CKP Sensor Unit, ECU, DLC, Manometer, Relay, Binding Post, Jack Banana, Key Contacts, Control Round LED Lights, Power supply / Battery, consist of :Sensors and Actuators, Electronic Control Unit (ECU), RPM meter and Indicator lamp, Data link Connector, Driven motor and speed regulator, Battery approx. 12V/ 32 AH.



TRAINER GASOLINE FUEL INJECTION CONTROL SYSTEM WITH AUTO FAULT - KODE : TR - GFICS

Technical Data :

Composition : Fuel Tank, Fuel Pump, pressure regulators, ECU, Injector, fan, crank gear, cam gear, tester for fuel injection

1) Ignition circuit : Coil, ignition plug, air intake

2) Sensor : Temperature sensor, oxygen sensor, air flow sensor, air temperature sensor, an engine temperature sensor, exhaust gas sensor, crank sensor and a cam sensor,

Power supply, Cabinet Type storage space with 2 door

Auto Fault Function

Training Contents

Measure the waveforms and check the changes according to RPM speed.

Manual Book

Modul Gasoline Fuel Injection Control System



TRAINER GASOLINE VEHICLE WITH AUTOMATIC TRANSMISSION - KODE : TR - GWWAT

Technical Data :

Unit mobil yang digunakan untuk pembelajaran interaktif secara utuh mengenai kendaraan ringan berbahan bakar bensin bertransmisi otomatis. Merupakan mobil praktik dimana pada keempat pintu sisi luar terdapat bagian plat yang dipotong dan ditutup dengan akrilik, untuk memperlihatkan sistim mekanik dan electric power window. Pada kap mesin terdapat bagian plat yang dipotong dan ditutup dengan akrilik, untuk memperlihatkan komponen pada sektor mesin.

Specification :

- Completely brand new car.

Performance:

- Engine Displacement: max. 1300cc

- Transmission : Gear Box: min. 4 Speeds

Engine details :

- No of Cylinders : min. 4 inline

- Steering Type: Electric Power Steering

Instruction Manual

- Fuel Type: Petrol

- Transmission Type: Automatic

- Fuel Supply System : Injection



TRAINER GASOLINE VEHICLE WITH MANUAL TRANSMISSION - KODE : TR - GWWMT

Technical Data :

Unit mobil yang digunakan untuk pembelajaran interaktif secara utuh mengenai kendaraan ringan berbahan bakar bensin bertransmisi manual.. Merupakan mobil praktik dimana pada keempat pintu sisi luar terdapat bagian plat yang dipotong dan ditutup dengan akrilik, untuk memperlihatkan sistim mekanik dan electric power window. Pada kap mesin terdapat bagian plat yang dipotong dan ditutup dengan akrilik, untuk memperlihatkan komponen pada sektor mesin.

Specification :

- Completely brand new car.

Performance:

- Engine Displacement: max. 1300cc

- Transmission Gear Box: min. 5 Speeds

Engine details :

- No of Cylinders : min. 4 inline

- Steering Type: Electric Power Steering

Instruction Manual

- Fuel Type: Petrol

- Transmission Type Manual

- Fuel Supply System : Injection

TEKNIK KENDARAAN RINGAN



TRAINER HYBRID ELECTRIC VEHICLE PARALLEL SIMULATOR - KODE : TR - HEVPS

Technical Data :

Features:

1. Hybrid drives are essentially meant to meet three objectives: save fuel, reduce emissions, and increase torque/power.
 2. Different hybrid concepts can be employed depending on the required application.
 3. With our system trainees can learn on their own the most important technical fundamentals of hybrid drives.
 4. Based on job orders and fault descriptions students plan diagnostics of individual components, carry out testing on systems and do repair work on original motor vehicle parts.
 5. In the course of measurements and experiments the students acquire practical knowhow for every day on the job and vocational training
- Instruction Manual



TRAINER HYDRAULIC POWER STEERING TRAINER - KODE : TR - HPST

TECHNICAL SPECIFICATIONS

Dimensions Approx. 1200mm x 1600mm x 1200mm
Operation environment Temperature -5°C - 40°C, Humidity ≤80%
Working voltage 220V
Frequency 50/60Hz
Power 1.5KW

Specification:

1. Type : Rack and pinion
2. Hydraulic unit: power steering pump, regulator valve and pressure pipe
3. Suspension: Coil and Shock Absorber
4. Driven motor: AC 220V
5. Instrument panel: manometer, main key and indicator lamp



TRAINER LIGHTING AND CAN BUS WORKSHEET - KODE : TR - LACBW

Main Technical Specifications:

CAN function box for accessing CAN Bus signals, including drive train, comfort, combi, diagnosis and infotainment. LIN Bus signals comfort and power supply. CAN error plug-in box. BUS measuring box. CAN error switch box. Fitted with manufacturers diagnostic socket. CAN-BUS Trainer mounted on a bench top frame.

Other Specifications:

Supply Voltage: 12V DC, Dimensions (WxLxH): 1400 x 500 x 1000 mm, Weight: 40 kg, Lighting system with head lamp, tail lamp, turning light and interior lamp, All lighting system used canbus, High speed can bus, Low speed can bus, Measuring point of high and low can, Instrument meter using can bus, Lighting and signaling lamp using standard switching in can bus, Battery approx. 12V/50AH



TRAINER MEKANIKAL TRAINER - KODE : TR - MT

Technical Data :

Konfigurasi minimal :

- 1 Set Mechanics Basics
- 1 Set Simple Machines
- 1 Set Gears and Gear Trains
- 1 Set Friction-Belt Drives
- 1 Set Synchronous-Belt Drives
- 1 Set Chain Drives
- 1 Set Pulley Systems
- 1 Set Memeriksa Alat Pembatas dan Pengukur Tegangan Rendah (APP-TR)
- Shaft (Crank, Flexible, Linear shaft), Coupling (Claw, Chain), Universal joint, Link, Belt (Timing, V type), Cylinder, Singlephase 220V, 1/2 HP motor, Lamp, Emergency switch, Key switch, Gear (Straight bevel, Spiral bevel, Spur, Worm), Bearing (Thrust ball, Ball, Sliding, Taper roller, Roller, Niddle)
- Buku petunjuk Penggunaan

TEKNIK KENDARAAN RINGAN



TRAINER PETROL ENGINE STAND (LIFE ENGINE) - KODE : TR - PES-E

ENGINE :

Bahan Bakar Gasoline (Petrol) 1500 - 2000 Cc 4 Sillinder Inline, Turbo System Dengan Pendingin Udara Intercooler Dan Blow Off Engine Dohc 16 Valve Dengan System Efi, System Pendingin (Cooling System) Dengan Radiator Dilengkapi Resevoir Tank (Over Flow Tank) Dan Electric Fan, System Pembuangan (Exhaust System) Menggunakan Catalytic Converter Dengan Standart Emisi Dan Dilengkapi Tabung Silencer, Tangki Dan Pompa Bahan Bakar Dilengkapi Filter Dengan Kapasitas 5 Liter

KELISTRIKAN & DASHBOARD :

System Control Elektronik Ecu/ecm,tcm Dengan Sensor Ckp,cmp,map,afs,o2,ect,injector, Kontrol Relay ,actuator Dan Fuse Box System Penganpian Direct Ignition Coil Dengan 4 Coil 4 Busi(Sparg Plug) Kunci Kontak (Ignition Switch) Tahan Terhadap Getaran Dan Control Box Dan Dilengkapi Dengan Kabinet 2 Pintu, Dilengkapi Pedal Gas (Accelerator Lever), Baterai 12v 60ah Dengan Altenator Generator, Combination Meter Eom Sesuai Standar pada Kendaraan

DIMENSI P X L X T RANGKA :

Rangka Terbuat Dari Hollow 60x40 T 2mm Dengan Finising Cat Oven 1200x1000x900 Roda Polyretan 3" Dapat Berputar 360' Dengan Pengunci, Stand, Baraket Engine Dan System Control Di Buat Terpisah (Separate) Manual Book Dilengkapi 12 Konten Job Sheet Untuk System Simulasi Kerusakan Pada Sensor Dan Actuator .



TRAINER POWER STEERING SYSTEM AND SUSPENSION TRAINING EQUIPMENT - KODE : TR - PSSAS

Technical Data :

- Operating rack and pinoin type power steering system.
- Power pump, pressure pipe, control valve, wheels are installed.

Specification :

- Composition of Control panel : Temperature display device 2set, Pressure gauge, Speed control lever, PCB board for speed control, Inverter, Fuse holder, Emergency switch, Key switch, steering device circuit diagram
- AC 220/380V power motors, power pump drive
- Tire ground control function
- Input Pressure Gauge from Power Pump-display Oil temperature in digital
- KEY, TPS, inverters, clusters, diagnostic connector equipped
- CNC Engraving in the front panel aluminum
- Approx. 3HP driving motor
- Instruction Manual



TRAINER SUSPENSION SYSTEM TRAINING EQUIPMENT - KODE : TR - SSTE

Technical Data :

- An educational unit of suspension structure.
- 360 degrees reverse stand.
- Wheels and the steering is installed in the structure.
- Composition

- 1) FF in the structure
- 2) 360 reverse stand mounted
- 3) 60~100 : 1 reducer installed
- 4) Manual rotation type

Instruction Manual



TRAINER VEHICLE ECU AND SIMULATOR - KODE : TR - VES

Specification:

1. Microcontroller
2. Drivers
3. Signal processing
4. Data acquisition using PC and Monitor LCD

TEKNIK KENDARAAN RINGAN



TRAINER VEHICLE FRAME STRUCTURE EQUIPMENT - KODE : TR - VFSE

Technical Data :

- Understand the structure by checking vehicle frame directly.
 - Understand differential gear, brake, suspension of rear-wheel drive vehicle frame.
 - Inspection of steering system and worm gear.
 - Disc brake suspension and Rear Wheel Type.
 - Composition : 1 set of rear wheel vehicle frame, steering, rack and pinion, disc brake, differential gear, leaf spring, etc
- Instruction Manual



TRAINER CUTTING GASOLINE ENGINE MODEL - KODE : TRC - GEM

This trainer provides the instructor with a complete 4-cylinder gasoline engine for group or whole-class demonstration. The engine is mounted on a moveable, heavy-duty steel frame, which allows it to be easily transported between workshop and classroom. Instructors and students can operate the engine by turning the hand crank. The sectioned block and components allow all moving parts to be seen, as well as the way in which they interact with each other.

Specification:

1. Engine : type in-line, four cylinder, four stroke
2. Oil pump, Alternator, intake and exhaust manifold
3. Spark plugs
4. Engine is mounted on a frame with castors

TEKNIK SEPEDA MOTOR



TRAINER ENGINE MANAGEMENT MOTORCYCLE F-i - KODE : TR - EMMF

Mesin Yamaha Vixion fi 150 cc
Injector, Pompa bensin, busi, Coil, Throttle body, blank angle Sensor, Engine oil temperature, pick up coil, ECM, Diagnosis connector Check Engine, Switch Stater, Accelator control, Speedo meter, Check Engine, Rpm, Panel Acrylic don sablon, Banana jack, Baterai 12 Volt 5 Ah.

RANGKA

Terbuat dari Stand Hollo 1,5mm don kayu untuk panel. Dimensi: 160x70x 130 cm, Menyesuaikan, Roda Caster Whell 3"



TRAINER ENGINE MANAGEMENT ELECTRICAL MOTORCYCLE F-i - KODE : TR - EMFEM

Mesin Yamaha Vixion fi 150 cc
Injector, Pompa bensin, busi, Coil, Throttle body, Blank angle Sensor, Engine oil temperature, pick up coil. ECM, Diagnosis connector Check Engine, Switch Stater, Accelator control, Speedo meter, Check Engine, Rpm, lampu kepala, Lampu belakang, lampu sen, lampu kota, Saklar kombinasi, Kunci Kontak, relay, Fuse, Flasher, Switch rem, Dinamo Stater, lampu indikator, banana jack, Mika Papan Acrylic, sablon, Sistem pendingin Air, Tangki bensin 3 Ltr.

Regulator, CDI, Spark Plug (busi),
Magnet don Spul, Motor listrik 220 volt, Baterai 12 Volt 3,5 Ah

RANGKA

Terbuat dari Stand Hollo 1,5mm don kayu untuk panel. Dimensi : 160x70x 130 cm, Menyesuaikan, Roda Caster Whell 3"



TRAINER HONDA ELECTRICAL BODY OF MOTORCYCLE - KODE : TR - HEBOM

Kelistrikan sepeda motor Honda Supra X 125
Lampu kepala, Lampu belakang, Lampu sen, lampu kota, Saklar kombinasi, Kombinasi meter, Kunci Kontak, relay, Fuse, Flasher, Switch rem, Dinamo Stater, Pelampung bensin, lampu indikator, banana jack, Mika

Regulator, CDI, Spark Plug (busi)
Magnet don Spul, Motor listrik 220 volt, baterai 12 Volt 3,5 Ah

RANGKA

Terbuat dari Stand Hollo 1,5mm don kayu untuk panel. Dimensi: 160x70x 130 cm, Menyesuaikan, Roda Caster Whell 3"



TRAINER BODY ELECTRICAL BODY MOTORCYCLE - KODE : TR - BEBM

Kelistrikan sepeda motor Honda Beat 110 cc
Lampu kepala, Lampu belakang, Lampu sen, lampu kota, Saklar kombinasi, Kombinasi meter, Kunci Kontak, relay, Fuse, Flasher, Switch rem, Dinamo Stater, Pelampung bensin, lampu indikator. banana jack, Mika

Regulator, CDI, Spark Plug (busi)
Magnet don Spul, Motor listrik 220 volt, baterai 12 Volt 3,5 Ah

RANGKA

Terbuat dari Stand Hollo 1,5mm don kayu untuk panel. Dimensi: 160x70x 130 cm, Menyesuaikan, Roda Caster Whell 3"

TEKNIK SEPEDA MOTOR



TRAINER YAHAMA ELECTRICAL BODY OF MOTORCYCLE - KODE : TR - YEBOM

Kelistrikan sepeda motor YAMAHA 110 cc

Lampu kepala, Lampu belakang, Lampu sen, lampu kota, Saklar kombinasi, Kombinasi meter, Kunci Kontak, relay, Fuse, Flasher, Switch rem, Dinamo Stater, Pelampung bensin, lampu indikator, Banana jack, Mika, Baterai 12 Volt 3,5 Ah

RANGKA

Terbuat dari Stand Hollo 1,5mm don kayu untuk panel. Dimensi: 160x70x 130 cm, Menyesuaikan, Roda Caster Whell 3"



TRAINER MOTORCYCLE SPORT - KODE : TR - MS

Motor 4 tak 200 cc, Engine Motor Hidup, 1 cylinder transmisi manual, Tangki bensin, knalpot, Lampu kepala, Lampu belakang, Lampu sen, lampu kota, Saklar kombinasi, Kombinasi meter, Kunci Kontak, relay, Fuse, Sistem pengapian CDI, Sistem stater model Elektrik dan kick stater. Baterai 12 Volt 5 Ah.

RANGKA

Terbuat dari Stand Besi bulat 1,5 mm berwarna Biru, Dimensi : 160x70x 130 cm, Menyesuaikan, Roda Caster Whell 3"



TRAINER MOTORCYCLE PGMF-i - KODE : TR - MP

Motor 4 tak 125 cc, Sistem PGMFi, Pendingin udara, 1 cylinder transmisi manual, Tangki bensin, knalpot, Lampu kepala, Lampu belakang, Lampu sen, lampu kota, Saklar kombinasi, Kombinasi meter, Kunci Kontak, relay, Fuse, Sistem pengapian CDI, Sistem stater model Elektrik dan kick stater. Baterai 12 Volt 3,5 Ah.

RANGKA

Terbuat dari Stand Besi bulat 1,5 mm berwarna Biru, Dimensi : 160x70x 130 cm, Menyesuaikan, Roda Caster Whell 3"



TRAINER MOTORCYCLE BEBEK SPORT - KODE : TR - MBS

Mesin 4 tak, DOHC 4-Katup berpendingin oli, SACS, 1 cylinder Diameter silinder 62.0 mm, kapasitas silinder 147 cc, Perbandingan kompresi 10.2 : 1, Tangki bensin, knalpot, Lampu kepala, Lampu belakang, Lampu sen, lampu kota, Saklar kombinasi, Kombinasi meter, Kunci Kontak, relay, Fuse, Sistem pengapian CDI, Sistem stater model Elektrik dan kick stater. Baterai 12 Volt 3,5 Ah. Transmisi : 6 Percepatan Constant mesh. Arah perpindahan gigi 1 ke bawah, 5 ke atas.

RANGKA

Terbuat dari Stand Besi bulat 1,5 mm berwarna Biru, Dimensi 160x70x 130 cm, Menyesuaikan, Roda Caster Whell 3"

TEKNIK SEPEDA MOTOR



TRAINER MOTORCYCLE AUTOMATIC - KODE : TR - MA

Motor 4 tak 110 cc.

Diameter x langkah 50 x 55 mm, Sistem Karburator, Pendingin udara dengan kipas, Transmisi otomatis V-belt otomatis (CVT), Tangki bensin, knalpot, Lampu kepala, Lampu belakang, Lampu sen, lampu kota, Saklar kombinasi, Kombinasi meter, Kunci Kontak, relay, Fuse, Sistem pengapian CDI. Sistem stater model Elektrik dan kick stater. Baterai 12 Volt 3,5 Ah.

RANGKA

Campuran Rangka asli dan Stand Besi Hollo 1,5 mm berwarna Biru, Dimensi: 160x70x 130 cm, Menyesuaikan, Roda Caster Wheel 3"



TRAINER MOTORCYCLE AUTOMATIC INJECTION - KODE : TR - MAI

Motor 4 tak 2 Valve SOHC, 1 silinder 113,7 cc, Diameter langkah 50 x 57,9 mm, Sistem Inieksi, Pendingin udara, Transmisi otomatis V-8elt/CVT, Tangki bensin, Fuel pump. Check Engine, knalpot, Lampu kepala, Lampu belakang, Lampu sen, lampu kota, Saklar kombinasi, Kombinasi meter, Kunci Kontak, relay, Fuse, Sistem pengapian TCI, Sistem stater model Elektrik dan kick stater. Dilengkapi pedal kaki, Baterai 12 Volt 3,5 Ah. Bagian dalam transmisi otomatis diperlihatkan sehingga memudahkan pembelajaran.

RANGKA

Campuran Rangka asli dan Stand Besi Hollo 1,5mm berwarna Biru, Dimensi : 130 x 67,5 x 125 cm, Menyesuaikan, Roda Caster Wheel 3"



TRAINER CUTTING HONDA SEPEDA MOTOR - KODE : TRC - HSM

Honda Tiger 4 Tak 200 cc cutting 50 " , Bagian cutting diwarnai Mencolok. Sistem Pengapian CDI aktif

Motor Listrik high power with gear box 350 watt

Stand dapat diputar 360 derajat

Roda Teflon

Menggunakan power suplay 12V, 5 Amp. Rekondisi

Komponen layak pakai seperti baru



TRAINER CUTTING YAMAHA SEPEDA MOTOR - KODE : TRC - YSM

Mesin 110 cc cutting 50%, Bagian Cutting diwarnai mencolok dengan Sistem pengapian Aktif.

Motor Listrik High power With Gear box 350 Watt

Stand dapat diputar 360 derajat

Roda Teflon

Menggunakan Power Suplay 12V, 5 Amp. Rekondisi

Komponen layak pakai seperti baru.

TEKNIK SEPEDA MOTOR



TRAINER ENGINE MANAGEMENT SECTIONED MOTORCYCLE - KODE : TR - EMSM

Mesin 4 tak, SOHC PGMF-i berpendingin Udara, 1 cylinder Diameter silinder 62.0 mm, kapasitas silinder 124,8cc, Sistem bahan bakar injeksi PGMF-i, Tangki bensin, Kombinasi meter Tachometer. Check Engine indicator, Fuel indicator Kunci Kontak, Sistem pengapian CDi, Sistem stater model Elektrik dan kick stater. Connector to diagnosis SCAN, Tronsmisi : 4 speed (N-1-2-3-4) Rotary, kopling : Otomatis sentrifugal , tipe basah don ganda. Engine dicutting sebagai simulator. Motor listrik 220 Volt, Baterai 3,5 Ah

RANGKA

Terbuat dari Stand Hello 2mm berwarna Biru, Dimensi : 160x70x 130 cm, Menyesuikan, Roda Caster Wheel 3"



TRAINER CUTTING MOTORCYCLE ENGINE - KODE : TRC - ME

Mesin 4 tak, berpendingin Udara, 1 cylinder, dengan Volume 100 cc, Sistem bahan bakar Karburator, pengapian CDI, Sistem stater model Elektrik dan kick stater. Tronsmisi: 4 speed (N-1-2-3-4) Rotary, kopling : Otomatis sentrifugal, tipe basah don ganda. Engine dicutting sebagai simulator. Motor listrik 220 Volt, Baterai 3,5 Ah

RANGKA

Terbuat dari Stand Hello 2mm berwarna Biru, Dimensi : 160x70x 130 cm, Menyesuikan, Roda Caster Wheel 3"



TRAINER MOTORCYCLE DISC BRAKE - KODE : TR - MDB

Front disc brake, Rear drum brake, Handle control set : Rear brake control. Front brake Control. Light Control Brake, Papan pertinak, banana jack, cable rem belakang, cable rem depan, Motor listrik 220 Volt, Power suplai

RANGKA

Terbuat dari Stand Hello 2mm berwarna Biru, Dimensi : 160x70x 130 cm, Menyesuikan, Roda Caster Wheel 3"



TRAINER ENGINE MANAGEMENT HONDA PGMF - I - KODE : TR - EMHP

Sepeda motor Honda 110 cc PGMF-i Injector, Pompa bensin, busi, Coil, Throttle body, bank angle Sensor, Engine oil temperature, pickup coil, ECM, Diagnosis connector Check Engine, Switch Stater, Accelotor control, Speedo meter, Check Engine, Rpm, Panel Acrylic don soblon, banana jack, Pompa bensin dan Tangki 3Ltr , baterai 12 Volt 3,5 Ah

RANGKA

Terbuat dari Stand Hollo 1,5mm don kony untuk panel.

Dimensi: 160x70x 130cm, Menyesuikan, Roda Caster Wheel 3"

TEKNIK SEPEDA MOTOR



TRAINER ENGINE MANAGEMENT MOTORCYCLE PGMF-i - KODE : TR - EMMP

Mesin Hondo supra x 125 PGMF-i Injector, Pompa bensin, busi, Coil, Throttle body, bank angle Sensor, Engine oil temperature, pickup coil, ECM, Diagnosis connector Check Engine, Switch Stater, Accelotor control, Speedo meter, Check Engine, Rpm, Panel Acrylic don soblon, banana jack, baterai 12 Volt 3,5 Ah.

RANGKA

Terbuat dari Stand Hollo 1,5mm dan kovu untuk panel.
Dimensi : 160x70x 130cm, Menyesuaikan, Roda caster whell 3"

TOOLS

COMBINATION WRENCH KUNCI RING PAS (METRIC)

ITEM CODE	UKURAN
WR-CO0001	6 mm
WR-CO0002	7 mm
WR-CO0003	8 mm
WR-CO0004	9 mm
WR-CO0005	10 mm
WR-CO0006	11 mm
WR-CO0007	12 mm
WR-CO0008	13 mm
WR-CO0009	14 mm
WR-CO0010	15 mm
WR-CO0011	16 mm
WR-CO0012	17 mm
WR-CO0013	18 mm
WR-CO0014	19 mm
WR-CO0015	20 mm
WR-CO0016	21 mm
WR-CO0017	22 mm
WR-CO0018	23 mm
WR-CO0019	24 mm
WR-CO0020	25 mm
WR-CO0021	26 mm
WR-CO0022	27 mm
WR-CO0023	28 mm
WR-CO0024	29 mm
WR-CO0025	30 mm
WR-CO0026	32 mm
WR-CO0027	33 mm
WR-CO0028	34 mm
WR-CO0029	35 mm
WR-CO0030	36 mm
WR-CO0031	38 mm
WR-CO0032	41 mm
WR-CO0033	42 mm
WR-CO0034	46 mm
WR-CO0035	50 mm
WR-CO0036	55 mm
WR-CO0037	60 mm

INCH

ITEM CODE	UKURAN
WR-CO0038	5/16"
WR-CO0039	3/8"
WR-CO0040	7/16"
WR-CO0041	1/2"
WR-CO0042	9/16"
WR-CO0043	5/8"
WR-CO0044	11/16"
WR-CO0045	3/4"
WR-CO0046	13/16"
WR-CO0047	7/8"
WR-CO0048	15/16"
WR-CO0049	1"
WR-CO0050	1-1/16"
WR-CO0051	1-1/8"
WR-CO0052	1-1/4"



BOX END WRENCH KUNCI RING

ITEM CODE	UKURAN
WR-BE0053	6 X 7 mm
WR-BE0054	8 X 9 mm
WR-BE0055	8 X 10 mm
WR-BE0056	10 X 11 mm
WR-BE0057	10 X 12 mm
WR-BE0058	12 X 13 mm
WR-BE0059	12 X 14 mm
WR-BE0060	14 X 15 mm
WR-BE0061	14 X 17 mm
WR-BE0062	16 X 17 mm
WR-BE0063	17 X 19 mm
WR-BE0064	18 X 19 mm
WR-BE0065	19 X 21 mm
WR-BE0066	20 X 22 mm
WR-BE0067	21 X 23 mm
WR-BE0068	22 X 24 mm
WR-BE0069	24 X 27 mm
WR-BE0070	25 X 28 mm
WR-BE0071	30 X 32 mm

OPEN END WRENCH KUNCI PAS

ITEM CODE	UKURAN
WR-OE0072	6 X 7 mm
WR-OE0073	8 X 9 mm
WR-OE0074	8 X 10 mm
WR-OE0075	10 X 11 mm
WR-OE0076	10 X 12 mm
WR-OE0077	12 X 13 mm
WR-OE0078	12 X 14 mm
WR-OE0079	14 X 15 mm
WR-OE0080	14 X 17 mm
WR-OE0081	16 X 17 mm
WR-OE0082	17 X 19 mm
WR-OE0083	18 X 19 mm
WR-OE0084	19 X 21 mm
WR-OE0085	20 X 22 mm
WR-OE0086	21 X 23 mm
WR-OE0087	22 X 24 mm
WR-OE0088	24 X 27 mm
WR-OE0089	25 X 28 mm
WR-OE0090	30 X 32 mm

COMBINATION WRENCH - SUNK PANEL KUNCI RING PAS - SUNK PANEL

ITEM CODE	UKURAN
WR-CO0091	6 mm
WR-CO0092	7 mm
WR-CO0093	8 mm
WR-CO0094	9 mm
WR-CO0095	10 mm
WR-CO0096	11 mm
WR-CO0097	12 mm
WR-CO0098	13 mm
WR-CO0099	14 mm
WR-CO0100	15 mm
WR-CO0101	16 mm
WR-CO0102	17 mm
WR-CO0103	18 mm
WR-CO0104	19 mm
WR-CO0105	20 mm
WR-CO0106	21 mm
WR-CO0107	22 mm
WR-CO0108	23 mm
WR-CO0109	24 mm
WR-CO0110	25 mm
WR-CO0111	26 mm
WR-CO0112	27 mm
WR-CO0113	28 mm
WR-CO0114	29 mm
WR-CO0115	30 mm
WR-CO0116	32 mm



BOX END WRENCH 75° - SUNK PANEL KUNCI RING 75 DERAJAT - SUNK PANEL

ITEM CODE	UKURAN
WR-BE0136	6 X 7 mm
WR-BE0137	8 X 9 mm
WR-BE0138	8 X 10 mm
WR-BE0139	10 X 11 mm
WR-BE0140	10 X 12 mm
WR-BE0141	12 X 13 mm
WR-BE0142	12 X 14 mm
WR-BE0143	14 X 15 mm
WR-BE0144	14 X 17 mm
WR-BE0145	16 X 17 mm
WR-BE0146	17 X 19 mm
WR-BE0147	18 X 19 mm
WR-BE0148	19 X 21 mm
WR-BE0149	20 X 22 mm
WR-BE0150	21 X 23 mm
WR-BE0151	22 X 24 mm
WR-BE0152	24 X 27 mm
WR-BE0153	25 X 28 mm
WR-BE0154	30 X 32 mm

BOX END WRENCH - SUNK PANEL KUNCI RING - SUNK PANEL

ITEM CODE	UKURAN
WR-BE0117	6 X 7 mm
WR-BE0118	8 X 9 mm
WR-BE0119	8 X 10 mm
WR-BE0120	10 X 11 mm
WR-BE0121	10 X 12 mm
WR-BE0122	12 X 13 mm
WR-BE0123	12 X 14 mm
WR-BE0124	14 X 15 mm
WR-BE0125	14 X 17 mm
WR-BE0126	16 X 17 mm
WR-BE0127	17 X 19 mm
WR-BE0128	18 X 19 mm
WR-BE0129	19 X 21 mm
WR-BE0130	20 X 22 mm
WR-BE0131	21 X 23 mm
WR-BE0132	22 X 24 mm
WR-BE0133	24 X 27 mm
WR-BE0134	25 X 28 mm
WR-BE0135	30 X 32 mm



OPEN END WRENCH - SUNK PANEL KUNCI PAS - SUNK PANEL

ITEM CODE	UKURAN
WR-OE0155	6 X 7 mm
WR-OE0156	8 X 9 mm
WR-OE0157	8 X 10 mm
WR-OE0158	10 X 11 mm
WR-OE0159	10 X 12 mm
WR-OE0160	12 X 13 mm
WR-OE0161	12 X 14 mm
WR-OE0162	14 X 15 mm
WR-OE0163	14 X 17 mm
WR-OE0164	16 X 17 mm
WR-OE0165	17 X 19 mm
WR-OE0166	18 X 19 mm
WR-OE0167	19 X 21 mm
WR-OE0168	20 X 22 mm
WR-OE0169	21 X 23 mm
WR-OE0170	22 X 24 mm
WR-OE0171	24 X 27 mm
WR-OE0172	25 X 28 mm
WR-OE0173	30 X 32 mm

TOOLS

STUBBY GEAR WRENCH KUNCI RING PAS RATCHET PENDEK



ITEM CODE	UKURAN
WR-SG0174	8 mm
WR-SG0175	10 mm
WR-SG0176	11 mm
WR-SG0177	12 mm
WR-SG0178	13 mm
WR-SG0179	14 mm
WR-SG0180	17 mm
WR-SG0181	19 mm

SINGLE GEAR WRENCH KUNCI RING PAS RATCHET PANJANG



ITEM CODE	UKURAN
WR-SG0182	8 mm
WR-SG0183	10 mm
WR-SG0184	11 mm
WR-SG0185	12 mm
WR-SG0186	13 mm
WR-SG0187	14 mm
WR-SG0188	17 mm
WR-SG0189	19 mm

FLEXIBLE GEAR WRENCH KUNCI RING PAS RATCHET FLEXIBLE



ITEM CODE	UKURAN
WR-FG0190	8 mm
WR-FG0191	10 mm
WR-FG0192	11 mm
WR-FG0193	12 mm
WR-FG0194	13 mm
WR-FG0195	14 mm
WR-FG0196	17 mm
WR-FG0197	19 mm

OBSTRUCTION WRENCH KUNCI RING BULAN



ITEM CODE	UKURAN
WR-OB0226	10 X 12 mm
WR-OB0227	11 X 13 mm
WR-OB0228	14 X 17 mm
WR-OB0229	16 X 18 mm
WR-OB0230	19 X 22 mm

FLARE NUT WRENCH KUNCI NEPEL



ITEM CODE	UKURAN
WR-FN0213	8 X 10 mm
WR-FN0214	10 X 12 mm
WR-FN0215	12 X 14 mm
WR-FN0216	14 X 17 mm

T-TYPE WRENCH KUNCI SOCK T HITAM



ITEM CODE	UKURAN
WR-TT0231	7 mm
WR-TT0232	8 mm
WR-TT0233	9 mm
WR-TT0234	10 mm
WR-TT0235	11 mm
WR-TT0236	12 mm
WR-TT0237	13 mm
WR-TT0238	14 mm
WR-TT0239	17 mm
WR-TT0240	19 mm

T-TYPE WRENCH RUBBER HANDLE KUNCI SOCK T-GAGANG KARET



ITEM CODE	UKURAN
WR-TT0241	8 mm
WR-TT0242	10 mm
WR-TT0243	11 mm
WR-TT0244	12 mm
WR-TT0245	13 mm
WR-TT0246	14 mm
WR-TT0247	17 mm
WR-TT0248	19 mm

SLOGGING WRENCH KUNCI RING IMPACT



ITEM CODE	UKURAN
WR-SL0198	27 mm
WR-SL0199	30 mm
WR-SL0200	32 mm
WR-SL0201	36 mm
WR-SL0202	41 mm
WR-SL0203	46 mm
WR-SL0204	50 mm
WR-SL0205	55 mm
WR-SL0206	60 mm

STAR WRENCH KUNCI RING BINTANG



ITEM CODE	UKURAN
WR-ST0207	E 6 X E 8
WR-ST0208	E 7 X E 11
WR-ST0209	E 10 X E 12
WR-ST0210	E 14 X E 18
WR-ST0211	E 16 X E 22
WR-ST0212	E 20 X E 24

CONSTRUCTION WRENCH KUNCI RING DOUBLE RATCHET



ITEM CODE	UKURAN
WR-CS0217	12 X 14 mm
WR-CS0218	14 X 17 mm
WR-CS0219	17 X 19 mm
WR-CS0220	19 X 21 mm
WR-CS0221	21 X 23 mm
WR-CS0222	22 X 24 mm
WR-CS0223	24 X 27 mm
WR-CS0224	27 X 30 mm
WR-CS0225	30 X 32 mm

T-TYPE WRENCH ROTARY KUNCI SOCK T-PUTAR



ITEM CODE	UKURAN
WR-TT0249	8 mm
WR-TT0250	10 mm
WR-TT0251	11 mm
WR-TT0252	12 mm
WR-TT0253	13 mm
WR-TT0254	14 mm
WR-TT0255	17 mm
WR-TT0256	19 mm

T-TYPE WRENCH ADAPTOR KUNCI SOCK T-ADAPTOR



ITEM CODE	UKURAN
WR-TT0257	1/2"

T-TYPE WRENCH SCREWDRIVER KUNCI SOCK T-OBENG



ITEM CODE	UKURAN
WR-TT0258	PH2
WR-TT0259	PH3

T-TYPE WRENCH EXTRA LONG KUNCI SOCK T-PANJANG



ITEM CODE	UKURAN
WR-TT0261	500 X 8 mm
WR-TT0262	500 X 10 mm
WR-TT0263	500 X 12 mm
WR-TT0264	500 X 14 mm

TOOLS



Y-TYPE WRENCH KUNCI SOCK Y-PENDEK

ITEM CODE	UKURAN
WR-YT0265	08 - 09 - 10 mm
WR-YT0266	08 - 10 - 12 mm
WR-YT0267	10 - 11 - 13 mm
WR-YT0268	10 - 12 - 14 mm
WR-YT0269	12 - 14 - 17 mm



4 WAY WHEEL CROSS WRENCH WITH BOX KUNCI RODA PALANG - MODEL LIPAT

ITEM CODE	UKURAN
WR-WC0278	17 X 19 X 21 X 23 mm



Y-TYPE WRENCH-LONG KUNCI SOCK Y-PANJANG

ITEM CODE	UKURAN
WR-YT0270	08 - 09 - 10 mm
WR-YT0271	08 - 10 - 12 mm
WR-YT0272	10 - 11 - 13 mm
WR-YT0273	10 - 12 - 14 mm
WR-YT0274	12 - 14 - 17 mm



ADJUSTABLE WRENCH (CHROME) KUNCI INGGRIS

ITEM CODE	UKURAN
WR-AD0280	6"
WR-AD0281	8"
WR-AD0282	10"
WR-AD0283	12"
WR-AD0284	15"
WR-AD0285	18"
WR-AD0286	24"



WHEEL NUT WRENCH FOR TRUCK KUNCI RODA TRUK

ITEM CODE	UKURAN
WR-WN0275	20 X 38 X 440 mm
WR-WN0276	21 X 41 X 440 mm



ADJUSTABLE WRENCH (BLACK) KUNCI INGGRIS

ITEM CODE	UKURAN
WR-AD1386	6"
WR-AD1387	8"
WR-AD1388	10"
WR-AD1389	12"
WR-AD1390	15"
WR-AD1391	18"
WR-AD1392	24"



4 WAY CROSS WRENCH 14" KUNCI RODA PALANG 14"

ITEM CODE	UKURAN
WR-WC0277	17 X 19 X 21 X 23 mm



PIPE WRENCH KUNCI PIPA

ITEM CODE	UKURAN
WR-PP0287	6"
WR-PP0288	8"
WR-PP0289	10"
WR-PP0290	12"
WR-PP0291	14"
WR-PP0292	18"
WR-PP0293	24"
WR-PP0294	36"
WR-PP0295	48"



COMBINATION WRENCH SET KUNCI RING PAS SET

ITEM CODE	UKURAN
WR-SE0296	11 pcs (8 - 24 mm)
WR-SE0297	14 pcs (8 - 24 mm)
WR-SE0298	14 pcs (8 - 32 mm)
WR-SE0299	11 pcs (5/16" - 1")
WR-SE0300	14 pcs (3/8" - 1 1/4")



BOX END WRENCH SET - SUNK PANEL KUNCI RING SET S.PANEL

ITEM CODE	UKURAN
WR-SE0311	8 pcs (6 - 24 mm)
WR-SE0312	12 pcs (6 - 32 mm)



BOX END WRENCH SET KUNCI RING SET

ITEM CODE	UKURAN
WR-SE0301	8 pcs (6 - 24 mm)
WR-SE0302	12 pcs (6 - 32 mm)
WR-SE0303	8 pcs (1/4" - 1 1/4")
WR-SE0304	8 pcs 75 degree (6 - 24 mm)



OPEN END WRENCH SET - SUNK PANEL KUNCI PAS SET S.PANEL

ITEM CODE	UKURAN
WR-SE0313	8 pcs (6 - 24 mm)
WR-SE0314	12 pcs (6 - 32 mm)



OPEN END WRENCH SET KUNCI PAS SET

ITEM CODE	UKURAN
WR-SE0305	8 pcs (6 - 24 mm)
WR-SE0306	12 pcs (6 - 32 mm)
WR-SE0307	8 pcs (1/4" - 1 1/4")



STAR WRENCH SET KUNCI RING BINTANG

ITEM CODE	UKURAN
WR-SR0315	6 pcs (E6 - E24)



COMBINATION WRENCH SET - SUNK PANEL KUNCI RING PAS SET S.PANEL

ITEM CODE	UKURAN
WR-SE0308	11 pcs (8 - 24 mm)
WR-SE0309	14 pcs (8 - 24 mm)
WR-SE0310	14 pcs (8 - 32 mm)



OBSTRUCTION WRENCH SET 5 PCS KUNCI RING BULAN

ITEM CODE	UKURAN
WR-OS0316	5 pcs (10x12, 11x13, 14x17, 16x18, 19x22)

TOOLS



BIKE TOOLKIT SET 6 PCS KUNCI SEPEDA LIPAT SET 6 PCS

ITEM CODE	CONTENT
WR-BK0317	4 pcs Hex Key 3 mm, 4 mm, 5 mm, 6 mm
	1 pcs Torx Key T25
	1 pcs Screwdriver Tip PH #2



BIKE TOOLKIT SET 10 PCS KUNCI SEPEDA LIPAT SET 10 PCS

ITEM CODE	CONTENT
WR-BK0318	7 pcs Hex Key 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm
	1 pcs Torx Key T25
	2 pcs Screwdriver Tip Flat 5 mm, PH #2



BIKE TOOLKIT SET 15 PCS KUNCI SEPEDA LIPAT SET 15 PCS

ITEM CODE	CONTENT	QUANTITY Dus Kecil/Besar	HARGA
WR-BK0319	7 pcs Hex Key 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm	12 / 40 set	Rp. 198
	2 pcs Torx Key T10, T25		
	1 pcs Screwdriver Tip Flat 5 mm, PH #2		
	4 pcs Chain Wrench + Screw Spoke Wrench 14 G, 15 G, 0,136"		

TORQUE WRENCH KUNCI TORSI

ITEM CODE	KODE
TQ-WR0320	TKR 3/8" DR. TORQUE WR. 2-10 (N.m) (TR100)
TQ-WR0321	TKR 3/8" DR. TORQUE WR. 4-20 (N.m) (TR300)
TQ-WR0322	TKR 1/2" DR. TORQUE WR. 20-100 (N.m) (TR1200)
TQ-WR0323	TKR 1/2" DR. TORQUE WR. 40-200 (N.m) (TR2000)
TQ-WR0324	TKR 1/2" DR. TORQUE WR. 60-340 (N.m) (TR3000)
TQ-WR0325	TKR 3/4" DR. TORQUE WR. 100-600 (N.m) (TR5000)
TQ-WR0326	TKR 1" DR. TORQUE WR. 200-1000 (N.m) (TR8400)



PROFESSIONAL TORQUE WRENCH KUNCI TORSI PROFESIONAL

ITEM CODE	KODE
TQ-PF0327	3/8" DR. PROFESSIONAL TORQUE WRENCH 2.5-11 (N.m) (T100)
TQ-PF0328	3/8" DR. PROFESSIONAL TORQUE WRENCH 5-33 (N.m) (T300)
TQ-PF0329	1/2" DR. PROFESSIONAL TORQUE WRENCH 12-68 (N.m) (T600)
TQ-PF0330	1/2" DR. PROFESSIONAL TORQUE WRENCH 25-135 (N.m) (T1200)
TQ-PF0331	1/2" DR. PROFESSIONAL TORQUE WRENCH 50-225 (N.m) (T2000)
TQ-PF0332	1/2" DR. PROFESSIONAL TORQUE WRENCH 70-330 (N.m) (T3000)
TQ-PF0333	3/4" DR. PROFESSIONAL TORQUE WRENCH 140-560 (N.m) (T5000)
TQ-PF0334	3/4" DR. PROFESSIONAL TORQUE WRENCH 200-810 (N.m) (T7200)
TQ-PF0335	1" DR. PROFESSIONAL TORQUE WRENCH 460-940 (N.m) (T8400)



SOCKET 1/4" DR 6 PT MATA SOCK 1/4" DR 6 PT

ITEM CODE	UKURAN
SC-SC0337	4 mm
SC-SC0338	4.5 mm
SC-SC0339	5 mm
SC-SC0340	5.5 mm
SC-SC0341	6 mm
SC-SC0342	7 mm
SC-SC0343	8 mm
SC-SC0344	9 mm
SC-SC0345	10 mm
SC-SC0346	11 mm
SC-SC0347	12 mm
SC-SC0348	13 mm
SC-SC0349	14 mm



SOCKET 1/2" DR 6 & 12 PT MATA SOCK 1/2" DR 6 & 12PT

ITEM CODE	UKURAN
SC-SC0374	8 mm
SC-SC0375	9 mm
SC-SC0376	10 mm
SC-SC0377	11 mm
SC-SC0378	12 mm
SC-SC0379	13 mm
SC-SC0380	14 mm
SC-SC0381	15 mm
SC-SC0382	16 mm
SC-SC0383	17 mm
SC-SC0384	18 mm
SC-SC0385	19 mm
SC-SC0386	20 mm
SC-SC0387	21 mm
SC-SC0388	22 mm
SC-SC0389	23 mm
SC-SC0390	24 mm
SC-SC0391	25 mm
SC-SC0392	26 mm
SC-SC0393	27 mm
SC-SC0394	28 mm
SC-SC0395	29 mm
SC-SC0396	30 mm
SC-SC0397	32 mm



SOCKET 3/8" DR 6 & 12 PT MATA SOCK 3/8" DR 6 & 12PT

ITEM CODE	UKURAN
SC-SC0350	8 mm
SC-SC0351	9 mm
SC-SC0352	10 mm
SC-SC0353	11 mm
SC-SC0354	12 mm
SC-SC0355	13 mm
SC-SC0356	14 mm
SC-SC0357	15 mm
SC-SC0358	16 mm
SC-SC0359	17 mm
SC-SC0360	19 mm
SC-SC0361	22 mm



SOCKET 3/4" DR 6 & 12 PT MATA SOCK 3/4" DR 6 & 12PT

ITEM CODE	UKURAN
SC-SC0422	19 mm
SC-SC0423	21 mm
SC-SC0424	22 mm
SC-SC0425	23 mm
SC-SC0426	24 mm
SC-SC0427	26 mm
SC-SC0428	27 mm
SC-SC0429	28 mm
SC-SC0430	29 mm
SC-SC0431	30 mm
SC-SC0432	32 mm
SC-SC0433	33 mm
SC-SC0434	34 mm
SC-SC0435	36 mm
SC-SC0436	38 mm
SC-SC0437	41 mm
SC-SC0438	46 mm
SC-SC0439	50 mm
SC-SC0440	55 mm
SC-SC0441	60 mm



TOOLS



SPLINE SOCKET TEKIRO 1/2"

MATA SOCK 1/2"



TYPE	4.0 mm	4.5 mm	5.0 mm	5.5 mm	6.0 mm	7.0 mm	8.0 mm	8.0 mm	10.0 mm	11.0 mm	12.0 mm	13.0 mm	14.0 mm
Inch	5/32	3/16	3/16	9/32	9/32	11/32	11/32	3/8	7/16	15/32	1	1	9/16

TYPE	15.0 mm	16.0 mm	17.0 mm	18.0 mm	19.0 mm	20.0 mm	21.0 mm	22.0 mm	24.0 mm	27.0 mm	30.0 mm	32.0 mm
Inch	19/32	5/8	3/4	25/32	3/4	7/8	15/16	1	1	5/8	1	1

ITEM CODE	UKURAN
SC-SP0462	8 mm
SC-SP0463	9 mm
SC-SP0464	10 mm
SC-SP0465	11 mm
SC-SP0466	12 mm
SC-SP0467	13 mm
SC-SP0468	14 mm
SC-SP0469	15 mm
SC-SP0470	16 mm
SC-SP0471	17 mm
SC-SP0472	18 mm
SC-SP0473	19 mm
SC-SP0474	20 mm
SC-SP0475	21 mm
SC-SP0476	22 mm
SC-SP0477	23 mm
SC-SP0478	24 mm
SC-SP0479	25 mm
SC-SP0480	26 mm
SC-SP0481	27 mm
SC-SP0482	28 mm
SC-SP0483	29 mm
SC-SP0484	30 mm
SC-SP0485	32 mm

SOCKET DEEP WALL 1/2" DR 6PT & 12PT

MATA SOCK DEEPWALL 1/2" DR 6 & 12 PT



ITEM CODE	DR 6 PT	DR 12 PT	UKURAN
SC-DW0486	SC-DW0509		8 mm
SC-DW0487	SC-DW0510		9 mm
SC-DW0488	SC-DW0511		10 mm
SC-DW0489	SC-DW0512		11 mm
SC-DW0490	SC-DW0513		12 mm
SC-DW0491	SC-DW0514		13 mm
SC-DW0492	SC-DW0515		14 mm
SC-DW0493	SC-DW0516		15 mm
SC-DW0494	SC-DW0517		16 mm
SC-DW0495	SC-DW0518		17 mm
SC-DW0496	SC-DW0519		18 mm
SC-DW0497	SC-DW0520		19 mm
SC-DW0498	SC-DW0521		20 mm
SC-DW0499	SC-DW0522		21 mm
SC-DW0500	SC-DW0523		22 mm
SC-DW0501	SC-DW0524		23 mm
SC-DW0502	SC-DW0525		24 mm
SC-DW0503	SC-DW0526		26 mm
SC-DW0504	SC-DW0527		27 mm
SC-DW0505	SC-DW0528		28 mm
SC-DW0506	SC-DW0529		29 mm
SC-DW0507	SC-DW0530		30 mm
SC-DW0508	SC-DW0531		32 mm

ADAPTOR



ITEM CODE	UKURAN
SC-AD0549	3/8 F x 1/2 M
SC-AD0550	1/2 F x 3/8 M
SC-AD0551	3/4 F x 1/2 M
SC-AD0552	1/2 F x 3/4 M

UNIVERSAL JOINT



ITEM CODE	UKURAN
SC-UJ0553	1/4"
SC-UJ0554	3/8"
SC-UJ0555	1/2"

RATCHET HANDLE



ITEM CODE	UKURAN
SC-RH0556	1/4" X 5.5"
SC-RH0557	3/8" X 8"
SC-RH0558	1/2" X 10"

RATCHET HANDLE KUNING HIJAU



ITEM CODE	UKURAN
SC-RH0559	1/2" X 10"

RATCHET HANDLE GAGANG KARET



ITEM CODE	UKURAN
SC-RH0560	1/4" X 5.5"
SC-RH0561	3/8" X 8"
SC-RH0562	1/2" X 10"



SOCK DEEP IMPACT 1/2" DR

MATA SOCK IMPACT 1/2" DR RODA HIJAU

ITEM CODE	UKURAN
SC-SD0544	19 mm
SC-SD0545	21 mm



SPARK PLUG

MATA SOCK BUSI

ITEM CODE	UKURAN
SC-SA0538	3/8" X 19 mm
SC-SA0539	3/8" X 21 mm
SC-SA0540	1/2" X 21 mm
SC-SA0541	1/2" X 16 mm



MAGNETIC SPARK PLUG

MATA SOCK BUSI MAGNET

ITEM CODE	UKURAN
SC-SA0546	1/2" X 16 mm
SC-SA0547	1/2" X 18 mm
SC-SA0548	1/2" X 21 mm



SPARK PLUG GREEN

MATA SOCK BUSI (HIJAU)

ITEM CODE	UKURAN
SC-SA0542	3/8" X 21 mm
SC-SA0543	1/2" X 21 mm



HEX BIT SOCKET 1/2" DR

MATA SOCK L 1/2" DR

ITEM CODE	UKURAN
SC-HB0532	4 X 100 mm
SC-HB0533	5 X 100 mm
SC-HB0534	6 X 100 mm
SC-HB0535	8 X 100 mm
SC-HB0536	10 X 100 mm
SC-HB0537	12 X 100 mm



SPLINE BIT 1/2" DR

ITEM CODE	UKURAN
SC-SS0640	9.5 X 100 mm
SC-SS0641	9.5 X 140 mm



FLEXIBLE HANDLE

GAGANG FLEXIBLE

ITEM CODE	UKURAN
SC-FH0563	1/4" X 6"
SC-FH0564	3/8" X 10"
SC-FH0565	1/2" X 15"
SC-FH0566	1" X 26"



SLIDING T HANDLE

GAGANG SOCK-T

ITEM CODE	UKURAN
SC-ST0567	1/4" X 4"
SC-ST0568	3/8" X 8"
SC-ST0569	1/2" X 10"
SC-ST0571	3/4" X 16"
SC-ST0572	3/4" X 20"
SC-ST0573	1" X 22"



OFFSET HANDLE

GAGANG SOCK-L

ITEM CODE	UKURAN
SC-OH0574	1/2" X 10"
SC-OH0575	1/2" X 12"
SC-OH0576	3/4" X 20"
SC-OH0577	1" X 26"



EXTENTION BAR

SAMBUNGAN SOCK

ITEM CODE	UKURAN
SC-EB0578	1/4" X 2"
SC-EB0579	1/4" X 4"
SC-EB0580	1/4" X 6"
SC-EB0581	3/8" X 3"
SC-EB0582	3/8" X 6"
SC-EB0583	1/2" X 3"
SC-EB0584	1/2" X 5"
SC-EB0585	1/2" X 10"
SC-EB0586	3/4" X 4"
SC-EB0587	3/4" X 8"
SC-EB0588	3/4" X 16"
SC-EB0589	1" X 8"
SC-EB0590	1" X 16"

TOOLS

ITEM CODE	
4-12 mm (6 PT)	5/32" - 1/2" (6 PT)
SC-SE0591	SC-SE0592



SOCKET SET 1/4" 17 PCS

KUNCI SOCK SET 1/4" DR 17 PCS (BESI)

UKURAN	CONTENT
4-12 mm / 6PT	1 pcs 1/4" DR. Ratchet Handle 5.5" Gagang Karet
	1 pcs 1/4" DR. Extension Bar 4"
	1 pcs 1/4" Spanner Handle
	1 pcs 1/4" DR. Sliding T Bar
	1 pcs 1/4" DR. Universal Joint
	1/4" DR. Socket
	4 mm, 4.5 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm
	11 pcs
	1 pcs 1/4" DR. Ratchet Handle
	1 pcs 1/4" DR. Extension Bar 4"
	1 pcs 1/4" Spanner Handle
5/32" - 1/2" / 6PT	1 pcs 1/4" DR. Sliding T Bar
	1 pcs 1/4" DR. Universal Joint
	1/4" DR. Socket
	5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 1/2"
	11 pcs
	1 pcs
	Metal Case

ITEM CODE	
6-22 mm (6 PT)	6-22 mm (12 PT)
SC-SE0593	SC-SE0594



SOCKET SET 3/8" 18 PCS 6 - 22 MM

KUNCI SOCK SET 3/8" DR 18 PCS 6 - 22 MM (BESI)

UKURAN	CONTENT
6-22 mm (6 / 12 PT)	1 pcs 3/8" DR. Ratchet Handle 8" Gagang Karet
	1 pcs 3/8" DR. Extension Bar 3"
	1 pcs 3/8" DR. Extension Bar 6"
	1 pcs 3/8" DR. Offset Handle 10"
	1 pcs 3/8" Spark Plug Socket 21 mm
	1 pcs 3/8" Sliding T Head
	1 pcs 3/8" DR. Universal Joint
	3/8" DR. Socket
	6 mm, 8 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 17 mm, 19 mm, 22 mm
	11 pcs
	1 pcs
Metal Case	

ITEM CODE	
8-24 mm (6 PT)	8-24 mm (12 PT)
SC-SE0595	SC-SE1286



SOCKET SET 1/2" 10 PCS

KUNCI SOCK SET 1/2" DR 10 PCS (BESI)

UKURAN	CONTENT
8-24 mm (6 / 12 PT)	1/2" DR. Socket
	8 pcs 8 mm, 9 mm, 10 mm, 12 mm, 14 mm, 17 mm, 19 mm, 24 mm
	1 pcs 1/2" DR. Sliding T Head
	1 pcs 1/2" DR. Offset Handle 10"
	1 pcs Metal Case



SOCKET SET 3/4" 18 PCS 19 - 50 MM

KUNCI SOCK SET 3/4" DR 18 PCS 19 - 50 MM (BESI)

UKURAN	CONTENT
19-50 mm (6 / 12 PT)	1 pcs 3/4" DR. Ratchet Handle 20"
	1 pcs 3/4" DR. Extension Bar 4"
	1 pcs 3/4" DR. Extension Bar 8"
	1 pcs 3/4" DR. Sliding Bar 20"
	3/4" DR. Socket
	19 mm, 21 mm, 22 mm, 23 mm, 24 mm, 27 mm, 30 mm, 32 mm, 36 mm, 38 mm, 41 mm, 46 mm, 50 mm
	13 pcs
	1 pcs
	Metal Case

ITEM CODE	
8-24 mm (6 PT)	8-24 mm (12 PT)
SC-SE0604	SC-SE0605



SOCKET SET 1/2" 10 PCS 6PT/12PT

KUNCI SOCK SET 1/2" DR 10 PCS 6PT/12PT (PLASTIK)

UKURAN	CONTENT
8-24 mm (6 / 12 PT)	1/2" DR. Socket
	8 pcs 8 mm, 9 mm, 10 mm, 12 mm, 14 mm, 17 mm, 19 mm, 24 mm
	1 pcs 1/2" DR. Sliding T Head
	1 pcs 1/2" DR. Offset Handle 10"
	1 pcs Metal Case

ITEM CODE	
17 pcs (6 PT)	17 pcs (12 PT)
SC-SE0606	SC-SE0607



SOCKET SET 1/2" 17 PCS 6 PT / 12 PT

KUNCI SOCK SET 1/2" DR 17 PCS 6 PT / 12 PT (PLASTIK)

UKURAN	CONTENT
17 pcs (6 PT/12PT)	13 pcs 1/2" DR. Socket 8 mm - 24 mm
	1 pcs 1/2" DR. Ratchet Handle 10" Gagang Karet
	1 pcs 1/2" DR. Extension Bar 5"
	1 pcs 1/2" DR. Flexible Handle 15"
	1 pcs Blow Mould Case

ITEM CODE	
6-22 mm (6 PT)	6-22 mm (12 PT)
SC-SE0596	SC-SE0597



SOCKET SET 1/2" 17 PCS

KUNCI SOCK SET 1/2" DR 17 PCS (BESI)

UKURAN	CONTENT
8-24 mm (6 / 12 PT)	1 pcs 1/2" DR. Ratchet Handle 10" Gagang Karet
	1 pcs 1/2" DR. Extension Bar 5"
	1 pcs 1/2" Flexible Handle 15"
	11 pcs 1/2" Socket
	8 mm - 24 mm
1 pcs	
Metal Case	

ITEM CODE	
8-32 mm (6 PT)	3/8" - 1 1/4" (6 PT)
SC-SE0598	SC-SE0600
8-32 mm (12 PT)	3/8" - 1 1/4" (12 PT)
SC-SE0599	SC-SE0601



SOCKET SET 1/2" 24 PCS

KUNCI SOCK SET 1/2" DR 24 PCS (BESI)

UKURAN	CONTENT
8-32 mm (6/12 PT)	1 pcs 1/2" DR. Ratchet Handle 10" Gagang Karet
	1 pcs 1/2" DR. Extension Bar 5"
	1 pcs 1/2" DR. Extension Bar 10"
	1 pcs 1/2" DR. Flexible Handle 15"
	1 pcs 1/2" Adaptor 10"
	18 pcs 1/2" DR. Universal Joint
	1/2" DR. Socket
	8 mm - 32 mm
	1 pcs
	Metal Case
	3/8"-1 1/4" (6/12 PT)
1 pcs 1/2" DR. Extension Bar 5"	
1 pcs 1/2" DR. Extension Bar 10"	
1 pcs 1/2" DR. Flexible Handle 15"	
1 pcs 1/2" Adaptor 10"	
1 pcs 1/2" DR. Universal Joint	
1/2" DR. Socket	
3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 31/32", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"	
18 pcs	
1 pcs	
Metal Case	

ITEM CODE	
1/4"-3/8" DR.(4-19) (6 PT)	SC-SE0625



SOCKET SET 1/4" - 3/8" 21 PCS 6 PT

KUNCI SOCK SET 1/4" - 3/8" DR 21 PCS 6PT (BESI)

UKURAN	CONTENT
1/4"-3/8" DR.(4-19) (6 PT)	7 pcs 3/8" DR. HAND SOCKET
	10 mm - 19 mm
	1 pcs 3/8" DR. SPARK PLUG 21 MM
	2 pcs 3/8" DR. Extension Bar 3", 6"
	1 pcs 3/8" DR. Ratchet Handle 8" Gagang Karet
	1/4"-3/8" DR. Hand Socket
	Rubber Handle 72 Teeth
	4 mm - 9 mm
	7 pcs
	1 pcs Spanner Handle 1/4"
	1 pcs Adaptor 3/8" F X 1/4" M
1 pcs	
Metal Case	

ITEM CODE	
19-50 mm (6 PT)	19-50 mm (12 PT)
SC-SE0602	SC-SE0603

ITEM CODE	
18 pcs (6 PT)	18 pcs (12 PT)
SC-SE0608	SC-SE0609



SOCKET SET 3/8" 18 PCS 6 PT/12PT

KUNCI SOCK SET 3/8" DR 18 PCS 6PT/12PT (PLASTIK)

UKURAN	CONTENT
18 pcs (6 PT/12 PT)	11 pcs 3/8" DR. Socket 6 mm - 22 mm
	1 pcs 3/8" DR. Extension Bar 3"
	1 pcs 3/8" DR. Extension Bar 6"
	1 pcs 3/8" DR. Ratchet Handle 8" Gagang Karet
	3/8" DR. Spark Plug Socket 21 mm
	1 pcs 3/8" DR. Offset handle 10"
	1 pcs 3/8" DR. Universal Joint
	1 pcs Blow Mould Case

ITEM CODE	
1/4"-3/8" DR.(4-19) (6 PT)	SC-SE0610



SOCKET SET 1/4" - 3/8" 21 PCS 6 PT

KUNCI SOCK SET 1/4" - 3/8" DR 21 PCS 6PT (PLASTIK)

UKURAN	CONTENT
1/4"-3/8" DR.(4-19) (6 PT)	7 pcs 3/8" DR. HAND SOCKET
	10 mm - 19 mm
	1 pcs 3/8" DR. SPARK PLUG 21 MM
	2 pcs 3/8" DR. Extension Bar 3", 6"
	1 pcs 3/8" DR. Ratchet Handle 8" Gagang Karet
	1/4"-3/8" DR. Hand Socket
	Rubber Handle 72 Teeth
	4 mm - 9 mm
	7 pcs
	1 pcs Spanner Handle 1/4"
	1 pcs Adaptor 3/8" F X 1/4" M
1 pcs	
Metal Case	

ITEM CODE	
10-32 mm (6 PT)	10-32 mm (12 PT)
SC-SE0611	SC-SE0612



SOCKET SET 1/2" 22 PCS 6PT/12PT

KUNCI SOCK SET 1/2" DR 22 PCS 6PT/12PT (PLASTIK)

UKURAN	CONTENT
10-32 mm (6/12 PT)	1/2" DR. Socket
	10 mm, 11 mm, 12 mm, 15 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 22 mm, 24 mm, 27 mm, 30 mm, 32 mm
	15 pcs
	1 pcs 1/2" DR. Ratchet Handle 10" Gagang Karet
	1/2" DR. Universal Joint
	1/2" DR. Extension Bar 5"
	1/2" DR. Extension Bar 10"
	1/2" DR. Spark Plug Socket 16 mm
	1/2" DR. Spark Plug Socket 21 mm
	1 pcs
	1 pcs Adaptor 3/8" F x 1/2" M

TOOLS

ITEM CODE	
8-32 mm (6 PT)	3/8"-1 1/4" (6 PT)
SC-SE0613	SC-SE0614
8-32 mm (12 PT)	3/8"-1 1/4" (12 PT)
SC-SE0615	SC-SE0616



SOCKET SET 1/2" 24 PCS 6PT/12PT

KUNCI SOCK SET 1/2"DR 24 PCS 6PT/12PT(PLASTIK)

UKURAN	CONTENT
8 - 32 mm (6/12 PT)	1/2" DR. Socket 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm 16 mm, 17 mm, 19 mm, 21 mm 22 mm, 23 mm, 24 mm, 27 mm 30 mm, 32 mm
	1 pcs 1/2" DR. Ratchet Handle 10" Gagang Karet
	1 pcs 1/2" DR. Universal Joint
	1 pcs 1/2" DR. Extension Bar 5"
	1 pcs 1/2" DR. Extension Bar 10"
	1 pcs 1/2" DR. Flexible Handle 15"
	1 pcs 1/2" DR. Sliding T Bar 10"
3/8" - 1 1/4" (6/12 PT)	1/2" DR. Socket 3/8"; 7/16"; 1/2"; 9/16"; 19/32"; 5/8" 11/16"; 3/4"; 25/32"; 13/16"; 7/8"; 15/16"; 31/32"; 1"; 1-1/16" 1-1/8"; 1-3/16"; 1-1/4"
	1 pcs 1/2" DR. Ratchet Handle 10" Gagang Karet
	1 pcs 1/2" DR. Universal Joint
	1 pcs 1/2" DR. Extension Bar 5"
	1 pcs 1/2" DR. Extension Bar 10"
	1 pcs 1/2" DR. Flexible Handle 15"
	1 pcs 1/2" DR. Sliding T Bar 10"

ITEM CODE	
8 - 32 mm (6 PT)	SC-SE0618



SOCKET SET 1/2" 32 PCS 6 PT

KUNCI SOCK SET 1/2" 32 PCS 6 PT (PLASTIK)

UKURAN	CONTENT
8 - 32 mm (6PT)	1/2" DR. Socket 6 PT 8 mm, 9 mm, 10 mm, 11 mm 12 mm, 13 mm, 14 mm, 15 mm 16 mm, 17 mm, 18 mm, 19 mm 20 mm, 21 mm, 22 mm, 24 mm 27 mm, 30 mm, 32 mm
	1 pcs 1/2" DR. Socket 12 PT 10 mm, 12 mm, 14 mm 15 mm, 17 mm, 19 mm
	1 pcs 1/2" DR. Ratchet Handle 10" Gagang Karet
	1 pcs 1/2" DR. Universal Joint
	1 pcs 1/2" DR. Extension Bar 5"
	1 pcs 1/2" DR. Extension Bar 10"
	1 pcs 1/2" DR. Spark Plug Socket 16 mm 1 pcs 1/2" DR. Spark Plug Socket 21 mm 1 pcs Adaptor 3/8" F x 1/2" M

ITEM CODE	
4 - 14 mm (6 PT)	SC-SE0619



SOCKET SET 1/4" 41 PCS 6 PT

KUNCI SOCK SET 1/4"DR 41 PCS 6PT (PLASTIK)

UKURAN	CONTENT
4 - 14 mm (6 PT)	13 pcs 1/4" DR. Socket 4 mm - 14 mm
	6 pcs 1/4" DR. Single Head Bits Hexagon 25 mm H3, H4, H5, H6, H8, H10
	6 pcs 1/4" DR. Single Head Bits Torque 25 mm T10, T15, T20, T25, T30, T40
	3 pcs 1/4" DR. Single Head Bits Posi 25 mm PZ1, PZ2, PZ3
	3 pcs 1/4" DR. Single Head Bits Phillips 25 mm PH1, PH2, PH3
	3 pcs 1/4" DR. Single Head Bits Slotted 25 mm SL4, SL5, SL6
	1 pcs 1/4" DR. Ratchet Handle 5.5" Gagang Karet
	1 pcs 1/4" DR. Universal Joint
	1 pcs 1/4" DR. Extension Spinner Handle
	1 pcs 1/4" DR. Extension Bar 2"
	1 pcs 1/4" DR. Extension Bar 4"
	1 pcs 1/4" DR. Extension Bar 6"
	1 pcs 1/4" DR. Bit Adaptor

ITEM CODE	
6 - 24 mm (6 PT)	SC-SE0617



SOCKET SET 3/8" 26 PCS 6 PT

KUNCI SOCK SET 3/8"DR 26 PCS 6PT (PLASTIK)

UKURAN	CONTENT
6 - 24 mm (6 PT)	3/8" DR. Socket 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 24 mm
	1 pcs 3/8" DR. Ratchet Handle 8" Gagang Karet
	1 pcs 3/8" DR. Universal Joint
	1 pcs 3/8" DR. Extension Bar 2"
	1 pcs 3/8" DR. Extension Bar 3"
	1 pcs 3/8" DR. Extension Bar 6"
	1 pcs 3/8" DR. Spark Plug Socket 16 mm 1 pcs 3/8" DR. Spark Plug Socket 21 mm 1 pcs Adaptor 3/8" F x 1/2" M

ITEM CODE	
4 - 14 mm (6PT)	SC-SE0620



SOCKET SET 1/4" 46 PCS 6 PT

KUNCI SOCK SET 1/4"DR 46 PCS 6PT (PLASTIK)

UKURAN	CONTENT
4 - 14 mm (6PT)	13 pcs 1/4" DR. Socket 4 mm - 14 mm
	6 pcs 1/4" DR. Single Head Bits Hexagon 50 mm, H3 - H8
	6 pcs 1/4" DR. Single Head Bits Torque 50 mm T10, T15, T20, T25, T30, T40
	3 pcs 1/4" DR. Single Head Bits Posi 50 mm PZ1, PZ2, PZ3
	3 pcs 1/4" DR. Single Head Bits Phillips 50 mm PH1, PH2, PH3
	3 pcs 1/4" DR. Single Head Bits Slotted 50 mm SL4, SL5, SL6
	4 pcs Hex Key 1.27 mm, 1.5 mm, 2 mm, 2.5 mm
	1 pcs 1/4" DR. Ratchet Handle 5.5" Gagang Karet
	1 pcs 1/4" DR. Universal Joint
	1 pcs 1/4" DR. Extension Spinner Handle
	1 pcs 1/4" DR. Extension Bar 2"
	1 pcs 1/4" DR. Extension Bar 4"
	1 pcs 1/4" DR. Sliding T Handle
	1 pcs 1/4" DR. Flexible Spinner Handle 2"
	1 pcs 1/4" x 1/4" Hex Adaptor

ITEM CODE	
94 PCS (6PT)	SC-SE0622



SOCKET SET 1/4" - 1/2" 94 PCS 6 PT

KUNCI SOCK SET 1/4"-1/2"DR 94PCS 6PT (PLASTIK)

UKURAN	CONTENT
94 pcs (6PT)	18 pcs 1/2" DR. Socket 10 mm - 32 mm
	4 pcs 1/2" DR. Deep Socket 14 mm, 15 mm, 17 mm, 19 mm
	1 pcs 1/2" DR. Ratchet Handle 10" Gagang Karet
	1 pcs 1/2" DR. Universal Joint
	1 pcs 1/2" DR. Extension Bar 5"
	1 pcs 1/2" DR. Extension Bar 10"
	1 pcs 1/2" DR. Spark Plug Socket 16 mm 1 pcs 1/2" DR. Spark Plug Socket 21 mm 1 pcs Adaptor 1/2" F x 3/8" M
	1 pcs 1/2" DR. Hexagon Bits Coupler 8 mm
	13 pcs 1/4" DR. Socket 4 mm - 14 mm 1/4" DR. Deep Socket 6 mm, 7 mm, 8 mm, 9 mm, 10 mm 11 mm, 12 mm, 13 mm
	8 pcs 1/4" DR. Ratchet Handle 5.5"
	1 pcs 1/4" DR. Universal Joint
	1 pcs 1/4" DR. Extension Bar 2"
	1 pcs 1/4" DR. Extension Bar 4"
	1 pcs 1/4" DR. Sliding T Bar 4"
	1 pcs Go-Through Spinner Handle
	1 pcs 1/4" DR. Flexible Spinner Handle 6"
	4 pcs 1/4" DR. Single Head Bits Hexagon 37 mm H3, H4, H5, H6
3 pcs 1/4" DR. Single Head Bits Slotted 37 mm - SL4, SL5, SL7	
6 pcs 1/4" DR. Single Head Bits Torque 37 mm T5, T10, T15, T20, T25, T30	
2 pcs 1/4" DR. Single Head Bits Posi 37 mm, PZ1, PZ2	
4 pcs 5/16" DR. Single Head Bits Hexagon 30 mm H8, H10, H12, H14	
4 pcs 5/16" DR. Single Head Bits Torque 30 mm T40, T45, T50, T55	
2 pcs 5/16" DR. Single Head Bits Posi 30 mm, PZ3, PZ4	
2 pcs 5/16" DR. Single Head Bits Phillips 30 mm, PH3, PH4	
3 pcs 5/16" DR. Single Head Bits Slotted 30 mm SL8, SL10, SL12	
3 pcs Hex Key 1.5 mm, 2 mm, 2.5 mm	
1 pcs 1/4" x 1/4" Hex Adaptor	

ITEM CODE	
6 - 24 mm (6PT)	SC-SE0621



SOCKET SET 3/8" 58 PCS 6 PT

KUNCI SOCK SET 3/8"DR 58 PCS 6PT (PLASTIK)

UKURAN	CONTENT
6 - 24 mm (6PT)	18 pcs 3/8" DR. Socket, 6 mm - 24 mm
	9 pcs 3/8" DR. Deep Socket 8 mm - 19 mm
	7 pcs 3/8" DR. Single Head Bits Hexagon 50 mm H3, H4, H5, H6, H7, H8, H10
	9 pcs 3/8" DR. Single Head Bits Torque 50 mm - T10, T15, T20, T25, T30, T40, T45, T50, T55
	3 pcs 3/8" DR. Single Head Bits Posi 50 mm - PZ1, PZ2, PZ3
	2 pcs 3/8" DR. Single Head Bits Phillips 50 mm - PH1, PH2
	3 pcs 3/8" DR. Single Head Bits Slotted 50 mm - SL4, SL5, SL7
	1 pcs 3/8" DR. Ratchet Handle 8"G Gagang Karet
	1 pcs 3/8" DR. Universal Joint
	1 pcs 3/8" DR. Extension Bar 3"
	1 pcs 3/8" DR. Extension Bar 10"
	1 pcs 3/8" DR. Spark Plug Socket 16 mm 1 pcs 3/8" DR. Spark Plug Socket 21 mm 1 pcs Adaptor 1/2" F x 3/8" M

TOOLS



STAR SOCKET SET 1/2" 9 PCS MATA SOCK BINTANG SET 1/2"DR 9 PCS

ITEM CODE	UKURAN	CONTENT
SC-SA0634	4093	9 pcs 1/2" DR. Star Socket E10, E11, E12, E14, E16 E18, E20, E22, E24



STARBIT SOCKET SET 1/2" 9 PCS MATA SOCK L BINTANG SET 1/2"DR 9 PCS

ITEM CODE	UKURAN	CONTENT
SC-SB0636	4102	9 pcs 1/2" DR. Starbit Socket T20, T25, T27, T30, T40 T45, T50, T55, T60



STARBIT SOCKET SET 1/2" 16 PCS MATA SOCK L BINTANG SET 1/2"DR 16 PCS

ITEM CODE	UKURAN	CONTENT
SC-SB0637	4171	9 pcs 1/2" DR. Star Socket 7 pcs 1/2" DR. Starbit Socket



HEX SOCKET BIT SET 1/2" 10 PCS MATA SOCK L SET 1/2"DR 10 PCS

ITEM CODE	UKURAN	CONTENT
SC-HB0638	4111	7 pcs 1/2" DR. Hex Bit Socket 55 mm H4, H5, H6, H7 H8, H10, H12 1 pcs 1/2" DR. Hex Bit Socket 65 mm H14 2 pcs 1/2" DR. Hex Bit Socket 70 mm H17, H19

TOOL TRAY 1/2" 10 PCS TOOL SET 1/2" 10 PCS-CABINET

ITEM CODE	CONTENT
SC-TT0629	1 pcs 1/2" Dr. Ratchet Handle Gagang karet 1 pcs 1/2" Dr. Universal Joint 1 pcs 1/2" Dr. Sliding T Bar 10" 1 pcs 1/2" Dr. Flexible Handle 15" 1 pcs 1/2" Dr. Offset Handle 10" 1 pcs 1/2" Extension Bar 3", 5", 10" 1 pcs 1/2" Dr. Spark Plug Socket 19, 21 mm

TOOL TRAY 1/2" 20 PCS TOOL SET 1/2" 20 PCS - CABINET

ITEM CODE	CONTENT
SC-TT0630	15 pcs 1/2" Dr. Socket 6 PT 8 mm - 32 mm 1 pcs 1/2" Dr. Ratchet Handle Gagang karet 1 pcs 1/2" Extension Bar 5", 10" 1 pcs 1/2" Dr. Sliding T Bar 10" 1 pcs 1/2" Dr. Universal Joint

TOOL TRAY 1/2" 32 PCS TOOL SET 1/2" 32 PCS - CABINET

ITEM CODE	CONTENT
SC-TT0631	24 pcs 1/2" Dr. Socket 6 PT 8 mm - 32 mm 8 pcs 1/2" Deep Wall Socket 6 PT 10 mm - 22 mm

TOOL TRAY 3/8" 37 PCS TOOL SET 3/8" 37 PCS-CABINET

ITEM CODE	CONTENT
SC-TT0632	13 pcs 1/4" Dr. Socket 6 PT 4 mm - 14 mm 9 pcs 3/8" Dr. Socket 6 PT 10 mm - 22 mm 1 pcs 3/8" Dr. Spark Plug Socket 19 mm 3/8" Dr. Spark Plug Socket 21 mm 1 pcs 3/8" Dr. Ratchet Handle (Gg krt) 1 pcs 3/8" Extension Bar 3", 6" 1 pcs 3/8" Dr. Universal Joint 1 pcs 3/8" Dr. Sliding T Bar 8" 1 pcs 3/8" Dr. Flexible Handle 10" 6 pcs 3/8" Dr. Hex Bits Sockets H3, H4, H5, H6, H8, H10 1 pcs Adaptor 3/8 (F) x 1/4 (M)

ITEM CODE	
B - 32 mm (6 PT)	B - 32 mm (12 PT)
SC-CH0639	SC-CH1285



SOCKET CHEST

MATA SOCK SET 1/2"DR DENGAN DISPLAY BOX BESI

UKURAN	CONTENT
8 - 32 mm (6 / 12 PT)	10 pcs 08 mm
	10 pcs 09 mm
	10 pcs 10 mm
	10 pcs 11 mm
	10 pcs 12 mm
	10 pcs 13 mm
	10 pcs 14 mm
	10 pcs 15 mm
	10 pcs 16 mm
	9 pcs 17 mm
	9 pcs 19 mm
	8 pcs 21 mm
	8 pcs 22 mm
	3 pcs 23 mm
	2 pcs 24 mm
	2 pcs 27 mm
2 pcs 30 mm	
2 pcs 32 mm	

ITEM CODE	
BIT SET 42 PCS	SC-BS0635



BIT SET 42PCS

UKURAN	CONTENT
8 pcs	Star Bit 30 mm T20, T25, T30, T40 T45, T50, T55, T60
	Star Bit 75 mm T20, T25, T30, T40 T45, T50, T55, T60
	6 pcs Hex Bit 30 mm 4, 5, 6, 7, 10, 12
	6 pcs Hex Bit 75 mm 4, 5, 6, 7, 10, 12
5 pcs	Spline Bit 30 mm M5, M6, M8, M10, M12
5 pcs	Spline Bit 75 mm M5, M6, M8, M10, M12
1 pcs	3/8" DR. Bits Hold 10mm
1 pcs	1/2" DR. Bits Hold 10mm

TOOL TRAY 3/8" 38 PCS TOOL SET 3/8" 38 PCS-CABINET

ITEM CODE	CONTENT
SC-TT0633	5 pcs 1/2" Dr. Socket 6 PT 8 mm - 17 mm 5 pcs 1/2" Dr. Socket 12 PT 8 mm, 10 mm, 12 mm 14 mm, 17 mm 5 pcs 1/2" Dr. Deep Wall Socket 6 PT 8 mm, 10 mm, 12 mm 14 mm, 17 mm 11 pcs 1/2" Dr. Socket 6 PT 6 mm - 22 mm 1 pcs 1/2" Dr. Spark Plug Socket 21 mm 1 pcs 3/8" Dr. Spark Plug Socket 19 mm 1 pcs 3/8" Dr. Spark Plug Socket 21 mm 1 pcs Adaptor 3/8 (F) x 1/2 (M) 1 pcs Adaptor 1/2 (F) x 3/8 (M) 1 pcs 3/8" Dr. Ratchet Handle (Gg Krt) 1 pcs 3/8" Extension Bar 3" 1 pcs 3/8" Extension Bar 6" 1 pcs 3/8" Dr. Sliding T Bar 8" 1 pcs 3/8" Dr. Universal Joint 1 pcs 3/8" Dr. Offset Handle 10" 1 pcs 1/2" Dr. Offset Handle 10"

TOOL TRAY TANG 4 PCS

ITEM CODE	CONTENT
PL-TT0787	1 pcs Tang Kombinasi 7" 1 pcs Tang Potong 6" 1 pcs Tang Lancip 6" 1 pcs Tang Lancip 8"



TOOLS



ITEM CODE	UKURAN
IS-IS0661	27 mm
IS-IS0662	28 mm
IS-IS0663	29 mm
IS-IS0664	30 mm
IS-IS0665	32 mm

SOCKET IMPACT 1/2" DR 6 PT

MATA SOCK IMPACT 1/2" DR 6 PT

ITEM CODE	UKURAN
IS-IS0642	8 mm
IS-IS0643	9 mm
IS-IS0644	10 mm
IS-IS0645	11 mm
IS-IS0646	12 mm
IS-IS0647	13 mm
IS-IS0648	14 mm
IS-IS0649	15 mm
IS-IS0650	16 mm
IS-IS0651	17 mm
IS-IS0652	18 mm
IS-IS0653	19 mm
IS-IS0654	20 mm
IS-IS0655	21 mm
IS-IS0656	22 mm
IS-IS0657	23 mm
IS-IS0658	24 mm
IS-IS0659	25 mm
IS-IS0660	26 mm



SOCKET IMPACT 1" DR 6 PT

MATA SOCK IMPACT 1" DR 6 PT

ITEM CODE	UKURAN
IS-IS0697	30 mm
IS-IS0698	32 mm
IS-IS0699	36 mm
IS-IS0700	38 mm
IS-IS0701	41 mm
IS-IS0702	42 mm
IS-IS0703	46 mm
IS-IS0704	48 mm
IS-IS0705	50 mm
IS-IS0706	52 mm
IS-IS0707	55 mm
IS-IS0708	60 mm
IS-IS0709	65 mm
IS-IS0710	70 mm
IS-IS0711	75 mm
IS-IS0712	80 mm
IS-IS0713	85 mm
IS-IS0714	90 mm
IS-IS0715	95 mm
IS-IS0716	100 mm



ITEM CODE	UKURAN
IS-IS0689	55 mm
IS-IS0690	57 mm
IS-IS0691	58 mm
IS-IS0692	59 mm
IS-IS0693	60 mm
IS-IS0694	62 mm
IS-IS0695	65 mm
IS-IS0696	70 mm

SOCKET IMPACT 3/4" DR 6 PT

MATA SOCK IMPACT 3/4" DR 6 PT

ITEM CODE	UKURAN
IS-IS0666	17 mm
IS-IS0667	18 mm
IS-IS0668	19 mm
IS-IS0669	21 mm
IS-IS0670	22 mm
IS-IS0671	23 mm
IS-IS0672	24 mm
IS-IS0673	26 mm
IS-IS0674	27 mm
IS-IS0675	28 mm
IS-IS0676	29 mm
IS-IS0677	30 mm
IS-IS0678	32 mm
IS-IS0679	33 mm
IS-IS0680	34 mm
IS-IS0681	35 mm
IS-IS0682	36 mm
IS-IS0683	38 mm
IS-IS0684	41 mm
IS-IS0685	46 mm
IS-IS0686	50 mm
IS-IS0687	52 mm
IS-IS0688	54 mm



SOCKET DEEP IMPACT 1/2" DR 6 PT

MATA SOCK DEEP IMPACT 1/2" DR 6 PT

ITEM CODE	UKURAN
IS-DP0717	8 mm
IS-DP0718	9 mm
IS-DP0719	10 mm
IS-DP0720	11 mm
IS-DP0721	12 mm
IS-DP0722	13 mm
IS-DP0723	14 mm
IS-DP0724	15 mm
IS-DP0725	16 mm
IS-DP0726	17 mm
IS-DP0727	18 mm
IS-DP0728	19 mm
IS-DP0729	20 mm
IS-DP0730	21 mm
IS-DP0731	22 mm
IS-DP0732	23 mm
IS-DP0733	24 mm
IS-DP0734	26 mm
IS-DP0735	27 mm
IS-DP0736	28 mm
IS-DP0737	29 mm
IS-DP0738	30 mm
IS-DP0739	32 mm



RATCHET HANDLE IMPACT

ITEM CODE	UKURAN
IS-RH0740	3/4" X 20"
IS-RH0741	1" X 26"



OFFSET HANDLE IMPACT

GAGANG SOCK-L IMPACT

ITEM CODE	UKURAN
IS-OH0748	3/4" X 20"
IS-OH0757	1" X 26"



EXTENSION BAR IMPACT

SAMBUNGAN SOK IMPACT

ITEM CODE	UKURAN
IS-EB0742	1/2" X 3"
IS-EB0743	1/2" X 5"
IS-EB0744	1/2" X 10"
IS-EB0745	3/4" X 4"
IS-EB0746	3/4" X 10"



ADAPTOR IMPACT

ITEM CODE	UKURAN
IS-AI0749	3/8 F x 1/2 M
IS-AI0750	1/2 F x 3/8 M
IS-AI0751	1/2 F x 3/4 M
IS-AI0752	3/4 F x 1/2 M
IS-AI0753	3/4 F x 1 M
IS-AI0754	1 F x 3/4 M



SLIDING T IMPACT

GAGANG SOCK-T

ITEM CODE	UKURAN
IS-SL0747	3/4" X 20"
IS-SL0756	1" X 22"

ITEM CODE
21 - 50 mm (6PT)
IS-SE0755



SOCKET SET IMPACT 3/4" 17 PCS

KUNCI SOCK SET IMPACT 3/4" DR 17 PCS (BESI)

UKURAN	CONTENT
21 - 50 mm (6PT)	1 pcs : 3/4" DR. Ratchet Handle 20"
	1 pcs : 3/4" DR. Impact Extension Bar 4"
	1 pcs : 3/4" DR. Impact Extension Bar 10"
	1 pcs : 3/4" DR. Impact Sliding T Bar 20"
	1/2" DR. Socket
	21 mm, 22 mm, 23 mm, 24 mm
	13 pcs : 27 mm, 30 mm, 32 mm
	36 mm, 38 mm, 41 mm
	46 mm, 50 mm
	1 pcs : Metal Case

TOOLS



LINESMAN PLIERS TANG KOMBINASI

ITEM CODE	UKURAN
PL-LM0758	7"
PL-LM0759	8"



LONG NOSE PLIERS TANG LANCIP

ITEM CODE	UKURAN
PL-LN0760	6"
PL-LN0761	8"



DIAGONAL PLIERS TANG POTONG

ITEM CODE	UKURAN
PL-DG0762	6"
PL-DG0763	8"



LOCKING GRIP PLIERS STRAIGHT TANG BUIAYA LURUS

ITEM CODE	UKURAN
PL-LG0767	7"
PL-LG0768	10"



LOCKING GRIP PLIERS CURVED TANG BUIAYA BENGKOK

ITEM CODE	UKURAN
PL-LG0769	7"
PL-LG0770	10"



DIAGONAL PLIERS - DIPPED HANDLE TANG POTONG

ITEM CODE	UKURAN
PL-DD0764	5"
PL-DD0765	6"
PL-DD0766	8"



SLIP JOINT PLIERS TANG SLIP JOINT

ITEM CODE	UKURAN
PL-SJ0783	6"
PL-SJ0784	8"



WATER PUMP PLIERS TANG BURUNG

ITEM CODE	UKURAN
PL-WP0785	10"
PL-WP0786	12"



SNAP RING PLIERS (EB) TANG SNAP RING

ITEM CODE	UKURAN
PL-SR0771	5"
PL-SR0772	7"
PL-SR0773	9"



SNAP RING PLIERS (IB) TANG SNAP RING

ITEM CODE	UKURAN
PL-SR0774	5"
PL-SR0775	7"
PL-SR0776	9"



SNAP RING PLIERS (ES) TANG SNAP RING

ITEM CODE	UKURAN
PL-SR0777	5"
PL-SR0778	7"
PL-SR0779	9"



SNAP RING PLIERS (IS) TANG SNAP RING

ITEM CODE	UKURAN
PL-SR0780	5"
PL-SR0781	7"
PL-SR0782	9"



LINESMAN PLIERS MINI TANG KOMBINASI MINI

ITEM CODE	UKURAN
PL-LM1288	4.5"



LONG NOSE PLIERS MINI TANG LANCIP MINI

ITEM CODE	UKURAN
LN-LN1289	4.5"



DIAGONAL PLIERS MINI TANG POTONG MINI

ITEM CODE	UKURAN
PL-DG1290	4.5"

TOOLS

IN LINE SCREWDRIVER OBENG KRISTAL

ITEM CODE		UKURAN/TYPE	
(+)	(-)	(+)	(-)
SD-IL0789	SD-IL0819	PH00 X 50 mm (Ø2.5)	2.5 X 50 mm
SD-IL0790	SD-IL0820	PH00 X 75 mm (Ø2.5)	2.5 X 75 mm
SD-IL0791	SD-IL0821	PH00 X 100 mm (Ø2.5)	2.5 X 100 mm
SD-IL0792	SD-IL0822	PH0 X 75 mm (Ø3.2)	3.2 X 75 mm
SD-IL0793	SD-IL0823	PH0 X 100 mm (Ø3.2)	3.2 X 100 mm
SD-IL0794	SD-IL0824	PH0 X 150 mm (Ø3.2)	3.2 X 150 mm
SD-IL0795	SD-IL0825	PH0 X 200 mm (Ø3.2)	3.2 X 200 mm
SD-IL0796	SD-IL0826	PH0 X 100 mm (Ø4)	4 X 100 mm
SD-IL0797	SD-IL0827	PH0 X 125 mm (Ø4)	4 X 125 mm
SD-IL0798	SD-IL0828	PH0 X 150 mm (Ø4)	4 X 150 mm
SD-IL0799	SD-IL0829	PH0 X 200 mm (Ø4)	4 X 200 mm
SD-IL0800	SD-IL0830	PH0 X 250 mm (Ø4)	4 X 250 mm
SD-IL0801	SD-IL0831	PH1 X 75 mm (Ø5)	5 X 75 mm
SD-IL0802	SD-IL0832	PH1 X 100 mm (Ø5)	5 X 100 mm
SD-IL0803	SD-IL0833	PH1 X 125 mm (Ø5)	5 X 125 mm
SD-IL0804	SD-IL0834	PH1 X 150 mm (Ø5)	5 X 150 mm
SD-IL0805	SD-IL0835	PH1 X 200 mm (Ø5)	5 X 200 mm
SD-IL0806	SD-IL0836	PH1 X 250 mm (Ø5)	5 X 250 mm
SD-IL0807	SD-IL0837	PH1 X 300 mm (Ø5)	5 X 300 mm
SD-IL0808	SD-IL0838	PH2 X 38 mm (Ø6)	6 X 38 mm
SD-IL0809	SD-IL0839	PH2 X 100 mm (Ø6)	6 X 100 mm
SD-IL0810	SD-IL0840	PH2 X 125 mm (Ø6)	6 X 125 mm
SD-IL0811	SD-IL0841	PH2 X 150 mm (Ø6)	6 X 150 mm
SD-IL0812	SD-IL0842	PH2 X 200 mm (Ø6)	6 X 200 mm
SD-IL0813	SD-IL0843	PH2 X 250 mm (Ø6)	6 X 250 mm
SD-IL0814	SD-IL0844	PH2 X 300 mm (Ø6)	6 X 300 mm
SD-IL0815	SD-IL0845	PH3 X 150 mm (Ø8)	8 X 150 mm
SD-IL0816	SD-IL0846	PH3 X 200 mm (Ø8)	8 X 200 mm
SD-IL0817	SD-IL0847	PH3 X 250 mm (Ø8)	8 X 250 mm
SD-IL0818	SD-IL0848	PH3 X 300 mm (Ø8)	8 X 300 mm



CUSHION GRIP OBENG GAGANG KARET

ITEM CODE		UKURAN/TYPE	
(+)	(-)	(+)	(-)
SD-CG0850	SD-CG0858	1 X 75 mm (Ø5)	5 X 75 mm
SD-CG0851	SD-CG0859	2 X 38 mm (Ø6)	6 X 38 mm
SD-CG0852	SD-CG0860	2 X 100 mm (Ø6)	6 X 100 mm
SD-CG0853	SD-CG0861	2 X 125 mm (Ø6)	6 X 125 mm
SD-CG0854	SD-CG0862	2 X 150 mm (Ø6)	6 X 150 mm
SD-CG0855	SD-CG0863	2 X 200 mm (Ø6)	6 X 200 mm
SD-CG0856	SD-CG0864	2 X 250 mm (Ø6)	6 X 250 mm
SD-CG0857	SD-CG0865	2 X 300 mm (Ø6)	6 X 300 mm



GO-THRU GREEN HANDLE OBENG TEMBUS HIJAU

ITEM CODE		UKURAN/TYPE	
(+)	(-)	(+)	(-)
SD-GT0866	SD-GT0874	PH 1 X 75 mm (Ø5)	5 X 75 mm
SD-GT0867	SD-GT0875	PH 2 X 100 mm (Ø6)	6 X 100 mm
SD-GT0868	SD-GT0876	PH 2 X 125 mm (Ø6)	6 X 125 mm
SD-GT0869	SD-GT0877	PH 2 X 150 mm (Ø6)	6 X 150 mm
SD-GT0870	SD-GT0878	PH 2 X 200 mm (Ø6)	6 X 200 mm
SD-GT0871	SD-GT0879	PH 3 X 200 mm (Ø8)	8 X 200 mm
SD-GT0872	SD-GT0880	PH 3 X 250 mm (Ø8)	8 X 250 mm
SD-GT0873	SD-GT0881	PH 3 X 300 mm (Ø8)	8 X 300 mm



TPR GO-THRU SCREWDRIVER

ITEM CODE		UKURAN/TYPE	
(+)	(-)	(+)	(-)
SD-TG0940	SD-TG0948	PH1 x 75 mm (Ø5)	5 x 75 mm
SD-TG0941	SD-TG0949	PH2 x 100 mm (Ø6)	6 x 100 mm
SD-TG0942	SD-TG0950	PH2 x 125 mm (Ø6)	6 x 125 mm
SD-TG0943	SD-TG0951	PH2 x 150 mm (Ø6)	6 x 150 mm
SD-TG0944	SD-TG0952	PH2 x 200 mm (Ø6)	6 x 200 mm
SD-TG0945	SD-TG0953	PH3 x 200 mm (Ø8)	8 x 200 mm
SD-TG0946	SD-TG0954	PH3 x 250 mm (Ø8)	8 x 250 mm
SD-TG0947	SD-TG0955	PH3 x 300 mm (Ø8)	8 x 300 mm



TPR SCREWDRIVER OBENG TPR

ITEM CODE		UKURAN/TYPE	
(+)	(-)	(+)	(-)
SD-TR0882	SD-TR0898	PH0 X 150 mm (Ø3)	3 X 150 mm
SD-TR0883	SD-TR0899	PH0 X 200 mm (Ø3)	3 X 200 mm
SD-TR0884	SD-TR0900	PH0 X 100 mm (Ø4)	4 X 100 mm
SD-TR0885	SD-TR0901	PH0 X 150 mm (Ø4)	4 X 150 mm
SD-TR0886	SD-TR0902	PH0 X 200 mm (Ø4)	4 X 200 mm
SD-TR0888	SD-TR0903	PH1 X 75 mm (Ø5)	5 X 75 mm
SD-TR0889	SD-TR0904	PH1 X 100 mm (Ø5)	5 X 100 mm
SD-TR0890	SD-TR0905	PH1 X 125 mm (Ø5)	5 X 125 mm
SD-TR0891	SD-TR0906	PH1 X 150 mm (Ø5)	5 X 150 mm
SD-TR0892	SD-TR0907	PH2 X 38 mm (Ø6)	6 X 38 mm
SD-TR0893	SD-TR0908	PH2 X 100 mm (Ø6)	6 X 100 mm
SD-TR0894	SD-TR0909	PH2 X 125 mm (Ø6)	6 X 125 mm
SD-TR0887	SD-TR0910	PH2 X 150 mm (Ø6)	6 X 150 mm
SD-TR0895	SD-TR0911	PH2 X 200 mm (Ø6)	6 X 200 mm
SD-TR0896	SD-TR0912	PH2 X 250 mm (Ø6)	6 X 250 mm
SD-TR0897	SD-TR0913	PH2 X 300 mm (Ø6)	6 X 300 mm



TWO WAY SCREWDRIVER OBENG DUA ARAH

ITEM CODE	UKURAN/TYPE
(+)	(-)
SD-TW0849	2 X 125 mm ; 6 X 125 mm



TPR 2 WAY SCREWDRIVER OBENG TPR DUA ARAH

ITEM CODE	UKURAN/TYPE
(+)	(-)
SD-TR0957	2 X 125 mm ; 6 X 125 mm



NUT SCREWDRIVER OBENG SOK

ITEM CODE	UKURAN
SD-NT0914	3 mm
SD-NT0915	3.5 mm
SD-NT0916	4 mm
SD-NT0917	5 mm
SD-NT0918	5.5 mm
SD-NT0919	6 mm
SD-NT0920	8 mm



TOOLS



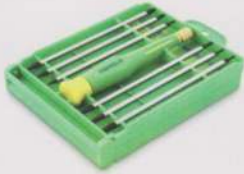
6 PCS SCREWDRIVER EXTRACTOR SET TAP BALIK SET 6 PCS

ITEM CODE	CONTENT
SD-EX0926	6 pcs Screwdriver Extractor 1/8"-1/4", 1/4"-5/16", 5/16"-7/16" 7/16"-9/16", 3/4"-1"



INSULATION PRECISION SCREWDRIVER 6 PCS OBENG SET 6 PCS

ITEM CODE	CONTENT
SD-PE0937	6 pcs Insulation Precision Screwdriver (+) #1 x 25 mm, (+) #0 x 25 mm (+) #00 x 25 mm (-) 1.4 x 25 mm, (-) 1.8 x 25 mm (-) 2.4 x 25 mm



PRECISION SCREWDRIVER 12 IN 1 SET OBENG PRESISI SET 12 IN 1

ITEM CODE	UKURAN
SD-PR0933	



10 PCS DOUBLE ENDED BIT SET MATA OBENG ANGIN SET 10 PCS

ITEM CODE	UKURAN
SD-DE0958	PH 1 X 65
SD-DE0927	PH 2 X 65
SD-DE0928	PH 2 X 110
SD-DE0929	PH2 (-) 6 X 65



MAGNETIC HEX NUT

ITEM CODE	UKURAN
SD-MH1406	6 x 65 mm
SD-MH1407	8 x 65 mm
SD-MH1408	10 x 65 mm



PRECISION SCREWDRIVER SET 30 PCS OBENG SET PRESISI 30 PCS

ITEM CODE	CONTENT
SD-PS0936	9 pcs Bits Torque T4, T5, T6, T7, T8, T9, T10, T15, T20
	8 pcs Bits Hex 0.7 mm, 0.9 mm, 1.3 mm, 1.5 mm 2 mm, 2.5 mm, 3 mm, 4 mm
	7 pcs Bits (-) 1 mm, 1.5 mm, 2 mm, 2.5 mm 3 mm, 3.5 mm, 4 mm
	4 pcs Bits (+) PH000, PH00, PH0, PH1
	2 pcs Bits Pozzi PZ0, PZ1



PRECISION ELECTRO SCREWDRIVER SET 6 PCS OBENG SET LISTRIK PRESISI 6 PCS

ITEM CODE	CONTENT
SD-IP0930	6 pcs Electro Screwdriver (+) #1 x 25 mm, (+) #0 x 25 mm (+) #00 x 25 mm (-) 4 x 100 mm, (-) 5.5 x 125 mm (-) 6.5 x 150 mm, (-) 8 x 150 mm



ELECTRO SCREWDRIVER SET 7 PCS OBENG SET LISTRIK 7 PCS

ITEM CODE	CONTENT
SD-EL0938	7 pcs Electro Screwdriver (+) 1 x 80 mm, (+) 2 x 100 mm (+) 3 x 150 mm (-) 4 x 100 mm, (-) 5.5 x 125 mm (-) 6.5 x 150 mm, (-) 8 x 150 mm



GO THRU SCREWDRIVER SET 7 PCS OBENG SET 7 PCS (TEMBUS HIAJU)

ITEM CODE	CONTENT
SD-TG0932	4 pcs Go Thru Screwdriver Flat 5 x 75 mm, 6 x 100 mm, 6 x 150 mm, 8 x 200 mm
	3 pcs Go Thru Screwdriver Phillips 5 x 75 mm, 6 x 100 mm, 8 x 200 mm



IN LINE SCREWDRIVER SET 7 PCS OBENG KRISTAL SET 7 PCS

ITEM CODE	CONTENT
SD-IL0935	7 pcs In Line Screwdriver (+) #2 x 38 mm, (+) #2 x 100 mm (+) #3 x 150 mm (-) 2.5 x 100 mm, (-) 6 x 38 mm (-) 6 x 100 mm, (+) 8 x 150 mm



CUSHION GRIP SCREWDRIVER 7 PCS OBENG GAGANG KARET SET 7 PCS

ITEM CODE	CONTENT
SD-FG0934	7 pcs Cushion Grip Screwdriver (+) #2 x 38 mm, #2 x 100 mm #3 x 150 mm (-) 2.5 x 100 mm, (-) 6 x 38 mm (-) 6 x 100 mm, (-) 8 x 150 mm



TPR GO THRU SCREWDRIVER SET 7 PCS OBENG TPR SET 7 PCS (KETOK)

ITEM CODE	CONTENT
SD-TG0956	4 pcs Go Thru Screwdriver Flat 5 x 75 mm, 6 x 100 mm, 8 x 150 mm, 9.5 x 200 mm
	3 pcs Go Thru Screwdriver Phillips PH1x 75 mm PH2 x 100 mm, PH3 x 150 mm



IMPACT DRIVER 5 PCS SET OBENG KETOK SET 5 PCS

ITEM CODE	UKURAN
SD-IM0923	5 pcs



IMPACT DRIVER 9 PCS SET OBENG KETOK SET 9 PCS

ITEM CODE	UKURAN
SD-IM0922	9 pcs



IMPACT DRIVER 11 PCS SET OBENG KETOK SET 11 PCS

ITEM CODE	UKURAN
SD-IM0921	11 pcs



IMPACT DRIVER BITS SET 12 PCS (S2) MATA OBENG KETOK SET 12 PCS

ITEM CODE	UKURAN
SD-IB0924	PH 2 (+)
SD-IB1287	PH 3 (+)
SD-IB0925	PH 2 (-)

TOOLS



MACHINE BLOCK WRENCH KUNCI BLOK MESIN

ITEM CODE	UKURAN	QUANTITY Dus Kecil/Besar	HARGA
AU-MB0959	17 X 24 mm	6 / 60 pcs	Rp 54
AU-MB0960	17 X 24 mm (NEW)	6 / 60 pcs	Rp 61



OIL FILTER WRENCH (CHAIN) KUNCI OIL FILTER (RANTAI)

ITEM CODE	UKURAN
AU-OF0961	6"
AU-OF0962	9"



OIL FILTER WRENCH (BELT) KUNCI OIL FILTER (KULIT)

ITEM CODE	UKURAN
AU-OF0963	9"



OIL FILTER (BOWL) KUNCI OIL FILTER (MANGKOK)

ITEM CODE	UKURAN
AU-OF0964	64 mm
AU-OF0965	74 mm
AU-OF0966	79 mm
AU-OF0967	89 mm
AU-OF0968	99 mm

NOTE :
64 mm = avanza / xenia, CRV lama, City
74 mm = bmw, vw, audi, opel, harley, innova
79 mm = kijang kapsul, taruna, feroza, ford
89 mm = civic, mitsubishi, panther lama
99 mm = colt diesel, panther



WHEEL NUT WRENCH KUNCI RODA L

ITEM CODE	UKURAN
AU-WN0976	19 mm
AU-WN0977	21 mm



FEELER GAUGE

ITEM CODE	UKURAN
AU-FG1292	13 blades



FEELER GAUGE ROLL

ITEM CODE	UKURAN
AU-FG1293	0.02 mm x 13 x 5
AU-FG1294	0.03 mm x 13 x 5
AU-FG1295	0.04 mm x 13 x 5
AU-FG1296	0.05 mm x 13 x 5
AU-FG1297	0.06 mm x 13 x 5
AU-FG1298	0.07 mm x 13 x 5
AU-FG1299	0.08 mm x 13 x 5
AU-FG1300	0.09 mm x 13 x 5
AU-FG1301	0.10 mm x 13 x 5



TIRE GAUGE (SMALL) UKUR TEKANAN ANGIN (KECIL)

ITEM CODE	UKURAN
AU-TG0980	60 lb
AU-TG0981	120 lb



TIRE GAUGE (BIG) UKUR TEKANAN ANGIN (BESAR)

ITEM CODE	UKURAN
AU-TG0982	# 7 (160 psi)
AU-TG0983	# 9 (200 psi)



2 WAY OIL FILTER KUNCI OIL FILTER 2 ARAH

ITEM CODE	UKURAN
AU-OF0969	63 - 102 mm



AUTO VOLTAGE TESTER

ITEM CODE	UKURAN
AU-VT1061	DC



DRAIN PLUG WRENCH KUNCI OLI GARDAN

ITEM CODE	UKURAN
AU-OP0970	8 X 10 mm
AU-OP0971	10 X 10 mm



WHEEL NUT WRENCH (BLACK) KUNCI RODA HITAM

ITEM CODE	UKURAN
AU-WN0972	10 mm
AU-WN0973	12 mm
AU-WN0974	14 mm



WHEEL MASTER KUNCI RODA TARIK

ITEM CODE	UKURAN
AU-WM0975	19 X 21 mm



AIR CHUCK 6" ISI ANGIN (KECIL)

ITEM CODE	UKURAN
AU-AC0984	Chrome 6"

ITEM CODE
AU-TU1060

TUNE UP KIT 5 PCS

UKURAN	CONTENT
1 pcs	3/8" DR. Ratchet Handle Flexible
1 pcs	3/8" Spark Plug Socket 16 mm
1 pcs	3/8" Spark Plug Socket 21 mm
1 pcs	3/8" DR. Extension Bar 5"
1 pcs	3/8" DR. Extension Bar 8"



TIRE PRESSURE GAUGE 3 IN 1 ISI ANGIN 3 FUNGSI

ITEM CODE	UKURAN
AU-PG1405	200 psi



PRESSURE GAUGE UKUR TEKANAN 2.5"

ITEM CODE	UKURAN
AU-PG1395	2.5 bar
AU-PG0986	4 bar
AU-PG0987	6 bar
AU-PG0988	10 bar
AU-PG0989	16 bar
AU-PG0990	25 bar

TOOLS



3 FUNCTION TIRE GAUGE ISI ANGIN 3 FUNGSI (SLIDING CARD)

ITEM CODE	UKURAN
AU-TG0991	200 psi



TIRE GAUGE FOR TRUCK ISI ANGIN 3 FUNGSI (TRUCK)

ITEM CODE	UKURAN
AU-TG0992	220 psi



AIR CHUCK FOR TRUCK ISI ANGIN (BESAR)

ITEM CODE	UKURAN
AU-AC0993	12"



HYDRAULIC FLOOR JACK WITH CASE 2 TON SPEC #2 DONGKRAK BUAYA 2 TON SPEC #2

ITEM CODE	UKURAN
AU-FJ0994	2 Ton



HYDRAULIC BOTTLE JACK DONGKRAK BOTOL

ITEM CODE	UKURAN
AU-BJ1001	2 Ton
AU-BJ1002	4 Ton
AU-BJ1003	6 Ton
AU-BJ1004	10 Ton
AU-BJ1005	15 Ton
AU-BJ1006	20 Ton
AU-BJ1007	30 Ton
AU-BJ1008	50 Ton
AU-BJ1009	100 Ton



JACK STAND TAHANAN DONGKRAK

ITEM CODE	UKURAN
AU-JS1010	3 Ton
AU-JS1011	6 Ton



HAND GREASE GUN POMPA GEMUK-TANGAN

ITEM CODE	UKURAN
AU-GG1015	500 cc



MINI GREASE GUN POMPA GEMUK MINI-TANGAN

ITEM CODE	UKURAN
AU-GG1014	100 cc



SET HOSE HAND GREASE GUN 6 PCS

ITEM CODE	UKURAN
AU-HG1369	



FLOOR JACK TYPE ROTARY DONGKRAK BUAYA PUTAR

ITEM CODE	UKURAN
AU-FJ0995	2 Ton



HEAVY DUTY HYDRAULIC FLOOR JACK DONGKRAK BUAYA PANJANG

ITEM CODE	UKURAN
AU-FJ0997	3 Ton
AU-FJ0998	5 Ton
AU-FJ0999	10 Ton



DONGKRAK JEMBATAN 2 TON

ITEM CODE	UKURAN
AU-SJ1059	2 Ton



HYDRAULIC FLOOR JACK WITH FOOT PUMP 3 TON DONGKRAK BUAYA 3 TON (PENDEK)

ITEM CODE	UKURAN
AU-FJ0996	3 Ton



HAND GREASE PUMP POMPA GEMUK-DRUM

ITEM CODE	UKURAN
AU-GP1012	20 L



HAND OIL PUMP POMPA OLI-DRUM

ITEM CODE	UKURAN
AU-OP1013	20 L



OIL SUCTION GUN POMPA OLI-TANGAN

ITEM CODE	UKURAN
AU-SG1016	500 cc
AU-SG1291	1000 cc



RIM CROWBAR CONGKELAN BAN

ITEM CODE	UKURAN
AU-RC1017	10"
AU-RC1018	12"

TOOLS



MAGNETIC TRACKER YAMAHA CRYPTON NEW (TE-GO)

ITEM CODE	TYPE
AU-MT1029	YC



MAGNETIC TRACKER TREKER MAGNET

ITEM CODE	TYPE
AU-MT1020	GL
AU-MT1021	GR
AU-MT1022	KH
AU-MT1023	NT
AU-MT1024	KN
AU-MT1025	SU
AU-MT1026	YC
AU-MT1027	YF
AU-MT1028	RX

KETERANGAN	
GL	= HONDA GL - PRO
GR	= HONDA GRAND
KH	= HONDA KHARISMA
NT	= HONDA NEO - TECH
KN	= KAWASAKI NINJA
SU	= SUZUKI SHOgun
YC	= YAMAHA CRYPTON
YF	= YAMAHA FORCE 1
RX	= YAMAHA RX - KING

MAGNETIC TRACKER MULTI FUNCTION TREKER MAGNET MULTIFUNGSI

ITEM CODE	TYPE
AU-MT1030	NO 1
AU-MT1031	NO 2
AU-MT1032	NO 3
AU-MT1033	NO 4

KETERANGAN	
NO 1	= Honda (Kharisma, NSR, Tiger), Kawasaki (Ninja)
	Yamaha (RX), Suzuki (Satria, RC, Thunder 125)
NO 2	= Honda (C700, KC, GL, Grand, Tiger)
	Yamaha (RX-K, RX-S, RX-Z, Mio, Nouvo)
	Suzuki (GTO, RS, RGR, Satria F 150, Shogun)
NO 3	= Yamaha (Alfa, Champ, Force 1)
NO 4	= Honda (Neotech, Tiger), Suzuki (RC), Yamaha (RX)



COIL SPRING CLAMP (DOUBLE) TREKER PER MOBIL-DOUBLE

ITEM CODE	UKURAN
AU-CS1039	400 mm



UNIVERSAL HOLDER TAHANAN KOPLING

ITEM CODE	UKURAN
AU-UH1040	33 X 22 cm



CLUTCH SPRING CHECK TOOL TAHANAN RUMAH KOPLING MOTOR MATIC

ITEM CODE	UKURAN
AU-CP1041	125 - 155 mm



PULLEY HOLDER 8 PCS (CRANKCASE/CRANKSHAFT) TREKER RUMAH MESIN MOTOR

ITEM CODE	UKURAN
AU-CR1042	



HEAVY DUTY VALVE SPRING COMPRESSOR TREKER KLEP MOBIL

ITEM CODE	UKURAN
AU-CR1043	19 mm - 16.5 mm
	23 mm - 21.5 mm
	25 mm - 23.5 mm



MECHANIC CREEPER

ITEM CODE	UKURAN
AU-MC1019	100 X 46 cm



DISC BRAKE SPREADER TREKER REM MOBIL

ITEM CODE	UKURAN
AU-DB1034	15.2 X 7.3 X 2.1 cm



BALL JOINT SEPARATOR TREKER BALL JOINT

ITEM CODE	UKURAN
AU-BJ1036	9"



FLANGE AXLE PULLER TREKER KAKI BEBEK

ITEM CODE	UKURAN
AU-AP1037	59 X 18 cm



COIL SPRING COMPRESSOR (SINGLE) TREKER PER MOBIL-SINGLE

ITEM CODE	UKURAN
AU-CS1038	400 mm



BEARING PULLER TREKER BEARING

ITEM CODE	UKURAN
AU-BP1044	AB1
AU-BP1045	AB2



TWO ARM PULLER TREKER KAKI 2

ITEM CODE	UKURAN
AU-AP1047	3"
AU-AP1048	4"
AU-AP1049	6"
AU-AP1050	8"
AU-AP1051	10"
AU-AP1052	12"



THREE ARM PULLER TREKER KAKI 3

ITEM CODE	UKURAN
AU-AP1053	3"
AU-AP1054	4"
AU-AP1055	6"
AU-AP1056	8"
AU-AP1057	10"
AU-AP1058	12"



ALL IN GEAR PULLER

ITEM CODE	UKURAN
AU-GP1035	22 X 13.3 X 1.7 X 1.7 X 1.2 cm



CHAIN REMOVER PEMOTONG RANTAI

ITEM CODE	UKURAN
AU-CR1046	25 - 60

TOOLS

MECHANIC TOOLS 45 PCS AUTOMOTIVE TOOL SET (BESI)

ITEM CODE
45 pcs
AU-MT0978



UKURAN	CONTENT
9 pcs	Socket
	10 mm, 12 mm, 13 mm
	14 mm, 17 mm, 19 mm
	21 mm, 22 mm, 24 mm
	1 pcs Spark Plug 21 mm
1 pcs Flexible Handle 15"	
1 pcs Ratchet Handle 10" Gagang karet	
1 pcs Extension Bar 5"	
1 pcs Diagonal Plier 6"	
1 pcs Long Nose Plier 6"	
1 pcs Slip Joint Pliers 8"	
1 pcs Water Pump Pliers 10"	
1 pcs Ballpeen Hammer 6 OZ	
45 pcs	Open End Wrench
	6 pcs 8 x 9 mm, 10 x 11 mm
	12 x 13 mm, 12 x 14 mm
	14 x 17 mm, 17 x 19 mm
6 pcs	Boxes End Wrench
	10 x 11 mm, 12 x 13 mm
	12 x 14 mm, 14 x 17 mm
4 pcs	19 x 21 mm, 22 x 24 mm
	Scubby Screwdriver
	(+) 2 x 38 mm, (+) 6 x 38 mm
	(-) 2 x 38 mm, (-) 6 x 38 mm
2 pcs	Mini SC 3 x 3.2
2 pcs	Impact SC 3 x 5
2 pcs	Impact SC 6 x 8
1 pcs	Impact SC 6 x 9.5
1 pcs	Adjustable Wrench 8"
1 pcs	Files 12"
1 pcs	Metal Case

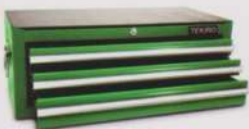
MECHANIC TOOLS 59 PCS YAMAHA TOOL KIT (BESI)

ITEM CODE
59 pcs
AU-MT0979



UKURAN	CONTENT
5 pcs	Open end wrench
	6 x 7 mm, 8 x 10 mm, 12 x 14 mm
5 pcs	Double Box Offset Wrench
	17 x 19 mm, 22 x 24 mm
10 pcs	Shocket Wrench
	6 x 7 mm, 8 x 10 mm, 12 x 14 mm
	17 x 19 mm, 22 x 24 mm
8 mm, 10 mm, 12 mm	
	14 mm, 17 mm, 19 mm, 21 mm
22 mm, 23 mm, 24 mm	
	1 pcs Quick Release Racket 190 L / 8"
1 pcs Extension With Knurl 150 L / 6"	
1 pcs Sliding T Handle 200 L / 8"	
2 pcs	Spark Plug
	16 mm, 21 mm
6 pcs	Screw Driver
	1 x 75 mm, 2 x 100 mm
59 pcs	3 x 150 mm, 5 x 75 mm
	6 x 100 mm, 8 x 150 mm
2 pcs	Screw Driver Stubby
	2 x 38 mm, 6 x 38 mm
1 pcs Slip Joint Plier 8"	
1 pcs Long Nose Plier 6"	
1 pcs Diagonal Plier 6"	
2 pcs	Snap Ring 7"
1 pcs	Ajustable Wrench 10"
1 pcs	Iron Hammer/Ball
1 pcs	Pein Hammer 0.5 kgs
1 set	Sofface Hammer / Dauble Plastic Hammer 320 mm (30 mm)
	Hexago wrench set 2 - 10 mm
1 set	Impact Driver 11 pcs
1 pcs	Plastic Handle
	Screwdriver (-) 3x 100 mm
1 pcs	Feller Gauge
1 pcs	Scraper
3 pcs	T-Type Wrench (New)
	8 mm, 10 mm, 12 mm
1 pcs	Metal Case

CABINET 3 DRAW



ITEM CODE	UKURAN	TYPE
ST-CA1062	76.5 x 40 x 36.5 cm	TBI 4003X

CABINET 6 DRAW



ITEM CODE	UKURAN	TYPE
ST-CA1063	73.5 x 35 x 42 cm	TBI 4006E

ROLLER CABINET 4 DRAW



ITEM CODE	UKURAN	TYPE
ST-RC1064	77 x 53 x 84.5 cm	TBI 3003

ROLLER CABINET 7 DRAW



ITEM CODE	UKURAN	TYPE
ST-RC1065	77 x 53 x 84.5 cm	TBI 3007

TOOL BOX 1 SUSUN (BESI)



ITEM CODE	UKURAN
ST-TB1066	T-528
ST-TB1067	T-325

NOTE :

SIZE T-528 = 41 x 15 x 12.5 cm
SIZE T-325 = 35.5 x 14.5 x 11.5 cm

TOOL BOX 3 SUSUN (BESI)



ITEM CODE	UKURAN
ST-TB1068	55 x 20 x 29 cm

TOOL BOX 0201 (PLASTIK)



ITEM CODE	UKURAN	TYPE
ST-TB1069	38 x 17.5 x 14 cm	TB901

TOOL BOX 0210 (PLASTIK)



ITEM CODE	UKURAN	TYPE
ST-TB1070	44.2 x 23.8 x 20.7 cm	TB902

TOOLS

TOOL BOX 0205 (PLASTIK)

ITEM CODE	UKURAN	TYPE
ST-TB1071	44.2 x 23.8 x 20.7 cm	TB905



TOOL BOX 02800 (PLASTIK)

ITEM CODE	UKURAN	TYPE
ST-TB1072	56 x 27.8 x 27 cm	TB800



TOOL BAG (TERPAL)

ITEM CODE	UKURAN
ST-BA1073	39 X 8 X 11 cm



QUICK COUPLER TWO TOUCH SF

ITEM CODE	UKURAN
AT-QC1086	20 SF
AT-QC1087	30 SF
AT-QC1088	40 SF



SH

ITEM CODE	UKURAN
AT-QC1089	20 SH
AT-QC1090	30 SH
AT-QC1091	40 SH



SM

ITEM CODE	UKURAN
AT-QC1092	20 SM
AT-QC1093	30 SM
AT-QC1094	40 SM



SP

ITEM CODE	UKURAN
AT-QC1095	20 SP
AT-QC1096	30 SP
AT-QC1097	40 SP



QUICK COUPLER ONE TOUCH SF

ITEM CODE	UKURAN
AT-QC1074	20 SF
AT-QC1075	30 SF
AT-QC1076	40 SF



SH

ITEM CODE	UKURAN
AT-QC1077	20 SH
AT-QC1078	30 SH
AT-QC1079	40 SH



SM

ITEM CODE	UKURAN
AT-QC1080	20 SM
AT-QC1081	30 SM
AT-QC1082	40 SM



SP

ITEM CODE	UKURAN
AT-QC1083	20 SP
AT-QC1084	30 SP
AT-QC1085	40 SP



QUICK COUPLER PLUG PF

ITEM CODE	UKURAN
AT-QC1098	20 PF
AT-QC1099	30 PF
AT-QC1100	40 PF



PH

ITEM CODE	UKURAN
AT-QC1101	20 PH
AT-QC1102	30 PH
AT-QC1103	40 PH



PM

ITEM CODE	UKURAN
AT-QC1104	20 PM
AT-QC1105	30 PM
AT-QC1106	40 PM



PP

ITEM CODE	UKURAN
AT-QC1107	20 PP
AT-QC1108	30 PP
AT-QC1109	40 PP



TOOLS



ENGINE CLEANING GUN

ITEM CODE	UKURAN
AT-CG1110	15"



AIR DUSTER

ITEM CODE	UKURAN
AT-AD1111	DG1-3



AIR WASHING GUN

ITEM CODE	UKURAN
AT-WG1112	500 cc



RECOIL HOSE

ITEM CODE	UKURAN
AT-RH1115	6 m (5x8 mm)
AT-RH1116	9 m (5x8 mm)
AT-RH1117	12 m (5x8 mm)
AT-RH1118	15 m (5x8 mm)
AT-RH1123	6 m (8x12 mm)
AT-RH1124	9 m (8x12 mm)
AT-RH1125	12 m (8x12 mm)



AIR DIE GRINDER

ITEM CODE	UKURAN
AT-AG1303	1/4"



AIR SCREWDRIVER

ITEM CODE	UKURAN
AT-AS1302	1/4"



AIR STAPLER - A1022J

ITEM CODE	UKURAN
AT-AS1130	11.2x10-30 mm



AIR NAILER - F30

ITEM CODE	UKURAN
AT-AN1129	1.05x1.25 mm



AIR RIVETER

ITEM CODE	UKURAN
AT-AR1131	



RECOIL HOSE KUNING

ITEM CODE	UKURAN
AT-RH1119	6 m
AT-RH1120	9 m
AT-RH1121	12 m
AT-RH1122	15 m



AIR IMPACT

SPEC	1/2"	3/4"
ITEM CODE	AT-AI1126	AT-AI1127
SPEED (RPM)	7000	4700
BOLT CAPACITY	3/4"	1"
SQUARE DRIVER	1/2"	3/4"
MAX TORQUE (LBS)	370	800
AIR PRESS. (PSI)	90	90
AIR INLET (NPT)	1/4"	1/4"
HOSE SIZE (DI)	3/8"	3/8"
AIR CONS. (CFM)	4	5
OVERALL LENGTH	7 9/16"	9 3/4"
QTY / DUS (BESAR)	6/24 pcs	6/24 pcs
PRICE	Rp 1,311	Rp 2,760



AIR BLOW GUN

ITEM CODE	UKURAN
AT-BG1113	4"
AT-BG1114	10"



AIR LUBRICATOR FOR GREASE POMPA GEMUK DRUM (COMPRESSOR)

ITEM CODE	UKURAN
AT-AL1128	20 L

HEX KEY SHORT KUNCI L (PENDEK)

ITEM CODE	UKURAN
HK-SH1133	1.5 mm
HK-SH1134	2 mm
HK-SH1135	2.5 mm
HK-SH1136	3 mm
HK-SH1137	3.5 mm
HK-SH1138	4 mm
HK-SH1139	4.5 mm
HK-SH1140	5 mm
HK-SH1141	5.5 mm
HK-SH1142	6 mm
HK-SH1143	6.5 mm
HK-SH1144	8 mm
HK-SH1145	10 mm
HK-SH1146	12 mm
HK-SH1147	14 mm
HK-SH1148	17 mm
HK-SH1149	19 mm



INCH

ITEM CODE	UKURAN
HK-SH1150	1/16"
HK-SH1151	5/64"
HK-SH1152	3/32"
HK-SH1153	1/8"
HK-SH1154	9/64"
HK-SH1155	5/32"
HK-SH1156	3/16"
HK-SH1157	7/32"
HK-SH1158	1/4"
HK-SH1159	5/16"
HK-SH1160	3/8"
HK-SH1396	15/32"
HK-SH1161	1/2"
HK-SH1162	9/16"
HK-SH1163	3/4"
HK-SH1397	21/32"

TOOLS

HEX KEY LONG

KUNCI L (PANJANG)

ITEM CODE	UKURAN
HK-LO1164	1.5 mm
HK-LO1165	2 mm
HK-LO1166	2.5 mm
HK-LO1167	3 mm
HK-LO1168	4 mm
HK-LO1169	5 mm
HK-LO1170	6 mm
HK-LO1171	8 mm
HK-LO1172	10 mm
HK-LO1173	12 mm
HK-LO1174	14 mm
HK-LO1175	17 mm
HK-LO1176	19 mm



INCH

ITEM CODE	UKURAN
HK-LO1177	1/16"
HK-LO1178	5/64"
HK-LO1179	3/32"
HK-LO1180	1/8"
HK-LO1182	5/32"
HK-LO1181	9/64"
HK-LO1183	3/16"
HK-LO1184	7/32"
HK-LO1185	1/4"
HK-LO1186	5/16"
HK-LO1187	3/8"
HK-LO1398	15/32"
HK-LO1188	1/2"
HK-LO1189	9/16"
HK-LO1190	3/4"
HK-LO1399	21/32"



T SHAPE HEX

KUNCI L MODEL T

ITEM CODE	UKURAN
HK-TS1191	T 2.5
HK-TS1192	T 3
HK-TS1193	T 4
HK-TS1194	T 5
HK-TS1195	T 6
HK-TS1196	T 8
HK-TS1197	T 10



BALL POINT HEX KEY SHORT SET 9 PCS

KUNCI L SET BALLPOINT 9 PCS PENDEK

ITEM CODE	UKURAN
HK-BP1203	2 - 10 mm



BALL POINT HEX KEY LONG SET 9 PCS

KUNCI L SET BALLPOINT 9 PCS PANJANG


ITEM CODE	UKURAN
HK-BP1204	1.5 - 10 mm



TORX KEY LONG SET 9 PCS

KUNCI L SET TORX 9 PCS

ITEM CODE	UKURAN
HK-TO1205	T10-T50

Tidak Berlubang 

TAMPER TORX KEY LONG SET 9 PCS

KUNCI L SET TAMPER TORX 9 PCS (LUBANG)

ITEM CODE	UKURAN
HK-TA1206	T10-T50

Berlubang 



HEX KEY ELECTRO SET 7 PCS

KUNCI L SET ELEKTRONIK 7 PCS

ITEM CODE	UKURAN
HK-EL1198	0.71 - 3 mm
HK-EL1199	0.028" - 7/64"



HEX KEY SHORT SET 8 PCS

KUNCI L SET PENDEK 8 PCS

ITEM CODE	UKURAN
HK-SS1202	2 - 10 mm



HEX KEY LONG SET 8 PCS

KUNCI L SET PANJANG 8 PCS

ITEM CODE	UKURAN
HK-LS1200	2 - 10 mm
HK-LS1201	5/64" - 3/8"



T-BAR HEX & BALLPOINT KEY 8 PCS

KUNCI L SET BALLPOINT

ITEM CODE	UKURAN
HK-TB1207	2mm - 10mm
HK-TB1208	5/64" - 3/8"



HEX KEY SET 9 PCS 120 DEGREE

KUNCI L SET 9 PCS 120 DERAJAT

ITEM CODE	UKURAN
HK-SD1209	1.5 - 10



HEX KEY SET 9 PCS STUBBY

KUNCI L SET 9 PCS STUBBY

ITEM CODE	UKURAN
HK-ST1210	1.5 - 10



STAR KEY SET 6 PCS

KUNCI L SET BINTANG 6 PCS

ITEM CODE	UKURAN
HK-ST1211	T25-T55

TOOLS



TORX KEY SET 6 PCS KUNCI SET BINTANG 6PCS (ECERAN)

UKURAN	Short	Long
T10	HK-TS1212	HK-TL1221
T15	HK-TS1213	HK-TL1222
T20	HK-TS1214	HK-TL1223
T25	HK-TS1215	HK-TL1224
T27	HK-TS1216	HK-TL1225
T30	HK-TS1217	HK-TL1226
T40	HK-TS1218	HK-TL1227
T45	HK-TS1219	HK-TL1228
T50	HK-TS1220	HK-TL1229

ITEM CODE
T-40
HK-AW1230



VALVE ADJUSTABLE WRENCH KUNCI KLEP MOTOR SET

UKURAN	CONTENT
T-40	7 pcs Valve Adjustable Wrench (+) 1 x 80 mm, (+) 2 x 100 mm (+) 3 x 150 mm, (-) 4 x 100 mm (-) 5.5 x 125 mm, (-) 6.5 x 150 mm (-) 8 x 150 mm



HAND RIVETER

ITEM CODE	UKURAN
GT-HR1231	2 - 10 mm



HAND RIVETER 360 DERAJAT HAND RIVETER 360 DEGREE

ITEM CODE	UKURAN
GT-HR1232	2 - 10 mm



BALL PEIN HAMMER PALU KONDE

ITEM CODE	UKURAN
GT-BM1233	8 OZ
GT-BM1234	16 OZ
GT-BM1235	24 OZ
GT-BM1236	32 OZ



CLAW HAMMER PALU KAMBING

ITEM CODE	UKURAN
GT-CH1237	8 OZ
GT-CH1238	12 OZ
GT-CH1239	16 OZ



DOUBLE PLASTIC HAMMER PALU PLASTIK

ITEM CODE	UKURAN
GT-PH1240	25 mm
GT-PH1241	30 mm
GT-PH1242	35 mm
GT-PH1243	40 mm
GT-PH1244	50 mm



BENCH VICE CATOK

ITEM CODE	UKURAN
GT-BV1245	3"
GT-BV1246	4"
GT-BV1247	5"
GT-BV1248	6"
GT-BV1249	8"



BENCH VICE ALL STEEL CATOK-BESI

ITEM CODE	UKURAN
GT-BV1250	3"
GT-BV1251	4"
GT-BV1252	5"
GT-BV1253	6"
GT-BV1254	8"
GT-BV1255	10"



LETTER PUNCH HURUF KETOK

ITEM CODE	UKURAN
GT-LP1256	1,5 mm
GT-LP1257	2 mm
GT-LP1258	2,5 mm
GT-LP1259	3 mm
GT-LP1260	4 mm
GT-LP1261	5 mm
GT-LP1262	6 mm
GT-LP1263	8 mm
GT-LP1264	10 mm
GT-LP1265	12 mm



NUMBER PUNCH NOMOR KETOK

ITEM CODE	UKURAN
GT-NP1266	1,5 mm
GT-NP1267	2 mm
GT-NP1268	2,5 mm
GT-NP1269	3 mm
GT-NP1270	4 mm
GT-NP1271	5 mm
GT-NP1272	6 mm
GT-NP1273	8 mm
GT-NP1274	10 mm
GT-NP1275	12 mm



SCRAPER

ITEM CODE	UKURAN
GT-SC1276	10 X 3 cm



6 PCS PUNCH & CHISEL SET PAHAT SET 6 PCS

ITEM CODE	CONTENT
GT-PC1277	1 pcs : Handle Punch & Chisel
	1 pcs : Cold Chisel 5/8"
	1 pcs : Cold Chisel 1/2"
	1 pcs : Solid Punch 3/16"
	1 pcs : Center Punch 3/8"
	1 pcs : Pin Punch 3/16"



7 PCS PUNCH & CHISEL SET PAHAT SET 7 PCS

ITEM CODE	CONTENT
GT-PC1278	7 pcs : Punch & Chisel
	5/8", 1/2", 3/8", 5/32", 7/32, 1/8", 3/16"



MEASUREMENT TAPE

ITEM CODE	UKURAN
GT-MT1279	3 M
GT-MT1280	5 M
GT-MT1281	7,5 M
GT-MT1404	10 M

TOOLS

PROFESSIONAL DIAGNOSTIC PRO3 SET X431
(Automotive Scanner For Passenger Car + Truck)



INJECTOR CLEANER & TEST GENERIC
CNC-602A



GAS ANALYZER GASBOARD 4020H
(alat Uji emisi kendaraan bensin)



WHEEL BALANCER BASIC LIBRAK334D
(wheel balancer entry level)



LIFT ELECTRIC 2 POST HYDRAULIC 304031236
(Control panel by electronic)



CLEAR 2 POST LIFT TLT245AT
304030812304



CADDY TOO SET



SARANA DAN PRASARANA



KURSI

- Konstruksi / Rangka Dengan Treatment
- Anti Karat
- Cat Powder Coating
- Rangka Holo Uk. 3x3
- Rangka untuk tatakan tangan Holo Uk. 2X2
- Papan Berlapis Dacosheet / Supercoon
- Tebal Papan Dudukan dan Sandaran Uk. 1,2 Cm
- Tebal Papan Tangan Uk. 1,8 Cm



MEJA KOMPUTER

- Konstruksi / Rangka Dengan Treatment
- Anti Karat
- Cat Powder Coating
- Tinggi Holo 76 Cm
- Panjang Holo 75,5 Cm
- Lebar Holo 55 Cm
- Ketebalan Papan 1,8 mm
- Panjang Papan 81 Cm
- Lebar Papan 61 Cm
- Tempat CPU di buat pengaman Rambang.
- Rangka Holo Uk. 3X3



PAPAN TULIS

Rangka terbuat dari rangka besi dengan ukuran menyesuaikan
Papan terbuat dari Papan Melamin



RAK BESI

Rangka terbuat dari bracket besi baja ringan atau menyesuaikan sesuai kebutuhan



PENGADAAN RUANGAN LABORATORIUM

Instalasi Gedung dan Kantor
Lab. Otomotif
Lab. Komputer
Lab. Multi Media
Lab. Mekatronika
Lab. Instalasi listrik & Jaringan



PENGADAAN PERLENGKAPAN LABORATORIUM

KOMPUTER (Built Up/Rakitan)

- Spesifikasi CPU sesuai Permintaan
- Speaker (Optional)
- LCD Monitor
- Keyboard dan Mouse

PRINTER

- Printer Inkjet
- Printer Laser
- Printer Thermal

LCD PROYEKTOR

- LCD Proyektor
- Screen Proyektor Tripod
- Screen Proyektor Dinding
- Brakcet LCD

UPS DAN STABILIZER

- Uninterruptible Power Supply
- Stabilizer Listrik

INSTALASI LISTRIK & JARINGAN

- Jasa Instalasi Listrik Gedung
- Perumahan, Sekolah, Kantor
- Jasa Instalasi Jaringan Gedung
- Perumahan, Sekolah, Kantor
- Dll.

SERVICE AND MAINTENANCE



SERVICE MOBIL



SERVICE AC



CV INTI SURYA MOTORINDO

Jalan Cijunjung Tengah No. 74 Cijunjung Sukaraja, Kab. Bogor 16716
0811-1087-666