



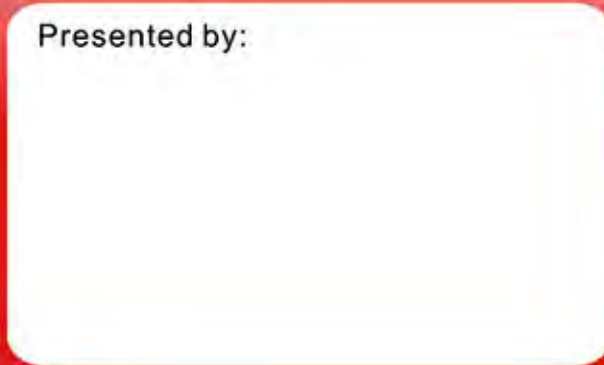
WOLF'S HEAD®

狼頭牌



SPECIAL TOOLS FOR PROFESSIONAL USERS

Presented by:



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ONE-STOP SOLUTION

SPECIAL TOOLS FOR PROFESSIONAL USERS

HIGH EFFICIENCY, LABOUR-SAVING COST EFFECTIVE.



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ISO 9001:2008















about us

Lih Yann Industrial Co.,LTD has been in the forefront of product development and manufacturing in Taiwan since 1974, providing a wide range of practical items and solutions for both auto services and hardware tool markets. Among its important achievements is the development of the world's first vacuum oil-extractor, which has revolutionized the process of oil exchange in both application efficiency and cost-effectiveness.

Dedicated to research and development, Lih Yann has over the years introduced numerous originally designed models of machines and equipment for auto maintenance and lubricating services, earning the company over 100 patents concerning both technical and functional aspects of various products. All its products have been tested and approved to meet the demand of times. Its product range covers oil-extracting equipment, hardware tools and other auto-related products.



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Syringe For Vehicle Fluid Change

FEATURE

- ▶ Transparent design to see fluid visually.
- ▶ Suitable for fluid suction and supply in vehicle service.
- ▶ Applications such as gear oil and differential fluid.
- ▶ Composite plastic resists to brake fluid and antifreeze.

Model	J1-1500	J1-200
Weight	0.9 kg	0.294 kg
Capacity	1.5 L	200 cc
Usage	Oil	brake fluid



PA-506 Vacuum Brake Fluid Bleeder

FEATURE

- ▶ Vacuum brake bleeder.
- ▶ 6 litre capacity.
- ▶ Uses standard workshop air supply.
- ▶ Removes fluid via bleed nipples to allow bleeding or entire fluid replacement.

Model	PA-506
Dimension	270x230x375 mm
Capacity	6L
Weight	2.9 kgs
Material	PC
Power	Air Vacuum

200039 - Connector for brake fluid suction
200024 - 10 mm gear oil 3/8in



GP-10A 10L Pneumatic Fluid Extractor

FEATURE

- ▶ Adopt durable polyethylene material.
- ▶ Venturi design with air power operated.
- ▶ Capacity:10L
- ▶ Maintenance free.
- ▶ Suction tubes included.
- ▶ For both oil and coolant.



Operation in laying position.

Model	GP-10A
Dimension	160x260x530 mm
Capacity	10 L
Weight	2.78 kg
Power Source	Manual



PA-603 6L Manual Oil Extractor

FEATURE

- ▶ By manual operation no air connection needed.
- ▶ Maintenance free.
- ▶ Ball type design suitable for small space operation.

Model	PA-603
Dimension	300 x280x530 mm
Capacity	6L
Weight	2.48 kg
Oil Disposition	Manual



T-9A Manual Fluid Dispenser

FEATURE

- ▶ Manual design for easy fluid dispensing
- ▶ Very useful in topping up fluid reservoir
- ▶ Fluid Control valve to shut off dispensing
- ▶ Pressure gauge installed.

Model	T-9A
Dimension	80x230 mm
Weight	2.37 kg
Capacity	9 L



PA-1011A Combo Fluid Extractor

FEATURE

- ▶ Uses both manual or air for operation.
- ▶ Venturi system design to provide excellent performance.
- ▶ Capacity:10L
- ▶ Maintenance free.

Model	PA-1011A
Dimension	265x215x600 mm
Capacity	9.50 L
Weight	4.8 kg
Oil Disposition	Manual or Air



For both manual and air operation →



WH-505J 3L Vacuum Brake Fluid Bleeder

FEATURE

- ▶ Vacuum brake bleeder.
- ▶ 3 litre capacity.
- ▶ Uses standard workshop air supply.
- ▶ Removes fluid via bleed nipples to allow bleeding or entire fluid replacement.

INCLUDE:
 WH-508D BRAKE FLUID SUPPLY BOTTLE 1L (Adjustable Nozzle)

Model	WH-505J
Material	PE
Capacity	3 L
Power	Air Vacuum
Weight	1420 g



WH-507 1L Vacuum Brake Fluid Bleeder

FEATURE

- ▶ Vacuum brake bleeder.
- ▶ 1 litre capacity.
- ▶ Uses standard workshop air supply.
- ▶ Removes fluid via bleed nipples to allow bleeding or entire fluid replacement.

Model	WH-507
Material	PE
Capacity	1L
Power	Air Vacuum
Weight	620 g



WH-507A Vacuum Brake Fluid Bleeder Set

FEATURE

- ▶ Vacuum brake bleeder complete with 2 new fluid supply bottles.
- ▶ 1 litre capacity.
- ▶ Uses standard workshop air supply.
- ▶ Removes fluid via bleed nipples to allow bleeding or entire fluid replacement.

INCLUDE:
 WH-508D BRAKE FLUID SUPPLY BOTTLE 1L (Adjustable Nozzle)

WH-508DA BRAKE FLUID SUPPLY BOTTLE 1L (Fix Nozzle)

Model	WH-507A
Material	PE
Capacity	1L
Power	Air Vacuum
Weight	1200 g



WH-507B Universal Vacuum Brake Fluid Bleeder Set

FEATURE

- ▶ Vacuum brake bleeder complete with new fluid supply bottle.
- ▶ New fluid bottle adaptor set for different master cylinder designs.
- ▶ 1 litre capacity.
- ▶ Uses standard workshop air supply.
- ▶ Unique rubber joint for fluid extraction (avoids leaks).
- ▶ Removes fluid via bleed nipples to allow bleeding or entire fluid replacement.

Model	WH-507B
Material	PE
Capacity	1L
Power	Air Vacuum
Weight	820 g



WH-505H Manual Brake Fluid Bleeder

FEATURE

- ▶ Standard with adaptor for European cars.
- ▶ 3 Litre capacity.
- ▶ Optional universal adaptor.

Model	WH-505H
Dimension	170x190x420 m/m
Capacity	2.50 L
Weight	1140 g
Material	PE
Power	Manual



WH-505CA Master Cylinder Adaptor Kit

-Work with WH-505H

FEATURE

- ▶ Suitable for use with most pressure brake bleeders.
- ▶ Includes European cap adaptor, multi vehicle caps, American adaptor (GM), BMW/Audi, Nissan, Mazda & Honda.
- ▶ This new kit contains master cylinder adapters which cover domestic and import vehicles. It contains many universal adapters and manufacturer specific caps. An adaptor is also available to use with traditional pressure bleeders. Adapters fit 90% of current master cylinder reservoirs and come in a custom molded case.



PS-160
Brake Line Scraper

- FEATURE**
- ▶ To remove dirt or corrosion on the brake line surface.
 - ▶ Three areas to perform job easily.
 - ▶ Composite plastic design won't damage the tube.



Model	PS-160
Dimension	160x14x6 mm
Weight	100 g

1L Underseal Gun

- ▶ Connect the gun to the compressed air line system.
- ▶ When the handle is activated, the air flow sucks the paint up out of the container with an ejective effect.
- ▶ The gun is supplied with an adjustable nozzle, which can be set for thick or thin fluids.
- ▶ The nozzle can be replaced with an extension probe, which is well-suited for spraying thin fluids in cavities, panels and doors.
- ▶ Extension probe is optional.

Model	WH-507F	WH-507J
Material	PE	PE
Capacity	1L	
Power	Air	AIR
Weight	600 g	210 g

WH-507F-11 (optional accessory)
Underseal Probe

Model	WH-507F-11
Weight	40 g



204137
Brake fluid receiving bottle
– with check valve design

- FEATURE**
- ▶ brake nipple to fit on all bleeding point.
 - ▶ check valve design to prevent air into the system.



Model	204137
Dimension	76x52x190 mm
Weight	0.28 kg
Capacity	0.6L
Material	HDPE

WH-507F



WH-507J



WH-507F-12
Extension Probe



AF-2A **Portable Cleaning Foam Sprayer**

Model	AF-2A
Dimension	480x190x290 mm
Capacity	1.9L
Weight	980 g
Material	HDPE

TW PAT:M,362,300



WH-507D
1L Flexible Spray Cleaning Gun

- FEATURE**
- ▶ Carry holder.
 - ▶ Lance with adjustable nozzle with cone.
 - ▶ Capacity: 1L
 - ▶ PE tank and tube with adjustable spray / jet nozzle.
 - ▶ Suitable for applying degreasant and cleaning agents.



WH-507C
1L Spray Cleaning Gun



Model	WH-507D	WH-507C
Material	PE	PE
Capacity	1L	1L
Power	AIR	AIR
Weight	620 g	820 g

WH-507G **1L Brake Bleeder & Fluid Extractor**

- FEATURE**
- ▶ Unique design for both fluid extraction & brake bleeding.
 - ▶ 1 litre capacity.
 - ▶ Uses standard workshop air supply.

Model	WH-507G
Material	PE
Capacity	1L
Power	Air Vacuum
Weight	650 g



brake switch to bleeding nipple

WH-507H 1L Fluid Extractor

FEATURE

- ▶ For fluid extraction operation.
- ▶ 1 litre capacity.
- ▶ Uses standard workshop air supply.

Model	WH-507H
Material	PE
Capacity	1L
Power	Air Vacuum
Weight	620 g



WH-507M 1L Vacuum Brake Fluid Bleeder For Motorcycle

FEATURE

- ▶ Vacuum brake bleeder complete with motorcycle attachment.
- ▶ 1 litre capacity.
- ▶ Uses standard workshop air supply.
- ▶ Removes fluid via bleed nipples to allow bleeding or entire fluid replacement.

connector for single wheel bleeding



1L Sandblasting Gun

FEATURE

- ▶ Connect the gun to the compressed air line system.
- ▶ When the handle is activated, the air flow sucks the sand up out of the container with an ejective effect.
- ▶ The adjustable nozzle assures that the amount of sand can be regulated as required.
- ▶ The sandblasting gun is used to remove rust, old paint and rooted dirt etc.

Model	WH-507E	WH-507I	WH-507K
Material	PE	PE	PE
Capacity	1L	1L	PE
Power	AIR	AIR	Air Vacuum
Weight	700 g	480 g	1300 g



WH-507E



WH-507I



WH-507K

WH-700ML Mobile Parts Washer With Dispensing Nozzle

FEATURE

- ▶ The system will increase your working efficiency with its unique design.
- ▶ Large filter installed.
- ▶ Easy to bring to work place.
- ▶ Plastic material provide best resistance to water based solvent.
- ▶ Nozzle design.
- ▶ With power switch.

Model	WH-700ML
Dimension	750x527x231 mm
Voltage	110V / 220V
Weight	9 kg
Capacity	20 L



WH-700MI Mobile Parts Washer With Cleaning Brush

FEATURE

- ▶ The system will increase your working efficiency in its unique design.
- ▶ Large filter installed.
- ▶ Easy to bring to work place.
- ▶ Plastic material provide best resistance to water based solvent.
- ▶ With power switch.
- ▶ Brush design.

Model	WH-700MI
Dimension	750x527x231 mm
Voltage	110V / 220V
Weight	9 kg
Capacity	20 L



WH-700MS Mobile Parts Washer With Cleaning Brush

FEATURE

- ▶ The system will increase your working efficiency with its unique design.
- ▶ Large filter installed.
- ▶ With power switch.
- ▶ Easy to bring to work place.
- ▶ Plastic material provide best resistance to water based solvent.
- ▶ Brush design.

Model	WH-700MS
Dimension	460x660x260 mm
Voltage	110V / 220V
Weight	5 kg
Capacity	9 L



RT-919C Radiator Pressure Tester Kit

FEATURE

- ▶ Pressure tester to check leakage of radiator.
- ▶ Multi adaptors included which apply for most car models in the market.
- ▶ 0-35 psi, colour-coded gauge, pressure release valve, plastic carrying case.
- ▶ Comprehensive operating instruction enclosed.

Model	RT-919C
Dimension	430x330x100 mm
Weight	3.1 kg
Quantity	20 Pcs

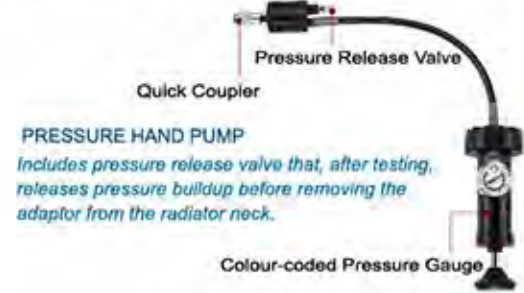


Pressure testing by hand pump



RT-919S Radiator Pressure Tester Kit

Model	RT-919S
Dimension	430x330x100 mm
Weight	3 kg
Quantity	20 Pcs



PRESSURE HAND PUMP
Includes pressure release valve that, after testing, releases pressure buildup before removing the adaptor from the radiator neck.



Adaptor list for RT-919S

(00) BLACK MERCEDES BENZ	NO. 02 BLUE Audi (after 2000)	NO. 03 YELLOW OPEL,VW,FORD	NO. 04 RED B.M.W	NO. 05 ORANGE B.M.W	NO. 06 BLACK Audi,CITROEN, RENAULT,FIAT,PEUGEOT
NO. 07 BLACK VOLVO,VW(before 2000)	NO. 08 BLACK Adjustable Stationary Seat	NO. 09 BLACK 50m/m universal connector with No.8 adjustable stationary seat. (Japanese car series,European car series)	NO. 10 BLACK 35m/m universal connector with No.8 adjustable stationary seat. (Japanese car series,European car series)	NO. 11 BLACK 27m/m universal connector with No.8 adjustable stationary seat. (Japanese car series,European car series)	NO. 12 BLACK Coordinate No.8 with No.9-11
NO. 13 BLACK Suitable for the series car of radiator's upper cap use.	NO. 14 Stainless fastener	NO. 15 BLACK HONDA,TOYOTA	NO. 16 BLACK MITSUBISHI,FORD, NISSAN,MAZDA	NO. 17 (040) BLACK FORD	NO. 18 (042) BLACK FORD
NO. 19 BLACK MERCEDES BENZ	NO. 20 GREEN FORD	NO. 21 BLACK GM,FORD	NO. 22 BLACK G.M , OPEL	NO. 23 YELLOW BMW E-60	NO. 24 BLUE FORD(after 2010)
NO. 25 (045) PREVIA, TOYOTA RAV4					

Optional Adaptors For Radiator Testing

NO. 21 BLACK GM,FORD	NO. 22 BLACK G.M , OPEL	NO. 23 YELLOW BMW E-60	NO. 24 BLUE FORD(after 2010)	NO. 25 (045) PREVIA, TOYOTA RAV4
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RT-919W Heavy Truck Radiator Tester

FEATURE

- ▶ For most truck radiators include: DAF / Iveco / MAN / Mercedes / Renault / Scania / Volvo/Fuso/Hino.
- ▶ Metal sturdy design to ensure long lasting usage.

Model	RT-919W
Dimension	385x85x300 mm
Weight	3.11 kg
Quantity	7 Pcs



RT-919MD Universal Radiator Tester with Expandable Adaptors

FEATURE

- ▶ Universal design to fit on most radiator neck.
- ▶ No need for additional costly adaptors.
- ▶ Metal sturdy design to ensure long lasting usage.

Model	RT-919MD
Dimension	385x85x300 mm
Weight	2.16 kg
Quantity	6 Pcs



RT-919LB Radiator Pressure Test Kit with Coolant Refiller

FEATURE

- ▶ Pressure tester to check leakage of radiator.
- ▶ Multi adaptors included which apply for most car models in the market.
- ▶ 0-35 psi, colour-coded gauge, pressure release valve, plastic carrying case.
- ▶ Comprehensive operating instruction enclosed.

Include Airvac Coolant Refiller

Model	RT-919LB
Dimension	514x459x453 mm
Weight	5.87 kg



RT-919AD Radiator Pressure Tester Kit

FEATURE

- ▶ Pressure tester to check leakage of radiator.
- ▶ Multi adaptors included which apply for most car models in the market.
- ▶ 0-35 psi, colour-coded gauge, pressure release valve, plastic carrying case.
- ▶ Comprehensive operating instruction enclosed.

Model	RT-919AD
Dimension	385x290x102 m/m
Weight	2.94 kg
Quantity	16 Pcs



Pressure testing by hand pump



RT-919J Radiator Cap Pressure Test Kit

FEATURE

- ▶ Pressure tester to check the gasket of radiator cap.
- ▶ Instantly detect leakage of cooling system.
- ▶ Multi adaptors included which apply for most car models in the market.
- ▶ Hand pump with colour coded gauge.
- ▶ Comprehensive operating instruction enclosed.
- ▶ 0-35 psi, color-coded gauge, pressure release valve, & plastic carrying case.



Pressure testing by hand pump



RT-919F Universal Radiator Pressure Test Kit

FEATURE

- ▶ The adapter's expandable rubber body allows user to connect to most automotive Cooling Systems without the need for additional costly adapters.
- ▶ User can perform pressure testing and cooling system diagnostics simultaneously.
- ▶ 0-35 psi, color-coded gauge, and pressure release valve, plastic carrying case.
- ▶ Comprehensive operating instruction enclosed.



WH-801A	WH-801B	WH-801C	WH-801D
17~24mm	28~31.5mm	37~39.5mm	47~48.5mm



Pressure testing by hand pump

Model	RT-919F
Dimension	400x380x90 m/m
Weight	3.0 kg
Quantity	5 Pcs



RT-919H Airvac Coolant Refiller

FEATURE

- ▶ Purge trapped air from cooling system to eliminate the possibility of engine damage due to overheating.
- ▶ Performs vacuum leak test on cooling system.
- ▶ Refills cooling system free of trapped air quickly, efficiently and with no mess.
- ▶ Universal rubber body plus four additional bushings covers most vehicle radiators.
- ▶ Muffler dampens noise output during operation.

Model	RT-919H
Dimension	320x180x130 m/m
Weight	1.86 kg
Quantity	8 Pcs



Operating demonstration



RT-919HA Airvac Coolant Refiller

FEATURE

- ▶ Purge trapped air from cooling system to eliminate the possibility of engine damage due to overheating.
- ▶ Performs vacuum leak test on cooling system.
- ▶ Refills cooling system free of trapped air quickly, efficiently and with no mess.
- ▶ Universal rubber body plus four additional bushings covers most vehicle radiators.
- ▶ Muffler dampens noise output during operation.

Model	RT-919HA
Dimension	135x103x153 m/m
Weight	0.87 kg
Quantity	7 pcs



RT-919HB Airvac Coolant Refiller

FEATURE

- ▶ Purge trapped air from cooling system to eliminate the possibility of engine damage due to overheating.
- ▶ Performs vacuum leak test on cooling system.
- ▶ Refills cooling system free of trapped air quickly, efficiently and with no mess.
- ▶ Universal rubber body plus four additional bushings covers most vehicle radiators.
- ▶ Muffler dampens noise output during operation.

Model	RT-919HB
Dimension	135x103x230 m/m
Weight	1.6 kg
Quantity	6 pcs



RT-9191 Airvac Coolant Refiller

FEATURE

- ▶ Purge trapped air from cooling system to eliminate the possibility of engine damage due to overheating.
- ▶ Performs vacuum leak test on cooling system.
- ▶ Refills cooling system free of trapped air quickly, efficiently and with no mess.
- ▶ Universal rubber body plus four additional bushings covers most vehicle radiators.
- ▶ Muffler dampens noise output during operation.

Model	RT-9191
Dimension	135x103x138 m/m
Weight	0.63 kg
Quantity	3 pcs



Coolant Filling Set

FEATURE

- ▶ Quick and easy way to refill coolant during cooling system bleeding process.
- ▶ Quick, efficient and no mess.



Filling process

RT-919K



K-050
Japanese Vehicles
American Vehicles



K-041
MITSUBISHI, FORD,
NISSAN, MAZDA



K-043
HONDA
TOYOTA



RT-919K2



HYUNDAI, KIA,
DAEWOO
FOR KOREAN MODELS



Model	RT-919K	RT-919K2
Dimension	160x160x260 m/m	160x160x260 m/m
Weight	450 g	500 g
Quantity	4 Pcs	3 Pcs

RT-919K1 Universal Coolant Filling Set

FEATURE

- ▶ Quick and easy way to refill coolant during cooling system bleeding process.
- ▶ Quick, efficient and no mess.

Model	RT-919K1
Dimension	160x160x260 m/m
Weight	680 g
Quantity	8 Pcs



WH-8560 Low Profile Coolant/Antifreeze Receiver

FEATURE

- ▶ Designed for waste fluid receiving during repairing jobs.
- ▶ Very low profile which can slide under passenger car easily.
- ▶ With covered splash net to prevent spillage and splash.
- ▶ One piece polyethylene plastic can be used for antifreeze.
- ▶ Very suitable for cooling system repairing job.
- ★ Only 125mm high. (include casters).
- ★ Polyethylene material.
- ★ Strong construction for heavy duty use.
- ★ 4 casters installed provide best maneuverability.



Model	WH-8560
Dimension	850x600x125 mm
Capacity	20L
Weight	4kg



Line Clamp Triple Pack Pat.M214221

- ▶ Smooth rounded jaw edges prevent damage to internal hose reinforcement.
- ▶ Quick and simple one-hand use

WH-737S ▶ Material:Aluminum



Size	Large	Medium	Small
Size range	22mm-60mm	22mm-42mm	11mm-19mm
Size	63m/m	29m/m	18m/m



Adjustable screw

WH-737 ▶ Material:PA



Size	Large	Medium	Small
Size range	22mm-60mm	22mm-42mm	11mm-19mm
Size	63m/m	29m/m	18m/m



WH-737L ▶ Material:Aluminum

Size range:18mm-31mm



Model	WH-737S	WH-737	WH-737L
Dimension	350x112x75m/m	350x112x75m/m	185x85x35 m/m
Weight	500 g	270 g	170 g
Quantity	3 Pcs	3 Pcs	1 Pcs

SC-414 Portable Refractometer

- ▶ This portable refractometer is a precision instrument designed to measure engine coolant, battery acid and windscreen washer fluid.
- ▶ Remember to use the appropriate scale when measuring the above fluids.

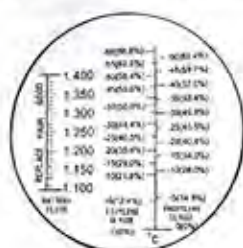
Model	SC-414
Dimension	75x210x52 mm
Weight	350 g
Quantity	5 Pcs



SC-414A Portable Refractometer

- ▶ This portable refractometer is a precision instrument designed to measure engine coolant, battery acid and windscreen washer fluid.
- ▶ Remember to use the appropriate scale when measuring the above fluids.

Model	SC-414A
Dimension	75x210x52 mm
Weight	350 g
Quantity	5 Pcs



ST0002 Antifreeze Tester-Dial Type

- ▶ Tests ethylene glycol strength and includes temperature adjustment scale for accurate interpretation of mixture strength.
- ▶ Composite body and rubber bulb for workshop durability.

Model	ST0002
Dimension	200x90x18 mm
Weight	79 g



VS-1000 Videoscope with 3.5" screen

- ▶ Videoscope for viewing, photograph and video taping
- ▶ 3.5" TFT screen
- ▶ Standard SD card
- ▶ Video output
- ▶ Rechargeable battery
- ▶ Include 5.5 mm semi-rigid probe (IP67)
- ▶ Optional probes available

Model	VS-1000
Dimension	123x185x72 mm
Weight	770 g



K-10A Transmission Filling System

- ▶ Manual operated pump to fill seal transmission system
- ▶ Standard and optional adaptors cover all CVT and DSG design
- ▶ Pump stroke to minimize leakage when reaching overflow point
- ▶ Fluid control valve to shut off dispensing immediately
- ▶ Large transparent tank to see through fluid level

Model	K-10A
Dimension	260x370x595 mm
Capacity	7.5 L
Weight	3.44 kg



Include WH-320D



K-10A-2 Transmission Filling System

- ▶ Manual operated pump to fill seal transmission system
- ▶ Standard and optional adaptors cover all CVT and DSG design
- ▶ Pump stroke to minimize leakage when reaching overflow point
- ▶ Fluid control valve to shut off dispensing immediately
- ▶ Large transparent tank to see through fluid level

Model	K-10A-2
Dimension	260x370x595 mm
Capacity	7.5 L
Weight	3.44 kg



Include WH-320DG



WH-9004E1 Drain Pan with Level Scale

- ▶ Transparent design to see through the draining volume
- ▶ Very useful in transmission fluid change
- ▶ Check drain old fluid volume before filling new fluid to prevent waste

Model	WH-9004E1
Dimension	350x320x110 mm
Weight	210 g



Attachment specification for K-10A / K-10A-2

AT-101 FORD 1/8 NPT



AT-102 Universal (BMW, HONDA, NISSAN, etc.)



AT-103 VW/AUDI



AT-104 VW/AUDI, PORSCHE



AT-105 VW/AUDI, MINI COOPER 10x1.0



AT-106 MERCEDES 722.9 12x1.5



AT-107 DSG 24x1.5



AT-108 VW/AUDI CVT 22x1.5



AT-109 VOLVO 5/16x24 (Optional)



AT-110 TOYOTA/LEXUS 18x1.5 (Optional)



AT-111 SKODA 30x1.5 (Optional)



AT-112 VW/Passat and Tiguan after 2007 (Optional)



AT-113 Infiniti 7 speed M8x1.0 (Optional)



225020 (Optional)
For spare fluid



WH-320G (Optional) for K-10A
include(AT-106、
AT-107、AT-108)



WH-320HA (Optional) for K-10A
include(AT-101~AT-112)

K-10B Engine Prelube System

FEATURE

- ▶ Ensures oil is present to internal engine components on the first start of a new or rebuilt engine, or after major engine work is performed.
- ▶ Required to prime the oil pump and fill the oil galleries and internal engine components with clean, new oil.
- ▶ Connects to engine oil system at the oil pressure sensor on a variety of domestic and import engines.
- ▶ Oil pressure sensor adapters included.

Model	K-10B
Dimension	260x370x595 m/m
Capacity	7.5 L
Weight	3.44 Kg



Including engine adaptors



WH-312C Oil Filter Cutting System

FEATURE

- ▶ Roller bearing provide smooth rolling action.
- ▶ Hardened hardware throughout.
- ▶ No parts or adaptors to change.
- ▶ Separate steel housing & paper filter for best environment protection.

Model	WH-312C
Dimension	575 x330x210 m/m
Weight	7.79 kg



WH-198 Oil Quality Comparator

FEATURE

- ▶ The accessory provides the ability to examine oil quality visually.

Model	WH-198
Dimension	310x215x65 mm
Weight	1 kg



WH-293 Aluminum Oil Filter Cap Wrench Set

FEATURE

- ▶ Material: Aluminum.
- ▶ For light vehicle.
- ▶ Light weight.
- ▶ Durable.

Model	WH-293
Weight	5.3 Kg
Dimension	460x240x900 m/m
Quantity	24 pcs

TYPE	SIZE m/m	POINT	TYPE	SIZE m/m	POINT
WH-901	SW64m/m	P-14	WH-907	SW89m/m	P-15
WH-902	SW67m/m	P-14	WH-908	SW91m/m	P-15
WH-903	SW74m/m	P-14	WH-909	SW92m/m	P-15
WH-903-1	SW75m/m	P-15	WH-910	SW95m/m	P-15
WH-903-2	SW74m/m	P-8	WH-910-1	SW91m/m	P-12
WH-903-3	SW74m/m	P-15	WH-911	SW76m/m	P-12
WH-903-4	SW73m/m	P-14	WH-911-1	SW78.5m/m	P-15
WH-903-5	SW73m/m	P-30	WH-912	SW86m/m	P-14
WH-904	SW78.5m/m	P-15	WH-913	SW91m/m	P-15
WH-905	SW73m/m	P-15	WH-914	SW101m/m	P-15
WH-906	SW84m/m	P-18			

□ 1/2" ⬡ 27m/m



WH-295 Truck Oil Filter Cap Wrench Set

FEATURE

- ▶ Material: Aluminum.
- ▶ For heavy vehicle.

Model	WH-991	WH-992	WH-993	WH-994	WH-995	WH-996
Size (m/m)	100.5	106	106	108	110	118
Point	P-15	P-15	P-16	P-16	P-17	P-16



Model	WH-295
Dimension	640x460x1070 m/m
Weight	3.5 kg



WH-298 Strap Oil Filter Cap Wrench

- ▶ Sturdy non slip nylon strap.
- ▶ Penetration design EASY TO USE.

Model	WH-298
Dimension	150x45x45 m/m
Weight	300 g



WH-917 Oil Filter Claw Wrench



Model	WH-917
Weight	200 g
Dimension	90x90x55 m/m

WH-2910 Aluminum Cap Wrench For Cartridge Type Oil Filter

FEATURE

- ▶ Aluminum cap wrench to remove cartridge type oil filter commonly used in Opel/Vauxhall, Mercedes, BMW and VAG. USE 1/2" drive wrench.
- ▶ Optional adaptor converts 1/2" to 3/8".



Size: 32.5mm/36mm/38mm
24mm/27mm/30mm

WH-2910 Application Chart

TYPE	SIZE	SUITABLE FOR MOTORCAR
3A002101	24mm	BMW 2004 and newer 5, 7 series and X5 with V8 motor (N62) Saturn 2008 Astra with 1.8L eco-tec Chrysler 2011 after with 3.6L V6 engine, 200, 300 and T/C Dodge Jeep
3A002102	27mm	Mercedes A class
3A002103	30mm	Audi A2 VW Polo, Lupo with 1.4L or 1.6L engine
3A002104	32.5mm	Opel Astra G, Corsa B, Zafira; Audi; VW
3A002105	36mm	Opel Omega, Vectra B, Zafira (98 on); BMW M43/60 Mercedes Vito CDI, C and E class VW Lupo 1.2 TDI Man
3A002106	38mm	Opel Vectra 2.0D



WH-292A Oil Filter Cap Wrench Set For US MARKET

FEATURE

- ▶ Material: Aluminum.
- ▶ For light vehicle.
- ▶ Light weight.
- ▶ Durable.

□ 1/2" ⬡ 27m/m

Model	WH-292A
Weight	5.2 Kg
Quantity	5 pcs

TYPE	SIZE m/m	POINT	SUITABLE FOR MOTORCAR
WH-901	SW64m/m	P-14	TOYOTA, NISSAN
WH-902	SW67m/m	P-14	FORD, MAZDA
WH-903	SW74m/m	P-14	B.M.W, AUDI, V.W., OPEL, AUSTIN
WH-904	SW78.5m/m	P-15	NISSAN, DAIHATSU, FORD
WH-907	SW89m/m	P-15	HONDA, MITSUBISHI
WH-914	SW101m/m	P-15	DAIHATSU, MAZDA, MITSUBISHI, TOYOTA
WH-914WL	SW99m/m	P-15	MITSUBISHI, CANTER



Oil Filter Cap Wrench

 WH-901-1 SUITABLE FOR TOYOTA Size: SW 63 - 64m/m Point: P-14	 WH-903B SUITABLE FOR MERCEDES-BENZ Size: SW 74m/m Point: P-14/depth: 23mm	 WH-903C SUITABLE FOR SMART Size: SW 73.5m/m Point: P-12/depth: 23mm	 WH-903L SUITABLE FOR MERCEDES-BENZ Size: SW 74m/m Point: P-14/depth: 32mm	 WH-915 SUITABLE FOR VOLVO Size: SW 87m/m Point: P-16	 WH-915-1 SUITABLE FOR E-46 BMW 3 SERIES Size: SW 86.6m/m Point: P-16
 WH-916 SUITABLE FOR BMW 7 SERIES Size: SW 93m/m Point: P-14	 WH-916-1 SUITABLE FOR BMW E-39 Size: SW 94.5m/m Point: P-14	 WH-903-7 SUITABLE FOR TOYOTA Size: SW 72.8m/m Point: P-14	 WH-903-8 SUITABLE FOR MAZDA, FORD Size: SW 75m/m Point: P-15	 ST-106 SUITABLE FOR RENAULT Size: SW 106.4-107m/m Point: P-15	 ST-109 SUITABLE FOR MITSUBISHI CANTER Size: SW 117m/m Point: P-8
 WH-993-1 SUITABLE FOR HINO Size: SW 107m/m Point: P-16	 WH-901L SUITABLE FOR LEXUS/TOYOTA Size: SW 64.5 m/m Point: P-14	 WH-901T SUITABLE FOR TOYOTA Size: SW 64.5 m/m Point: P-14	 WH-1284 2007 DODGER SPRINTER 2007 MERCEDES-BENZ E320 2007 JEEP CHEROKEE WITH 3.0L V6 COMMON RAIL DIESEL ENGINES Size: SW 84m/m Point: P-14		

WH-299 Aluminum Oil Filter Cap Wrench Set

□ 3/8" ⬡ 24m/m

TYPE	SIZE m/m	POINT	SUITABLE FOR MOTORCAR
WH-0563	SW63m/m	P-14	SUZUKI,HONDA,NISSAN
WH-0564	SW64m/m	P-14	SUZUKI,DAIHATSU,TOYOTA SUBARU,MAZDA
WH-0567	SW66.5m/m	P-14	TOYOTA,NISSAN,MITSUBISHI SUBARU,MAZDA,DAIHATSU
WH-0573	SW72.5m/m	P-14	TOYOTA
WH-0574	SW74m/m	P-14	MAZDA,BENZ,AUDI,OPEL
WH-0579	SW79m/m	P-15	TOYOTA,HONDA,MITSUBISHI SUBARU,MAZDA,ISUZU
WH-0580	SW79.5m/m	P-15	NISSAN,HONDA,SUBARU,MAZDA
WH-0580-1	SW81.5m/m	P-15	HYUNDAI
WH-0589	SW89m/m	P-15	ISUZU , MAZDA
WH-0592	SW92m/m	P-15	NISSAN,SUBARU
WH-0595	SW94.5m/m	P-15	NISSAN,TOYOTA
WH-0599	SW99m/m	P-15	DAIHATSU,TOYOTA
WH-05101	SW100.5m/m	P-15	MAZDA,MITSUBISHI



Model	WH-299
Weight	3.5 Kg
Dimension	520x350x130 m/m
Quantity	15 pcs

WH-2919 Oil Filter Cap Wrench Set -For Cartridge Type Filter

TYPE	SIZE m/m	POINT	SUITABLE FOR MOTORCAR
WH-915	SW 87mm	P-16	VOLVO
WH-901-1	SW 63-64mm	P-14	TOYOTA
WH-903B	SW 74mm	P-14	MERCEDES-BENZ
WH-901L	SW 64.5mm	P-14	LEXUS
WH-901T	SW 64.5mm	P-14	TOYOTA
WH-1284	SW 84mm	P-14	2007 DODGER SPRINTER 2007 MERCEDES-BENZ E320 2007 JEEP CHEROKEE WITH 3.0L V6 COMMON RAIL DIESEL ENGINES
WH-902	SW 67mm	P-14	FORD,MAZDA
WH-0579	SW 79mm	P-15	TOYOTA,HONDA,MITSUBISHI SUBARU,MAZDA,ISUZU
WH-0592	SW 92mm	P-15	NISSAN,SUBARU
WH-0595	SW 94.5mm	P-15	NISSAN,TOYOTA
WH-05101	SW 100.5mm	P-15	MAZDA,MITSUBISHI



Model	WH-2919
Weight	4.04 Kg
Dimension	460x490x65 m/m
Quantity	19 pcs

TYPE	SIZE	SUITABLE FOR MOTORCAR
3A002101	24mm	BMW 2004 and newer 5, 7 series and X5 with V8 motor (M62) Saturn 2008 Astra with 1.8L eco-tec Chrysler 2011 after with 3.6L V6 engine, 200, 300 and T/C Dodge Jeep
3A002102	27mm	Mercedes A class
3A002103	30mm	Audi A2 VW Polo, Lupo with 1.4L or 1.6L engine
3A002104	32,5mm	Opel Astra G, Corsa B, Zafira; Audi; VW
3A002105	36mm	Opel Omega, Vectra B, Zafira (98 on); BMW M43/60 Mercedes Vito CDI, C and E class VW Lupo 1.2 TDi Man
3A002106	38mm	Opel Vectra 2.0D

Oil Release Hose For Cartridge Type Oil Filter

WH-930

FEATURE

- ▶ Suitable for VW/Audi TFSI and GTI system.
- ▶ No spillage of oil while removing the filter housing.
- ▶ Works with WH-2910 aluminum cap wrench set.



Model	WH-930	WH-930L
Weight	0.141 kgs	0.048 kgs

WH-930L

FEATURE

- ▶ Suitable for TOYOTA/LEXUS system.
- ▶ No spillage of oil while removing the filter housing.
- ▶ Works with WH-901L aluminum cap wrench set.



WH-931 1L Swivel Oil Release Bottle For Cartridge Type Oil Filter

FEATURE

- ▶ Suitable for VW / Audi TFSI and GTI system.
- ▶ Release waste oil remaining in oil filter housing before changing the cartridge.
- ▶ No spillage of oil while removing the filter housing.
- ▶ Swivel adaptor design at the connecting side to the oil filter.
- ▶ The waste oil will be storage in the 1L bottle.
- ▶ Works with WH-2910 Aluminum Cap Wrench set.

Model	WH-931
Dimension	330x115x115 m/m
Weight	0.322 kgs



CARTRIDGE FILTER CHANGE SET FOR TOYOTA / LEXUS

WH-901LA

FEATURE

- ▶ Suitable for TOYOTA/LEXUS system.
- ▶ No spillage of oil while removing the filter housing.
- ▶ Works with WH-901L aluminum cap wrench set.



FOR VW / AUDI WH-2910V

FEATURE

- ▶ Suitable for VW/Audi TFSI and GTI system.
- ▶ No spillage of oil while removing the filter housing.
- ▶ Works with WH-2910 aluminum cap wrench set.



Model	WH-901LA	WH-2910V
Dimension	250x146x80 m/m	245x148x73 m/m
Weight	0.360 kg	0.335 kg

EC-900J Deluxe Injection Cleaning / Testing Set -by Fuel Rail

FEATURE

- ▶ Quick coupler connections.
- ▶ Complete set of adapters / fittings.
- ▶ Carbon cleaning function included.
- ▶ Complete tools to remove fuel line.
- ▶ Large pressure gauge.

Model	EC-900J
Dimension	435x390x115 mm
Weight	6.32 kg



EC-900DL Super Fuel Injection Testing Kit

FEATURE

- ▶ Quick coupler connections
- ▶ Complete set of adapters / fittings
- ▶ Special designed storage case

Model	EC-900DL
Dimension	435x390x115 mm
Weight	4.2 kg

Optional Adaptor
For EC-900J and EC-900DL



WH-737A Metal Line Stopper (12pcs)

FEATURE

- ▶ To plug the metal line and prevent fluid leakage in disconnection.
- ▶ Used in fuel lines, brake line, power steering and transmission cooler lines.
- ▶ Suitable for banjo fittings.
- ▶ Rubber insert accessory for quick plug.

Model	WH-737A
Dimension	350x112x75 mm
Weight	270 g
Material	PA



EC-900M Carbon Cleaning Set For Manifold and Injector

Model	EC-900M
Dimension	380x100x390 mm
Weight	21.1 kg
Power	Air operated
Capacity	1000 ml / bottle

Comes with EC-900DL and EC-900G1



Carbon Cleaning Canister For Manifold & Throttle

Note: EG-900G1 may combine with EC-900J for manifold & throttle cleaning.

Accessories for EC-900G

Model	EC-900G	EC-900K
Dimension	340x215x130 mm	63x63x255 mm
Weight	1.44 kg	500 g
Power	Air operated	Air operated
Capacity	1000 ml	560 ml



220028
Spray Nozzle
With Fix-Lock Feature



EC-900G1
S Spray Nozzle



EC-900G3
Y Type Spray Nozzle



EC-900K

Fuel & Air Conditioning Hose Disconnect Set

- ▶ Releases the fuel line locking, quick connect coupler release.
- ▶ Die cast tools suitable for press type quick disconnection joints found on Ford, GM (Vauxhall/Opel) and Chrysler vehicles. Ingenious swivel action allows quick selection of correct sized tool.

Model	Remark
AT-001	It fits any 9mm or 10mm fuel line
AT-002	It fits any 11mm or 12mm fuel line
AT-003	It fits any 13mm, 16mm, 19mm, 23mm fuel line

AT-001



AT-002



AT-003



T-30D 30L Waste Oil Drainer

- FEATURE**
- ▶ Composite lid and drum with 30ltr reservoir and drain pan on telescopic post.
 - ▶ Gravity drain using tap on rear of unit. Includes visible 'Full Drum' device.
 - ▶ Includes large diameter drain pan insert and heavy duty mesh for draining oil filters.
 - ▶ Made from high density Polyethylene.

Model	T-30D
Dimension	550x550x880-1050 m/m
Capacity	30 L
Weight	8.9 kg
Power	Manual



T-50D 50L Waste Oil Drainer

- FEATURE**
- ▶ Composite lid and drum with 50ltr reservoir and drain pan on telescopic post.
 - ▶ Gravity drain using tap on rear of unit. Includes visible 'Full Drum' device.
 - ▶ Includes large diameter drain pan insert and heavy duty mesh for draining oil filters.
 - ▶ Made from high density Polyethylene.

Model	T-50D
Dimension	550x550x900-1070 m/m
Capacity	50 L
Weight	12 kg
Power	Manual



B-100 80L Truck Waste Oil Drainer

- FEATURE**
- ▶ Low level drainer suitable for use on the forecourt and workshop floor.
 - ▶ It is designed for commercial truck oil draining.
 - ▶ Fitted with gravity drain tap for manual depletion or can be worked with HP-300A model for waste depletion.

Model	B-100
Capacity	80L
Weight	19 kg
Dimension	1200x700x250 mm



HP-300A 3/8" Diaphragm Transfer Pump

- ▶ Air operated diaphragm pump.
- Specification*
- ▶ Max. Air Supply Pressure: 8 kgf/cm² (120psig)
 - ▶ Inlet & Outlet : 3/8 npt
 - ▶ Air Inlet : 1/4 npt
 - ▶ Max Flow Rate : 8 G.P.M. (32 L/Min)
 - ▶ Max. Size Solid : φ 2 m/m
 - ▶ Suction Lift Capability :6M Primed , 3M Dry

Model	HP-300A
Material Outlet	3/8"
MAX Delivery	28 L/min
Working Pressure	27 bar
Pump Ratio	1:1
Weight	7.58 kg
Dimension	360x290x790 mm



- Materials*
- ▶ Non Body Wetted: Aluminum Alloy
 - ▶ Body Wetted: A-15: Aluminum Alloy (A)
 - ▶ Body Weight: A-15; 4 KG
 - ▶ Applications & Chemical Characteristics :
Paint, Waste Oil, Resin, Slop ; 5<PH<8

TG-95 Portable Bearing Packer

- FEATURE**
- ▶ Packs 50 to 65 bearings with one grease filling.
 - ▶ Apply manual pressure to flush and pack bearing with grease.
 - ▶ Includes dust cover.

Model	TG-95
Dimension	101x101x180 m/m
Weight	660 g
Bearing diameter	50-95 mm
Diameter	95 mm



TG-20B Grease Filler Dispenser For Pail Drum

- FEATURE**
- ▶ These units remove old grease from race and cage of roller and ball bearings and repack them with fresh lubricant.
 - ▶ A cover is included to keep dirt out when not in use.
 - ▶ Drum size:20L.

Model	TG-20B
Dimension	340X330X570 m/m
Weight	7.1 kg
Material	Aluminum Alloy
Bearing Diameter	100-200 mm



Bearing Packer For Large Diameter

Model	TG-200	TG-170
Dimension	240x240x220 m/m	230x203x200 m/m
Weight	6.8 kg	5.8 kg
Bearing Diameter	150-200 mm	120-170 mm
Diameter	200 mm	170 mm



Multi-Function Suction Cups

- ▶ The lifter's frame is in high-density aluminium alloy. Each suction cup can bear a load of 20kgs ~150Kgs and they can move independently over a range of angles. The lifter can be used for car panel repairs as well as for lifting or moving glass, marble, large furniture or electrical appliances such as refrigerators and washing machines, also for other similar tasks like building, engineering ind etc. You can explore the usage by your creativity.
- ▶ The most helpful tool in moving objects / materials. Also for construction purpose under, special situation.
- ▶ While moving objects, use suction lifter to finish the task.
- ▶ The suction structure is made of high-density aluminium alloy.
- ▶ Unique design of adjustable suction cup which can increase the adhesion of the lifted object.
- ▶ In car plating, use it to restore the concavity by suction.



Spherical rubber pad
WH-9601HP10

Diameter:254mm,10" Loading Capacity:130 kg



WH-9601HP10A

Diameter:254mm,10" Loading Capacity:140 kg



Spherical rubber pad
WH-9601HP10B

Diameter:254mm,10" Loading Capacity:80 kg

- ▶ Includes protective carry case and protective cover.
- ▶ 10" Vacuum Cup-Metal Handle
- ▶ All-metal handle/pump assembly with concave pad for cured surfaces.
- ▶ Vacuum leakage indicator with suction quick release button



WH-9601HP9

Diameter:230mm,9" Loading Capacity:120 kg



WH-9601HP8

Diameter:200mm,8" Loading Capacity:100 kg



WH-9601HP8A

Diameter:200mm,8" Loading Capacity:80 kg



WH-9601HP8E

Diameter:200mm,8" Loading Capacity:100 kg

With alarm warning system

Multi-Function Suction Cups



WH-9601HP7

Diameter:178mm,7" Loading Capacity:40 kg



WH-9601HP7A

Diameter:178mm,7" Loading Capacity:40 kg



Spherical rubber pad
WH-9601HP7B

Diameter:178mm,7" Loading Capacity:40 kg



WH-9601HP7E

Diameter:178mm,7" Loading Capacity:40 kg
With alarm warning system



208065

Plunger replacement
With alarm warning system



SL-500

Diameter:125mm,5" Loading Capacity:20 kg



SL-600

Diameter:150mm,6" Loading Capacity:30 kg



SL-700

Diameter:178mm,7" Loading Capacity:40 kg



SL-600A

Diameter:150mm,6" Loading Capacity:35 kg



WH-9601H

- ▶ Three Position 8" Vacuum Cup
 - ▶ Three position handle locks into place for desired lifting application.
 - ▶ Center knob tightens to secure vacuum cup.
- Diameter:200mm,8" Loading Capacity:130 kg



WH-9601HA

- ▶ The vacuum is produced by pressing the lever down.
- Diameter:175mm,6.88" Loading Capacity:60 kg



WH-9601HB

- ▶ The 6.90" ~7.9" long single-cup lifters are best suited for vertical-mount applications and will hold material weighing up to 330 lb (150 kg).
- Diameter:175mm,6.88" Loading Capacity:100 kg

Multi-Function Suction Cups

- ▶ The vacuum is produced by gripping the two-part handle together.
- ▶ Special feature: The handle allows one-handed operation and thus quick, efficient work.



WH-9601C
Diameter: 123mm, 4.84"
Loading Capacity: 10 kg



WH-9601A
Diameter: 117mm, 4.6"
Loading Capacity: 25 kg



WH-9801A
Diameter: 123mm, 4.84"
Loading Capacity: 15 kg



WH-9601G
Diameter: 117mm, 4.6"
Loading Capacity: 25 kg



WH-9601B
Diameter: 117mm, 4.6"
Loading Capacity: 20 kg



WH-9601S
Diameter: 160x90x160mm



WH-9601MA
Diameter: 125mm, 4.92"
Loading Capacity: 20 kg



WH-9601R
Diameter: 137mm, 5.4"
Main body: PA

- ▶ For working quickly and efficiently.
- ▶ Suitable for all materials with smooth, flat, airtight surfaces such as glass, plastic, metal, coated wood, marble, etc.
- ▶ The small diameter of the rubber pads makes it suitable for handling small objects or for removing cable channel coverings, etc.



WH-9601Q
All-rubber, with two finger holes
Diameter: 126mm, 4.96"



L-2001
Diameter: 125mm, 4.92"
Loading Capacity: 30 kg



L-2002
Diameter: 100mm, 3.93"
Loading Capacity: 20 kg



L-2003
Diameter: 75mm, 2.95"
Loading Capacity: 15 kg

- ▶ Handy trigger release allows for very quick production handling, also widely used in the motor body repair industry as panel puller.



WH-9602CL
Diameter: 125mm, 4.92"
Loading Capacity: 40 kg



WH-9602CM
Diameter: 100mm, 3.93"
Loading Capacity: 30 kg



WH-9602CMA
Diameter: 100mm, 3.93"
Loading Capacity: 25 kg



WH-9602CS
Diameter: 75mm, 2.95"
Loading Capacity: 20 kg

Multi-Function Suction Cups

- ▶ All aluminum body with center handle for easy lifting.



WH-9602
Diameter: 117mm, 4.6"
Loading Capacity: 25 kg



WH-9802 Nickel plated
Diameter: 123mm, 4.84"
Loading Capacity: 25 kg



WH-9602A
Diameter: 117mm, 4.6"
Loading Capacity: 35 kg



WH-9802A Nickel plated
Diameter: 123mm, 4.84"
Loading Capacity: 40 kg



WH-9602CA
Diameter: 117mm, 4.6"
Loading Capacity: 25 kg



WH-9602CB
Diameter: 117mm, 4.6"
Loading Capacity: 30 kg



WH-9602F Windshield Handling Kit (3pcs)

- ▶ Two glass reinforced plastic gripper handles with four 117mm lever operated suction pads. Powerful suction will handle 40-60kg of windscreen. Supplied with ratchet tie down to fix screen in position if required.
- ▶ Lightweight double cup lifter has a swivel action design enabling its use on curved glass, popular with the windscreen industry.

- ▶ Triple Pad.
- ▶ A triangular formation of three pads with a common handle.



WH-9803 Nickel plated
Diameter: 123mm, 4.84"
Loading Capacity: 35 kg



WH-9603C
Diameter: 117mm, 4.6"
Loading Capacity: 70 kg



WH-9804 Nickel plated
Diameter: 123mm, 4.84"
Loading Capacity: 100 kg



WH-P6
Diameter: 150mm, 6"



WH-P3A
Diameter: 75mm, 3"



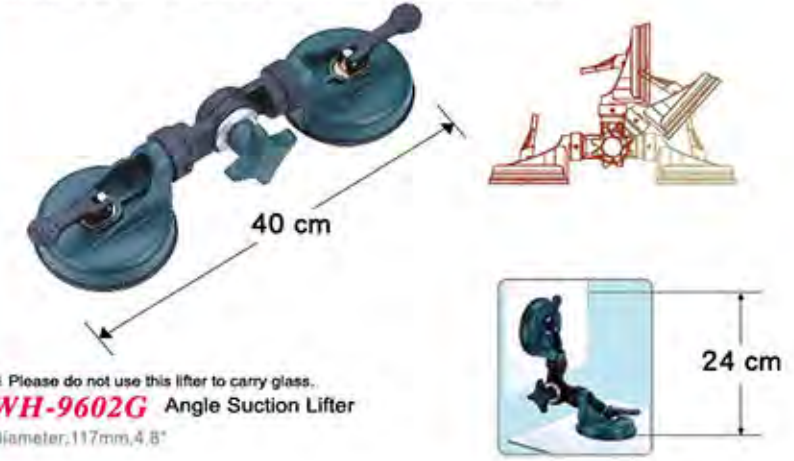
WH-P5A
Diameter: 122mm, 5"



WH-P6A
Diameter: 150mm, 6"

Multi-Function Suction Cups

- ▶ Suction discs with additional sealing lip, 117 mm diameter, 2 guiding units with 1 adjusting screw, which enable the shifting of the suction discs.
- ▶ Precise adjustment of the subjects to any desired position.
- ▶ The sides are connected by a rotatable link. For the fast gluing up in the angle range 45° - 300°.
- ▶ Chosen angular adjustment with clamping lever tightly arrestable.
- ▶ Application to glass - constructions for example - as well at building sites.



WH-9602G Angle Suction Lifter
Diameter: 117mm, 4.6"

- ▶ The ideal tool for pulling together flat, smooth sheets of material exactly to the millimeter.
- ▶ Suitable for all materials with plane like glass, plastic, metal, coated wood, marble, etc.
- ▶ The vacuum for the seaming tool is produced by pressing down the levers.



WH-9602D Diameter: 117mm, 4.6"

WH-9602E Diameter: 117mm, 4.6"



WH-9602MA
Glass Carrying Device
2PCS in a Set

Dimension: 200x88x175mm
Loading Capacity: 160 kg
Opening range: 40 mm
Spare rubber lining: 200 x 80 mm



WH-9602MS
Glass Carrying Device
2PCS in a Set

Dimension: 200x88x175mm
Loading Capacity: 80 kg
Opening range: 25 mm
Spare rubber lining: 200 x 80 mm

- ▶ Description: aluminium alloy suitable for all carpeted double floors.
- ▶ By pressing down the hand gear, the spikes of the carpet remover hook into the carpet and provide a secure grip for lifting the floor carpet.



WH-9602MD Carpet remover
Diameter: 110mm, 4.33"
Weight: 928g



WH-0702
Diameter: 117mm, 4.6"



WH-0702A
Diameter: 117mm, 4.6"

Multi-Function Suction Cups

- ▶ Rubber gripper prevents damage to surface.
- ▶ Designed for handling glass, tiles, plastic, sheet metal and non-porous materials.



WH-9601T
Diameter: 165mm, 6.5"
Loading Capacity: 20 kg

WH-9601TS
Diameter: 130mm, 5.1"
Loading Capacity: 10 kg

WH-5501
Diameter: 55mm, 2.16"



WH-5505
Diameter: 85mm, 3.34"



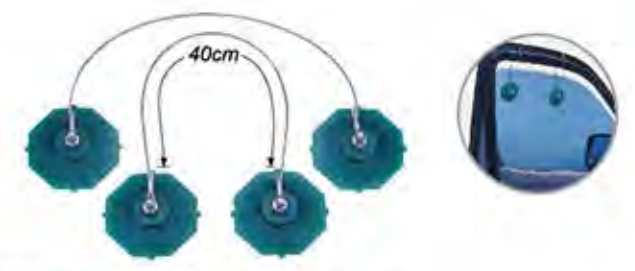
L-001
Diameter: 121mm, 4.93"

- ▶ Essential for holding bodywork trims during gluing operations.



WH-7885 6 Suction Pad Clamps (6pcs)
Diameter: 78mm, 3"

- ▶ Set of rubber suction pad for auto glasses.
- ▶ Used to keep the side glass in its position, allowing to work with free hands, for use let the cable carrying on the car door and fix the set of rubber suction pad on both sides of the glass.
- ▶ Can also be used to adjust and keep the position of wind-screens.



WH-7804 Window Handling Kit (2pcs)
Diameter: 78mm, 3"

- ▶ Set of rubber suction pad for auto glasses.
- ▶ Can also be used to adjust and keep the position of windscreen.
- ▶ Used to keep the side glass in its position, allowing to work with free hands, for use let the cable carrying on the car door and fix the set of rubber suction pad on both sides of the glass.



WH-9602L
Diameter: 117mm, 4.6"

WH-9602P
Diameter: 117mm, 4.6"



WH-9602T
Diameter: 117mm, 4.6"
Loading Capacity: 50 kg

- ▶ The longitudinal holes in the articulated joints allow the transport of surfaces which are curved beyond standard such as those found on some automobile windscreens.
- ▶ Aluminum handle.

Body work application



WH-9601
Diameter: 125mm, 4.92"
Loading Capacity: 20 kg



WH-9601J
Diameter: 100mm, 3.93"
Loading Capacity: 15 kg



WH-9601K
Diameter: 75mm, 2.95"
Loading Capacity: 10 kg

TV-169 Manual Vacuum Dent Puller

FEATURE

- ▶ Sliding hammer to ease dent without damaging to the paint surface.
- ▶ Comes with 3 suction pads.



Model	TV-169
Diameter	135mm
Weight	4.7 kg
Material	Steel & Plastic
Sliding Hammer	1.22 kg

TV-169A Air Vacuum Dent Puller

FEATURE

- ▶ Sliding hammer to ease dent without damaging to the paint surface.
- ▶ Comes with 3 suction pads.
- ▶ Get the power and versatility of a slide hammer without marring the finish by welding or drilling body panels.
- ▶ Pneumatic control creates a super-strong vacuum, making it easy to pull most dents out of panels.
- ▶ Instantly removes most dents without damaging paint.
- ▶ Requires air compressor - no drilling, welding or sanding required.
- ▶ 4" and 5" rubber cups for small and large dents.
- ▶ Urethane air supply hose with check valve.



Model	TV-169A
Diameter	135mm
Weight	4.7 kg
Material	Steel & Plastic
Air Inlet	1/4"
Sliding Hammer	1.22 kg

PS-2105 5 Pcs Trim Fastener And Molding Removal Kit

- ▶ Kit includes 5 different sizes and style of tools to simplify trim and trim stud removal.
- ▶ This kit is made of composite plastic to prevent damage to trim, moldings, alloy wheels, or painted finishes.

Model	PS-2105
Dimension	60x160 m/m 21x178 m/m 20x211 m/m 30x200 m/m 75x176 m/m
Weight	192 g



PS-2106 6 Pcs Mini Trim And Panel Removal Kit

- ▶ Kit includes 6 different sizes with slim profile to simplify removal of small trim items and panels.
- ▶ This kit is made of composite plastic to prevent damage to trim, panel, or painted finishes.

Model	PS-2106
Dimension	38x198 m/m 24x202 m/m 24x200 m/m 15x202 m/m 30x202 m/m 33x198 m/m
Weight	132 g



213047 Mini Precision Hammer

- ▶ Mini hammer fitted with one steel face and one rubber face.
- ▶ Deliver precise force to make an item fit.
- ▶ Suitable for trim and panel works. Less likely to damage painted finishes.

Model	213047
Dimension	55x170mm
Weight	46 g



PS-2112P 12PCS Composite Fastner/Panel Removal Kit

Model	PS-2105
Dimension	60x160 m/m 21x178 m/m 20x211 m/m 30x200 m/m 75x176 m/m
Weight	192 g

Model	PS-2106
Dimension	38x198 m/m 24x202 m/m 24x200 m/m 15x202 m/m 30x202 m/m 33x198 m/m
Weight	132 g

Model	213047
Dimension	55x170mm
Weight	46 g



Tool Cart Professional Utility Cart

KT-707E



KT-707F



KT-707TV



KT-909E



KT-909F



KT-909FB



KT-707F1



KT-707F2



KT-707F3



Model	KT-707E	KT-707F	KT-707TV	KT-909E	KT-909F	KT-909FB	KT-707F1/F2/F3
Dimension	750x460x940 m/m	750x460x980 m/m	750x460x1180 m/m	1140x513x920 m/m	1140x513x960 m/m	990x513x1010 m/m	750x460x980 m/m
Upright	560mmx4pcs	280mmx8pcs	200mmx4pcs 560mmx4pcs	560mmx4pcs	280mmx8pcs	280mmx8pcs	280mmx8pcs
Plate	630x424 m/m	630x424 m/m	630x424 m/m	866x500 m/m	866x500 m/m	866x500 m/m	630x424 m/m

- ▶ Quality carts for automotive, shop and maintenance applications.
- ▶ Easy assembly with rubber mallet.
- ▶ Molded shelves won't rust, dent, or require painting.
- ▶ Will not scratch car finish.
- ▶ 4" Brake wheel x 2pcs.
- ▶ 4" Swivel wheel x 2pcs.
- ▶ Material : Plastic.
- ▶ Upright : Aluminum alloy.



Standard wheels butterfly brake



Optional wheels with stop brake

KT-3852F Economic Utility Cart

FEATURE

- ▶ Quality carts for automotive, shop and maintenance applications.
- ▶ Easy assembly with rubber mallet.
- ▶ Molded shelves won't rust, dent, or require painting.
- ▶ Will not scratch car finish.
- ▶ 4" Brake wheel x 2pcs.
- ▶ 4" Swivel wheel x 2pcs.
- ▶ Material : Plastic.
- ▶ Upright : Aluminum alloy.

Model	KT-3852F
Dimension	685x435x940 m/m
Upright	280mmx8pcs
Material	Plastic
Plate	500x 380 m/m



Compact Utility Cart

Model	KT-168	KT-168R
Dimension	605x320x890 m/m	605x320x890 m/m
Upright	330mmx8pcs	330mmx8pcs
Plate	525x320 m/m	525x320 m/m



KT-168



KT-168R

A-300

FEATURE

- ▶ Accessories for KT-707 & KT-909 series.



TW Pat. M,275,815



Recycle Bin And Tray

FEATURE

- ▶ Ergonomic grip handles decrease the potential of back injury and finger strain.
- ▶ Plastic construction won't rust, dent, clip or peel.

Model	WH-508US	WH-909FB
Dimension	400x260x490m/m	350x235x200 m/m
Material	PE+HD	PE+HD



Model	KT-600	KT-4252
Dimension	575x430x180 m/m	536x412x202 m/m
Material	PP	PP



KT-508US (221032)



WH-909FB (221003)



KT-600



KT-4252

Multi Purposes Working Cart

- ▶ Quality carts for automotive , shop and maintenance applications.
- ▶ Easy assembly with rubber mallet.
- ▶ Molded shelves won't rust, dent, or require painting.
- ▶ 4" brake wheel x 2 pcs .
- ▶ 4" movable wheel x 2 pcs .
- ▶ Will not scratch car finish.
- ▶ Material : PA + 30% fiber.
- ▶ Upright : Aluminum alloy.



Model	KT-4658	KT-4658-2
Dimension	575x460x900 m/m	810x560x455 m/m
Material	PA+30% fiber	PA+30% fiber
Each Upright Height	280mm	555mm
Divider	6pcs	4pcs



KT-202DA Mobile Tool Trolley With Hanging Net

FEATURE

- ▶ Light weight design to provide best maneuverability.
- ▶ Material:Combination between steel, aluminum and PP (fiber) for extra strength and durability.
- ▶ Plate breaking force (PP with fiber):800kg.
- ▶ 4" hard wearing nylon wheels and locking casters.
- ▶ Drawer size 475 x 295 x 60 mm.

Model	KT-202DA	
Dimension	1325x750x460 mm	
Weight	24.7kg	
Upright	560mmx4pcs	
Plate	630x424 m/m	
Material	Steel, Aluminum,PP(fiber)	
Capacity	Plate	120kg / Level
	Drawer	20kg / Each



Professional Tool Cart

Model	KT-301BT	KT-301B
Dimension	750x460x980 m/m	750x460x980 m/m
Material	Plastic	Plastic
Upright	280mmx8pcs	280mmx8pcs



EG-300 Lubrication Service Cart

- ▶ Quality carts for automotive , shop and maintenance applications.
- ▶ Easy assembly with rubber mallet.
- ▶ Molded shelves won't rust, dent, or require painting.
- ▶ 4" brake wheel x 2 pcs .
- ▶ 4" movable wheel x 2 pcs .
- ▶ Will not scratch car finish.
- ▶ Material : PA + 30% fiber.
- ▶ Upright : Aluminum alloy.



Model	EG-300
Dimension	950x520x930 m/m
Material	PA+30% fiber
Upright	550mmx4pcs
Material	Aluminum



EG-500 Tyre Service Cart

- ▶ Quality carts for automotive , shop and maintenance applications.
- ▶ Easy assembly with rubber mallet.
- ▶ Molded shelves won't rust, dent, or require painting.
- ▶ 4" brake wheel x 2 pcs .
- ▶ 4" movable wheel x 2 pcs .
- ▶ Will not scratch car finish.
- ▶ Material : PA + 30% fiber.
- ▶ Upright : Aluminum alloy.



Model	EG-500
Dimension	800x520x1200 m/m
Material	PA+30% fiber
Upright	350mmx8pcs
Material	Aluminum



EG-600 Windshield Carrying Tool Cart

Model	EG-600
Dimension	850x600x1090 m/m
Material	PA+30% fiber
Upright	350mmx8pcs
Material	Aluminum



Rolling Work Seat

FEATURE

- ▶ Composite seat with 4 swivel castors, suitable for working around wheels and wheels arches.
- ▶ Stops fatigue and keeps operator off cold and oily workshop floor supplied for packed.



WH-727

Model	WH-727
Weight	1.5 Kgs
Dimension	450x335x310 m/m
Material	PA+PP



KT-201ASG
Rolling Work Seat Set

KT-201ASG	
Weight: 1.5 Kgs	Upright: 280mmx8pcs
Dimension: 450x335x310 m/m	Dimension: 750x460x640 m/m
Material:PA+PP	Plate: 630x424 m/m

KT-3238YB Saving Storage Container

FEATURE

- ▶ Economical, durable and easy to use.
- ▶ Temperature range: -20°C ~ 100°C

Model	KT-3238YB
Dimension	388x327x85m/m
Material	Reinforced plastic material



KT-3457 Utility Carry Box

Model	KT-3457
Dimension	340x567x240 m/m
Material	PP
Weight	1366g/pc



WH-1623 Aluminum Extendable Pallet

Model	WH-1623
Weight	580 g
Dimension	160x230x40 m/m
Material	Aluminum



easy ruler in inch and cm unit for quick measurement.

AHR-810 Air Hose Reel

Model	AHR-810
Weight	6.8 kg
Size	8 x 10 m/m
Working Pressure	15 kg/cm ²
Burst Pressure	1000 psi
Tube Material	Polyurethane Braid Hose
Coupler Style	Quick Coupler / 1/4" Male
Hose Length	10M



- ▶ ENHANCE PRODUCT VALUE AND CORPORATE IMAGINE / EASY TO CHOOSE AND PURCHASE
- ▶ Be able to advertise your company / product / Easy to fabricate / Artistic
- ▶ Material:Plastic

WH-3045-3



WH-3045-4



WH-3045-5



Model	Dimension	Each Upright Height	Bear Capacity
WH-3045-3	380x520x740 m/m	30 cm	Each shelves 40kg
WH-3045-4	380x520x1040 m/m	30 cm	Each shelves 40kg
WH-3045-5	380x520x1340 m/m	30 cm	Each shelves 40kg

WH-4165-3



WH-4165-4



WH-4165-5



Model	Dimension	Each Upright Height	Bear Capacity
WH-4165-3	410x650x890 m/m	32	Each shelves 40kg
WH-4165-4	410x650x1260 m/m	32	Each shelves 40kg
WH-4165-5	410x650x1630 m/m	32	Each shelves 40kg

Drum Plug Opener

WH-380

FEATURE

- ▶ Aluminum alloy pail tank opener provides handfull grip and strong leverage for tank opening.
- ▶ The high quality tool makes jobs faster, efficient and more precise.



5T36027



Model	WH-380	5T36027
Weight	420g	107g
Dimension	380x105x50 m/m	220x70x50 m/m
Material	Aluminum	Plastic

Oil And Battery Fluid Flask

▶ All plastic product are acid and alkali resistable / Material:PE



2002A Battery Fluid Filler

▶ Material:PE

Model	2002A
Weight	300 g
Dimension	135x270x270 m/m
Capacity	2L



2001A Square Oil Funnel

FEATURE

- ▶ Lock in most oil filling holes.
- ▶ Drains all oil from bottle.
- ▶ Material:PP

Model	2001A
Weight	80 g
Dimension	180x100x145 m/m
Capacity	850 cc



Gasoline Reserve Tank

▶ Material:HDPE



Model	2005A	2010A	2020A
Weight	490 g	860 g	1360 g
Dimension	250x130x250 m/m	300x140x350 m/m	370x170x450 m/m
Capacity	5L	10L	20L



Funnel



Model	Weight	Material	Dimension
2001F	170 g	PP	190x190x540 m/m
2001Y	240 g	PP	165x165x480 m/m
2001G	130 g	PE	160x160x540 m/m
2001D	170 g	PE	190x190x540 m/m
2001DA	170 g	PE	190x190x540 m/m

Flexible-Spout Funnel



2001YL

FEATURE

- ▶ With both straight and angle design.
- ▶ Filter installed to prevent any dust.
- ▶ Dust cover top keep funnel and fluid clean.

Model	2001YL
Weight	220g
Material	PP



Type Change Presser

FEATURE

- ▶ Material: PA+30% fiber



Model	500A	500B
Dimension	290x150x50 mm	130x72x160 mm
Weight	560 g	290 g

WH-315

Universal Clamping Wrench

FEATURE

- ▶ For removing and refitting fuel tank sender mounting rings.



Model	WH-315
Weight	525g
Dimension	315x115x40m/m
Main Body	Aluminum



KT-918 Assorted Case With Various Compartments

FEATURE

- ▶ Each compartment with Belt clip for easy carrying.
- ▶ Optional divider for more storage options.
- ▶ Tough composite plastic compartment with selective configuration.
- ▶ Clear see through design to identify contents at a glance.

Model	KT-918
Dimension	300x145x330 m/m
Weight	1.8 kgs



KT-369 Assorted Case With Various Compartments

FEATURE

- ▶ Each compartment with Belt clip for easy carrying.
- ▶ Optional divider for more storage options.
- ▶ Tough composite plastic compartment with selective configuration.
- ▶ Clear see through design to identify contents at a glance.

Model	KT-369
Dimension	300x145x330 m/m
Weight	1.8 kgs



KT-9615 Assorted Case With Various Compartments

FEATURE

- ▶ Each compartment with Belt clip for easy carrying.
- ▶ Optional divider for more storage options.
- ▶ Tough composite plastic compartment with selective configuration.
- ▶ Clear see through design to identify contents at a glance.

Model	KT-9615
Dimension	300x145x330 m/m
Weight	1.7 kgs



KT-1625 Composite Storage Bin

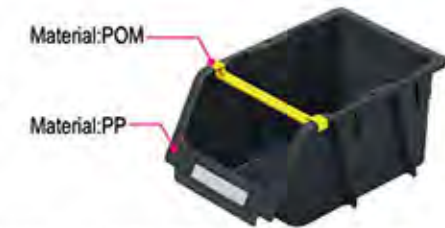
FEATURE

- ▶ Manufactured from shock proof polymer which is resistant to mild acids, solvents and oil.
- ▶ Keep small parts organized in less space.
- ▶ Ideal for work benches and assembly areas.

Model	KT-1625
Weight	185 ga
Dimension	160x250x128 m/m



Reinforced walls for stable, non-shifting stacking



Front, back and side grips for easy handling.



Stackable design for easy transportation

WH-408 Tool Carry Box

- ▶ Material:ABS

Model	WH-408
Weight	220 g



WH-408A



Drum Drain Basin

FEATURE

- ▶ Plastic basin install on drum for receiving waste oil.
- ▶ Intended to be installed at a standard barrel, the drain lid marries with the barrel inlet allowing simple and efficient draining of waste oil from filters etc.
- ▶ Manufactured from chemical resistant high density polyethylene with UV stabilizer.
- ▶ Features ribbed drainage channels and a filter gate to catch foreign objects.

LY-350
for
20L/30L
drum



LY-550
for
205L
drum



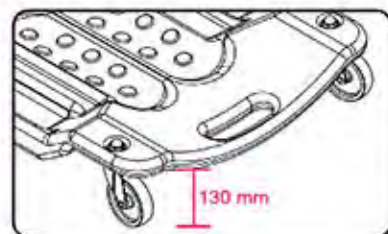
Model	LY-350	LY-550
Weight	0.5 kg	1.7 kg
Diameter	350 mm	600 mm
Capacity	3 L	20L
Material	PP	PP



WH-1047 Low Profile Composite Creeper

FEATURE

- ▶ Low profile clearance
- ▶ Steel wheel bushing molded into creeper to provide max strength
- ▶ Composite plastic resist to grease, solvent and fuel
- ▶ Loading capacity up to 150 kg



Model	WH-1047
Dimension	1000x470x130 mm
Weight	4.2 kg
Material	HDPE

Magnetic Collecting Trays

WH-8081



WH-8082



WH-8083



WH-8084



SL-1635 Light-sheet Carry Holder

Weight	300 g
Dimension	355x70x164 mm



500A05 Aluminium Wheel Protector

FEATURE

- ▶ A steel protective sleeve for tiring off

Weight	20 g
Dimension	350x160x30 mm



*Double pack

Tire axle drain pan

FEATURE

- ▶ To drain axle oil during wheel repair.
- ▶ Keeping compartment to hold axle nuts.
- ▶ Optional magnets to make stable sitting on the wheel.

U-220



U-220A



U-220B



Model	U-220	U-220A	U-220B
Dimension	345x213x174 mm	345x213x174 mm	345x213x174 mm
Capacity	2.2L	2.2L	2.2L

Waste Oil Storage

FEATURE

- ▶ This drain pan have a broad appeal and are suitable for both the DIY user and professional mechanic.
- ▶ Purpose made for the recovery of oil and anti-freeze, these pans help keep the workshop floor free from oily residue and aid return of oil to recycling containers with minimum risk of spills or splashes.
- ▶ Made from high density Polyethylene.
- ▶ Heavy wall construction stays rigid, even with hot oil.
- ▶ Large handle positioned to aid carrying and pouring.
- ▶ Resistant to most chemicals and solvents.
- ▶ Will not dent or rust and are easy to clean.



WH-050A

WH-080A

Model	WH-050A	WH-080A	WH-9004BC	WH-9004CC
Weight	600g	800g	1.27 kg	900 g
Dimension	435x310x115 mm	600x320x135mm	585x450x175 mm	580x410x130 mm
Capacity	5L	8L	14L	8L



WH-9004BC

WH-9004CC

Waste Oil Receiving Pan



WH-9004M WH-9004D WH-9004C WH-9004B WH-9004A

Model	WH-9004M	WH-9004D	WH-9004C	WH-9004B	WH-9004A
Weight	340 g	400 g	600 g	930 g	1.8 kg
Dimension	405x217x68 mm	430x400x110 mm	520x390x150 mm	600x450x180 mm	820x540x200 mm
Capacity	2.68L	8L	11 L	15 L	24L
Material	PP	PP	PE	PE	PE

FLUID SIPHON PUMP

FEATURE

- Penetration design EASY TO USE



Transferring fuel from car to car or motorcycle to motorcycle.



Extracting water from fish tank.



Pumping fuel into the heater.



Extracting fluid from the tank.



WH-101

Model	WH-101	WH-101C
Weight	260 g	96 g
Dimension	10 m/m	10 m/m



WH-101C

WH-101A DIESEL INJECTION SYSTEM PRIMING DEVICE

FEATURE

- Diesel Injection System Priming Device.
- Essential for reintroduction of fuel into fuel pump following maintenance such as fitting of new diesel filter or following drainage of fuel tank .
- Must be used whenever fuel system is disturbed.

Model	WH-101A
Weight	120 g



223002 PARTS WASHING BRUSH

FEATURE

- Replacement flow through brush for most popular parts washer
- Solid nylon handle.

Model	223002
Specifications	Part Brush 90°



CURVED

WH-208 TOOLS HOLDER



WH-365 HOSE AND TOOL HANGER



Model	WH-208	WH-365
Dimension	430x40x150 m/m	95x70x404 m/m
Weight	140 g	480 g



Demonstration

PS-215 One Hand Silicone Remover

FEATURE

- For scraping, cleaning and peeling silicone in all occasions.
- Easy and simple use, one hand operation.
- Built by composite plastic, strong enough to do the job.
- Will not damage surface material during the operation.

Model	PS-215
Dimension	212x34x25.5mm
Weight	393 g
Material	PCM



Push the remover backward to scrape the silicone.



Pull the remover backward to peel the silicone.



PS-2704 4 Pcs Composite Scraper Kit

- Composite Scrapers remove object without marring or damaging aluminum and painted finishes. Ideal for removing trim, residue from alloy wheels, badges and decals from bodywork. Plastic edges will not scratch or mark paint or panel work and can be re-sharpened with a file when required.

Model	PS-2704
Dimension	275mm
Blade sizes	38 mm, 25 mm, 23 mm, 20 mm
Weight	393 g



PS-1218 Plastic Chisel/Wedge set

FEATURE

- Remove timing belt cover, oil drain and etc.
- Also work for panel/trim removal
- Composite plastic design which won't cause any damage

Model	PS-1218
Dimension	127 mm, 175 mm, 127 mm, 175 mm
Material	PA+GF



COMBINATION WRENCH SET Size: 10. 12. 13. 14mm 5T0004



Size: 8. 10. 12. 13. 14. 17. 19mm 5T0003



72-teeth
5° space requirement for each turn.

