

Best Solutions for Automotive Maintenance



**Cost
Reduction**

**Working Time
Reduction**

**Solve
all maintenance
problems by
KTC tools**

**Customer
Satisfaction**

Oil Change

Page 3

To improve work efficiency
and facility cleanliness

Difficult to lift up...

Hard to discharge oil
through the under
drain valve...



50%
Time Crunch

Check out
this video on
YouTube



Working Time Reduction

Cost Re

KTC products help you to solve

Find the Cause and

KTC tools assist you with setting up effectively
Safe and reliable

Coolant Fluid Exchange

Page 5

Quick Coolant Fluid Charger
for various types of automobile

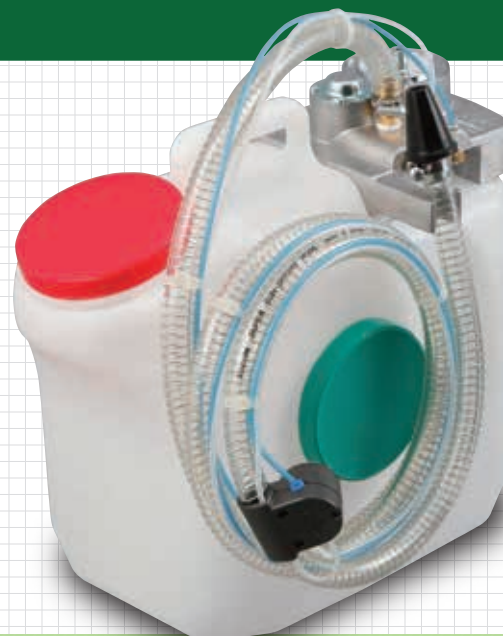
85%

Time Crunch

Check out
this video on
YouTube



Air Bleeding takes
up too much time...



From “two people work” to “one person work”
To quickly and reliably change the brake fluid



This work keeps
staffs tied down for
long hours...



50%
Time Crunch

Check out
this video on
YouTube



Need at least
two staffs for brake
fluid replacement...

duction

Customer Satisfaction

ve the maintenance problems

Solve All Problems

ective maintenance work and laborsaving.
work for everyone.

Tough & High Power
Impact Wrench

Lug nuts are
too tight...



15%
Time Crunch

Oil Change ▶▶▶ To improve efficiency and facility cleanliness

WORKFLOW

Remove Undercover

Remove Drain Plug

Discharge Oil

Remove Oil Filter

Install Drain Plug

Install Undercover

Clip Clamp Pliers 20°, 80° 3-Claw type (to extract 3-Groove Type Push Pin) D.PAT. No. AP202C, AP202D

Easy to remove plastic push pins in narrow, deep spaces

- Pliers for removing / installing the plastic push pins at undercover etc.

Reuse a plastic push pin

Removing a plastic push pin quickly

Working Time & Cost Reduction

For 3-Groove Type Push Pin



Fit for both wide / narrow type 3-Groove Push Pin

20° type (for flat surface)

80° type (for tight space)

No.AP202C

No.AP202D

Check out this video on YouTube



2 in 1 Oil Drainer No.GOD80E

Supports both upward / downward oil drain

Adopt straight handle & telescopic oil dish

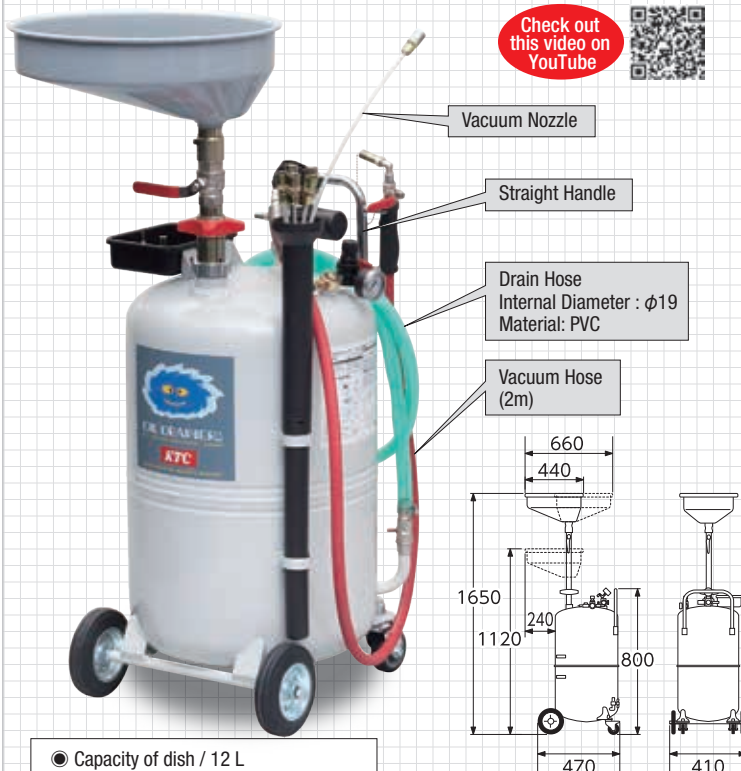
Easily stored on your garage

Space-Saving

80 L Tank

Capacity of 12 to 15 vehicle waste oil

Check out this video on YouTube



- Capacity of dish / 12 L
- Weight / 29kg



Fit for even high-roof vehicle.
Telescopic oil dish can approach low position oil drain plug.



During the upward oil drain, other works (battery check, brake oil maintenance, etc.) can be done concurrently.

Oil Filter Exchange ▶▶▶ More than 30 sizes KTC oil filter wrenches can meet every oil maintenance demand

WORKFLOW

Remove Undercover

Remove Drain Plug

Discharge Oil

Remove Oil Filter

Install Drain Plug

Install Undercover

Oil Filter Wrench for Housing Cap Type No. AVSA-R64A / No. AVSA-R64B

Fit for Aluminum / Plastic housing cap type oil filters Hold Tight & No Slippage

● Manufactured by Casting

Strength Improves 2 times※

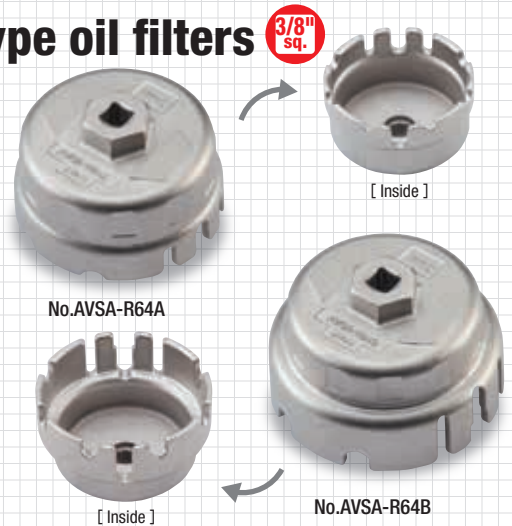
Long Lifetime

Reduce your Purchasing Expense

※As compared with KTC aluminum cup type.



Fit for Aluminum / Plastic housing cap type
(paper filter change type) oil filters



No.AVSA-R64A

● Fit for Toyota Prius, Yaris / Vitz, etc.

No.AVSA-R64B

● Fit for LEXUS brand, etc.

Remove Oil Filter

Remove Oil Filter

Adjustable Oil Filter Wrench No. AVSA-6379

Fit for various sizes and shapes oil filters

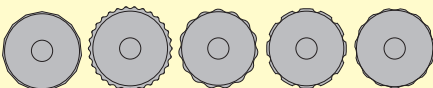
● Handy tool for Up to $\phi 60 - 79$ cartridge type oil filters

Useful on any sizes

Unnecessary to have a full set of wrenches

Reduce your Purchasing Expense

< AVSA-6379 supports various shapes >



3/8" sq.



KTC lineup is applicable to various Oil Filter

Three kinds of KTC oil filter wrench as Cup-type, Chain-type, and Strap-type support various sizes of Oil Filters. Aluminum Cup-type wrench that will really help with those small filters located in very tight places.



< Cup-type >



< Chain-type >



< Strap-type >



Coolant Fluid Exchange ▶▶▶ Quick Coolant Fluid Charger for various types of automobile

WORKFLOW

Refill
Coolant Fluid

Remove
Spring Tension
Clamps

Remove
Hose

Check
for leak

Coolant Charger No. AE401

To prevent air from entering the coolant system

- Avoid air mixture and quickly refill the coolant fluid
- Easy Operation - No longer required difficult air pressure adjustment

Reduce the time required for Air Bleeding

Working Time & Cost Reduction



Easy on-hand
"Vacuuming / Bleeding"
changeover switch

Holder keeps hose
compactly

Large-capacity tank
(up to 15 liter)

Check out
this video on
YouTube



Removable vacuum

You can instantly confirm
what color and how much
Coolant Fluid is left

Vacuum can accurately
carry out Coolant Fluid

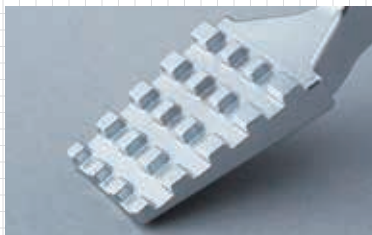
Hose Clip Pliers No. AE931 / No. AE932

This is the answer for every technician that has to fight any spring type hose clamps

- It will grab from any angle-very easy to use and works on virtually all spring tension clamps.

Hold slippery and stressful spring tension clamps

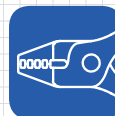
Hold clips securely, No more stress at work



Adjustable pliers with a 20mm wide jaw that has a waffle pattern gripping surface.



Compact Anti-Slipping Grips (non-rubber thick grips) helps to approach to the narrow space.



Standard



No.AE931 Standard Type



Angle Nose



No.AE932 Angle Nose Type

Brake Fluid Exchange ▶▶▶ Even a single worker can perform the Brake Fluid exchange work

WORKFLOW

Remove
TireDisassemble /
Assemble a
Drum BrakeChange
Disc Brake
PadsReplace
Inner PartsAdjust
the Clearance
of Brake Shoe**Brake Fluid
Exchange**Mount Tires
by
Torque Wrench

Brake Bleeder No. ABX70

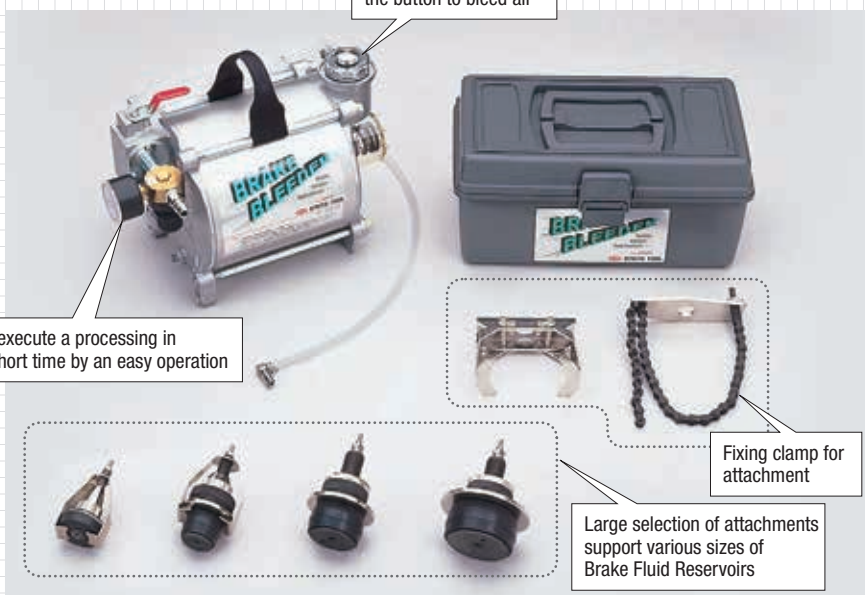
Continuous smooth feeding without pausing No detection equipment is needed

- High-Performance, Simple, and Compact Body
- Applicable to ABS and Hybrid Cars

Continuous Pressure-Feeding Model

From "Two People Work" to "One Person Work"

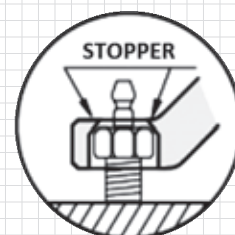
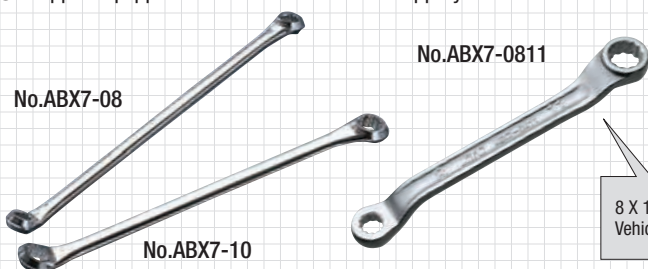
Working Time & Labor Cost Reduction

To execute a processing in
a short time by an easy operationYou have only to push
the button to bleed airCheck out
this video on
YouTubeFixing clamp for
attachmentLarge selection of attachments
support various sizes of
Brake Fluid Reservoirs

Bleeder Screw Wrench No. ABX7-08, No. ABX7-10, No. ABX7-0811

Anti-Slip Wrench for Bleed Screw

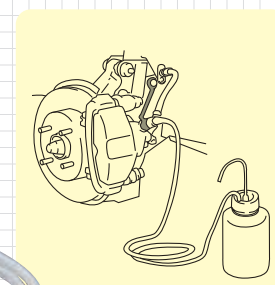
- Stopper-equipped Wrench – it can catch a slippery Bleeder Screw

8 X 11mm Wrenches can approach to the Bleeder Screws of some
Vehicles of TOYOTA, NISSAN, FORD, PEUGEOT, RENAULT, and VOLVO.

Wrench Set for Brake Bleeder No. ATBX04

Must Item for bleeding Brake Air

- Large capacity Waste Oil Tank and Vacuum with 8mm, 10mm wrench for bleeder screw (Includes: No.ABX7-S1, No.ABX7-T1, No.ABX7-08, No.ABX7-10)



Tire Exchange ▶▶▶ Assist your speedy and secure Tire Change

WORKFLOW

Install
Fender Cover

Measure
Tire Tread
Depth

Check
Tire Pressure

Remove
Wheel Cap

Remove and
Temporary
Tighten Lug Nuts

Tighten Lug Nuts
with
Torque Wrench

Over-Torque by using Impact Wrench in the worst case could be a significant factor for a car crash. Torque Control with Torque Wrench is necessary.

Impact Wrench

Loosening & Temporary Tightening

Quick-loosening and tightening lug nuts by JAP437E.



No. JAP437E

Quick operation
with 700N.m
High Power

Torque Wrench

Torque Control

Main tightening is performed with Torque Wrench after once temporarily tightening



Preset Type Torque Wrench

Digital Torque Wrench

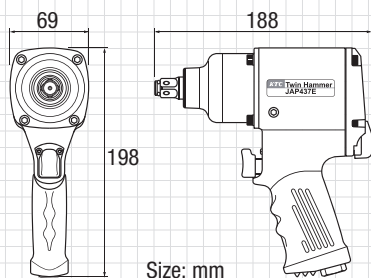
Secure Works
under the
torque control

Speedy
and Secure
Operation

1/2" sq. Impact Wrench No. JAP437E

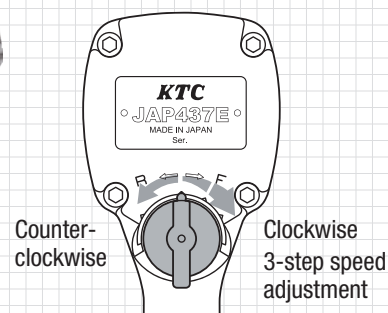
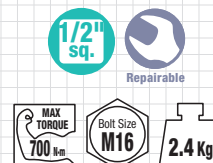
High Power & High Durability Impact Wrench

- Made in Japan Model
- Max 700N.m torque with Twin Hammer



Size: mm

	No. JAP437E
Square drive	1/2"sq. (12.7sq.)
Attachment retainer	Ring (with pin holes)
Maximum bolt size	M16
Free speed	7,000 rpm
Optimum air pressure	0.62 MPa (dynamic pressure)
Air consumption without load	0.67 m ³ /min
Air inlet size	PT1/4"
Recommended air hose inside diameter	8 mm or larger
Product weight	2.4 kg

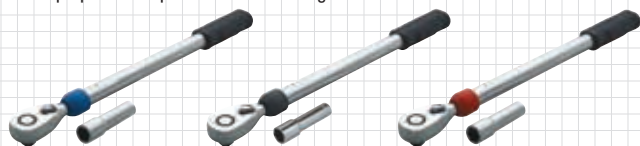


Torque Wrenches

Extensive range of KTC Torque Wrenches - Cover torque values up to 800 N.m

- KTC product line-up meets your specific needs
 - Special Torque Wrench for lug nuts
 - Wide range of preset type Torque Wrench
 - LED and alarm notification device mounted on Digital Torque Wrench

● 1/2" sq. Special Torque Wrench set for lug nuts



No. TWCMPA119
(WCMPA085+B38Z-19H)

Specified Torque 85N·m

No. TWCMPA221
(WCMPA103+B38Z-21H)

Specified Torque 103N·m

No. TWCMPA319
(WCMPA108+B38Z-19H)

Specified Torque 108N·m

● Preset type Torque Wrench



No. CMPB2004

Range of Measurement 40~200N·m

● Digital Torque Wrench



No. GEK200-R4

Range of Measurement 40~200N·m