



R410A SERVICE TOOL KIT

#TLB410KIT

Everything you need to service ductless mini-split and central A/C systems with 1/4" & 5/16" service ports.

TOOL KIT INCLUDES:

- Pro-Set® Premium Piston Series Manifold
- 5' Premium Pro-Set® Charging Hoses
- Imperial and Metric Hex Key Sets
- Valve Core Tool
- Brass Adapters and Caps
- Large, 16" Rubber Bottom Tool Organizer
- Imperial and Metric Torque Wrench Set
- BlackMAX® Tube Cutter 1/8" to 1-1/4"
- BlackMAX® Tube Flaring Tool
- BlackMAX® Deburring Tool with extra blade
- R410A Flare Size Gauge



TLB410KIT shown above. Details on back.

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Pro-Set® Premium Piston Series Manifold #MT2HP

- 2 valve anodized aluminum block body
- 1/4" SAE 45° fittings
- Triple Seal piston valves
- Sure grip rubber over metal valve handles
- 3 1/8" (80 mm) Class 1.0 accuracy gauges
- Protective gauge boots
- Extra access port in center with Schrader valve and hanging hook



5' Premium Charging Hoses

- #HP5BE-Blue, HP5RE-Red, HP5YE-Yellow
- 1/4" hoses with SAE fittings, 45° ball valve on one end
 - 800PSI working pressure
 - 4000PSI burst pressure
 - Leak-proof 8-sided crimp
 - Extra deep knurling
 - Adjustable valve core depressor
 - Blow off grooves preventing spray back

Hex Key Sets

- (1) Imperial #TLSWH**
5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"



- (1) Metric #TLWHM**
1.5, 2, 2.5, 3, 4, 5, 6, 8mm



Valve Core Tool #TLVCS410A

- Unique configuration of tool enables use of standard 1/4" SAE manifold/hose sets with R-410A systems incorporating 5/16" (1/2"-20UNF) service ports.
- Designed to remove and install valve core without losing system charge
 - Increases evacuation and charging speed by creating unrestricted access



Brass Adapters and Caps

- (10) 1/2"-20 UNF Caps #AVC410
- (2) Male: 1/4" SAE 55D; Female: 1/2"-20 UNF SWWL, #AD87S and
- (2) Male: 1/4" SAE Female; 1/2"-20 UNF #AD87



Large, 16" Rubber Bottom Tool Organizer #TLBAG2

- Separate compartments for quick, easy-access
- Molded handle for durability and comfort
- Rubber bottom



R410A Flare Size Gauge #FTXSG

- 6.4 mm, 1/4"
- 9.5 mm, 3/8"
- 12.7 mm, 1/2"
- 15.9 mm, 5/8"
- 19.1 mm, 3/4"



BlackMAX® Tube Cutter 1/8" to 1-1/4" #BTC300

- Two quick-change, chromed, hardened cutting wheels
- Enclosed feed screw eliminates clogging, jamming
- SetNCut™ spring-loaded cutting wheel for a perfect cut every time



BlackMAX® Tube Flaring Tool #BFT850

- Aluminum body is 50% lighter than steel designs
- Internal clutch indicates when formed flare is complete
- Eccentric cone forms precise 45° flared ends
- Creates perfect, strong flares
- For 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" O.D. soft copper, aluminum tube



Torque Wrench Set with (1) Universal Handle #TLTWSAE and (6) Imperial and (6) Metric wrenches

(part numbers below)

Heads			
Metric		Imperial	
17mm	#TLXTWM17	5/8"	#TLXTW58
22mm	#TLXTWM22	11/16"	#TLXTW1116
24mm	#TLXTWM24	13/16"	#TLXTW1316
26mm	#TLXTWM26	15/16"	#TLXTW1516
27mm	#TLXTWM27	1 1/16"	#TLXTW1L116
29mm	#TLXTWM29	1 5/16"	#TLXTW1L516



BlackMAX® Deburring Tool with extra blade #BTLDB3