Dealer Tools & Parts

This document contains Tools and Parts installers and service providers need to have available for working on the Idle Free system. Explanations for each are on the right side of each item.

These items are available from Idle Free at near cost. If you have these parts you are good, if you wish to purchase these on your own we have included the internet address to see and/or purchase on your own.

Clamp AMP Meter

http://imperialsupplies.com/item/9126484
    Must be a DC Voltage Clamp Meter
    Must be able to measure up to 200 AMPS, DC

Clamp AMP Meter is used for system testing and system diagnostics (Service).

Condenser Fan, temporary, (purchase from Idle Free only)
    IFS Part #34008

Condenser Fan, temporary is used for operating the air conditioner without the exterior cover in place, (Testing & Service).

Hydraulic Crimper, hand held

http://www.harborfreight.com/hydraulic-wire-crimping-tool-66150.html
    Item: Central Hydraulics, #66150, Harbor Freight item

Hydraulic Crimper is used for adding lugs to the cables, Installation & Service. This is a great tool that is not expensive.

IFS Lug Repair Kit, includes

Lugs

http://imperialsupplies.com/item/0061330
6133, 2GA 5/16 STUD BATTERY LUG, PKG of 10

http://imperialsupplies.com/item/0718620
71862, 2GA, 3/8 Stud Battery Lug, PKG of 10

Lugs, Cable ends, are required for service only. All new systems will be shipped with the needed lugs in place or available to be crimped on (available from IFS).

http://imperialsupplies.com/item/0718610
71861, 4GA, 3/8 Stud, Battery Lug, PKG of 10

http://imperialsupplies.com/item/0718840
71884, 4GA 5/16 STUD BATTERY LUG, PKG of 10

http://imperialsupplies.com/item/0718790
71879, 4GA 1/4 STUD BATTERY LUG, PKG of 10

Heat Shrink

http://imperialsupplies.com/item/0717390
71739, SEAL-A-SPLICE II 1x2-1/2 RED, PKG of 10

Heat Shrink, Red & Black, is required for service of repaired cables only. All new systems will be shipped with the needed Heat Shrink in place or available to be "heated" on (available from IFS).

http://imperialsupplies.com/item/0717400
71740, SEAL-A-SPLICE II 1x2-1/2 BLACK, PKG of 10

Ring Terminal

http://imperialsupplies.com/item/0709150
70915, CRMP SLDR SEAL 10-12GA #10 RNG, PKG of 10

Ring Terminal, size 12, is required for service only. All new systems will be shipped with the needed terminals in place (available from IFS).

Hole Saws Needed for Installations

1 "

1 7/8"

2 ½"

3 ½"

Unibit (to 1")

http://imperialsupplies.com/item/0002910 **Kit, includes all saws needed + arbors**

These HOLE SAWS are called out in the Idle Free Installation Manual.

http://imperialsupplies.com/item/9107635

Options for Installation

Frame Clips
http://imperialsupplies.com/item/0750700 **75070**,
FRAME CLIP WITH HOLE
1/8 - ¼,
PKG of 5

Frame Clips, not required; however, allow an alternative to tie strapping cables & hoses to the existing truck hoses and truck harnesses (available from IFS).

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Hydraulic Lift Table is not required; however makes APU installations easier by allowing the table to do the work of managing the 500# APU.

Options for installation Hydraulic Lift Table

32 x 20" 660 lb. Standard Lift Table

PORTABLE

Giant **back saver** lifts heavy loads in the office, factory or warehouse.

- Foot pump hydraulically raises platform.
- Easy-release lever to lower.
- Overload valve protects pump and operator.
- Polyurethane casters: 2 swivel with brakes, 2 rigid.
- View product video.

Midtronics EXP-1000 HD Heavy-Duty Expandable Electrical Diagnostic Platform

Fast, accurate testing for heavy-duty and commercial applications

The EXP-1000 HD from Midtronics was created specifically to provide   unparalleled accuracy and flexibility in heavy-duty commercial/fleet applications.

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- Battery pack testing
- Multiple battery system routines for up to 6 batteries
- Special commercial battery algorithms
- Application-specific test parameters for system and cable drop testing

http://www.midtronics.com/shop/products-1/battery-and-electrical-system-diagnostics/exp-series-expandable-electrical-diagnostics/midtronics-exp-1000hd-battery-test