



THE DURO-LAST® TOOL CATALOG

**All The Tool Information You Will
Need To Properly Sell & Install
The Duro-Last Roofing System.**





The Duro-Last Tool Catalog has been created to provide our contractors and sales representatives with an easy-to-use reference on all the tools that are available through Duro-Last.

With a description of each tool, along with a photo and item number, this catalog will come in handy when you need to order tools. In some cases, an installation photo is also included to show you how the tool is used.

For pricing or questions concerning the Duro-Last Tool Catalog, please contact:

Phone: 800-248-0280

Web: www.duro-last.com

E-Mail: sales@duro-last.com

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SCISSORS (9" FISKARS)

Item #1193

For virtually all roof installations, it is necessary to cut the Duro-Last membrane. These scissors are designed for the harsh rooftop environment.



UTILITY KNIFE

Item #1195

This utility knife is convenient for cutting the Duro-Last membrane.



TAPE MEASURE 10' (CUSTOM STACK)

Item #1194-100

Measuring for custom stack flashings is easy with this retractable tape measure. One side highlights standard measurements, while the other side allows you to determine the actual size of the stack you need to order. Available only from the Duro-Last Saginaw location.



TAPE MEASURE 12'

Item #1194

During a roof installation, it is necessary to take measurements throughout the installation process. This tool is a standard construction tape measure with a convenient belt clip.



APRON FOR SCREWS & PLATES

Item #2085

This useful, lightweight canvas apron is excellent for holding your roofing screws and plates.





PLATE POUCH

Item #1262

This handy and easily-accessible canvas pouch attaches to your belt and is perfect for holding plates.

DURO-BAG

Item #1261

A convenient “newspaper-style” bag that roofing crews can use to carry all of the tools necessary for completing minor roof maintenance.

The tool bag can carry a 100-foot, #12 cord; welder; caulk gun; membrane material; and other small tools. The over-the-shoulder bag allows you to have both hands free when climbing a ladder.



CAULK GUN

Item #1192

A typical construction tool used on roofing projects, this caulk gun holds a standard caulk tube.

9" CORE CUTTER

Item #1649

18" CORE CUTTER

Item #1648



Before installing a new Duro-Last roof, it is important to determine the type of roof deck, the condition of the roof deck, whether any water is trapped in the old roofing system, as well as the length and type of fasteners needed to penetrate the roof deck. These core cutter tools can assist roofing contractors in completing these tasks.

One end of each tool has sharp teeth that will cut a 2" diameter round hole through the existing roofing system to obtain a core sample that will need to be replaced after documenting the necessary roof information. The taller core cutter allows you to take deeper core cuts, and the additional length makes the tool easier to use.

PULL-OUT TESTER

Item #1650

A tool used to determine the fastener pull-out resistance of a roof deck.

This tool should be used on every project. Once the pull-out value is determined, you can calculate the required fastening pattern for each project.

Read-out is in 25-lb. increments.

Refer to the Duro-Last Specification Manual for fastening requirements.



LITTLE GIANT LADDER 22 FT. (1-A)

Item #1600

A high-quality folding or "telescoping" ladder that will telescope down to a 6' length for easy storage in a truck or car.





PULL-TITE® KNEE PULLER

Item #1810

A tool used for installing parapets or deck membrane in corners and tight locations where the GriPull cannot be utilized. The PULL-TITE is made from heavy aluminum plate, yet is portable and lightweight. It allows for increased installation efficiency and productivity, reduces labor costs, and helps protect insulation and the membrane during installation.

This tool has a 3½" wide "duck bill" clamp that grips the membrane.

PULL-TITE® KNEE PULLER REPLACEMENT CABLE

Item #1811

The replacement cable for the PULL-TITE Knee Puller.



PULL-TITE VISE GRIP WITH CABLE

Item #1812

A replacement Wide Vise Grip with cable for the PULL-TITE Knee Puller.

D/L START PC RATCHET SYSTEM

Item #1814

Consists of a modified 4" vise grip attached to a ratchet strap. This tool is used to start deck sheets and parapets by pulling the reverse tab and first tab straight, thus making the installation of the prefabricated roof section easier and faster.

Note: The vise grip must be attached to the factory weld, not to the fastening tab.

Contact the Duro-Last Quality Assurance Department for assistance or training on this tool.



D/L RATCHET VISE GRIP

Item #1815

The modified vise grip is used only with the D/L Start PC Ratchet System. This tool has a 4" wide "duck bill" clamp that grips the membrane.



WIDE VISE GRIP

Item #1196

Used to grip the Duro-Last roof membrane and pull it tight during installation. This tool is usually used in areas where the GriPull, Stand-Up GriPull or PULL-TITE cannot be used.

This grip has a 3½" wide "duck bill" clamp that grips the membrane.

PANDUIT TOOL

Item #1221

A lightweight, rugged, easy-to-operate tool that assists in stainless steel band installation. The tool has a side entry for immediate positioning of the band and easy removal of excess band. Tool tension is controlled by the installer.





THE GRIPULL®

Item #1800

An installation tool used to align the Duro-Last material properly and to assist in removing wrinkles from the deck sheet.

Note: The GriPull is required to install all Duro-Last roofing systems.

Two GriPULLs are recommended for all projects to optimize installation speed.




THE GRIPULL ACCESSORIES

Item #1800

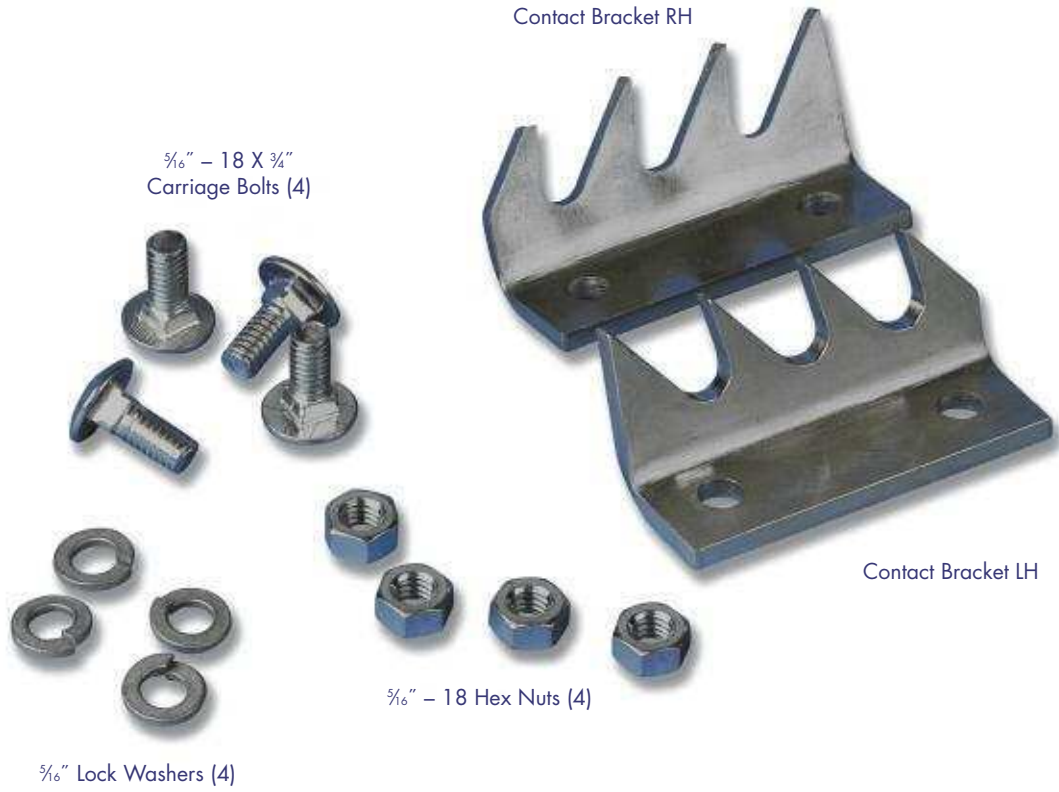
NOTE: The accessories for the GriPull can be purchased in either a kit or separately. Accessories with item numbers can be purchased individually.



<p>Sold separately. (For Item #1800)</p> <p>½" E-Clip (Requires 2) Item #1791</p> 	<p>Rear Pulley Spacer (Requires 2) Item #1796</p> 	<p>Rear Pulley Item #1803</p> 	<p>Kit includes: ½" E-Clips (2) and Rear Pulley Shaft (1) Item #1795</p> 
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CONTACT BRACKET SET

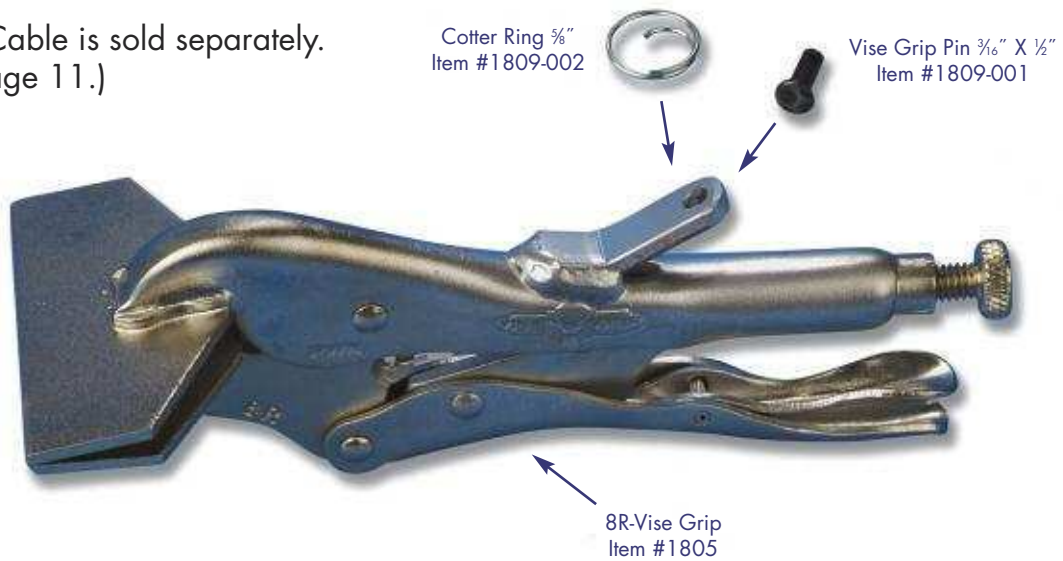
1 Contact Bracket RH, 1 Contact Bracket LH, 4 Carriage Bolts, 4 Lock Washers, 4 Hex Nuts
Item #1785



WISE GRIP KIT

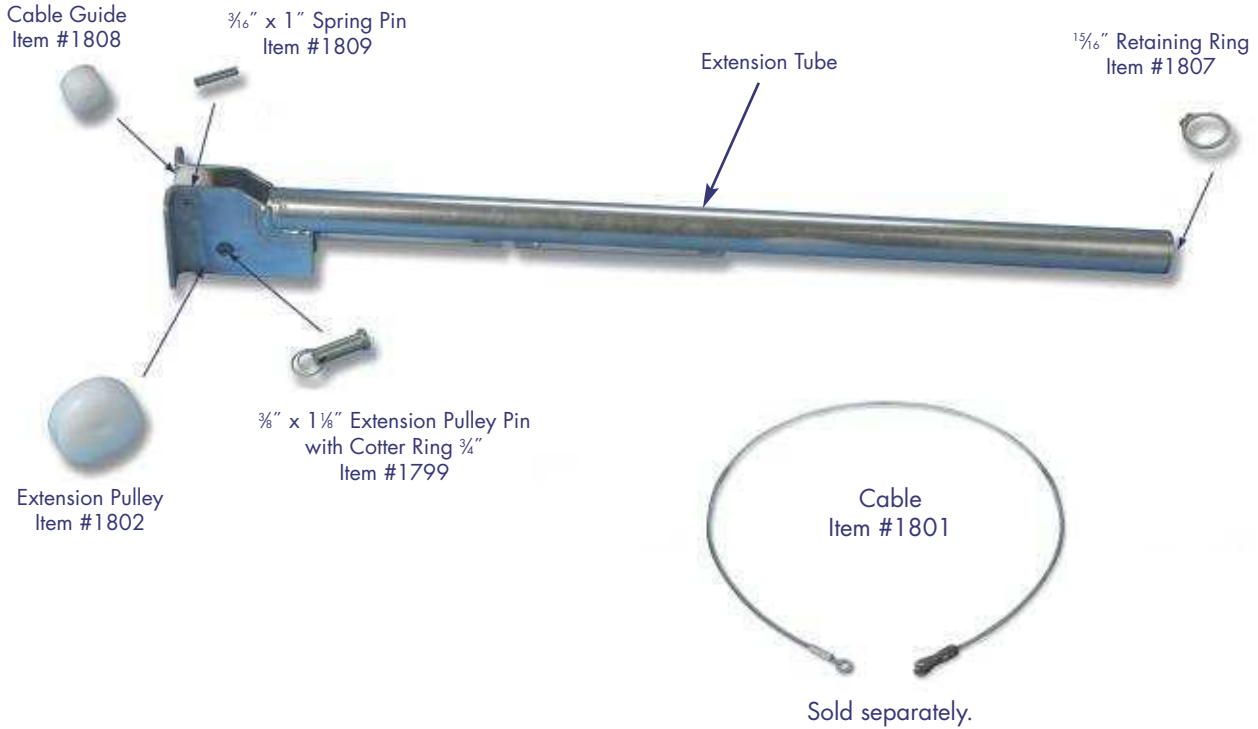
1 Cotter Ring, 1 Vise Grip Pin, 1 Vise Grip
Item #1786

Note: Cable is sold separately.
(See page 11.)



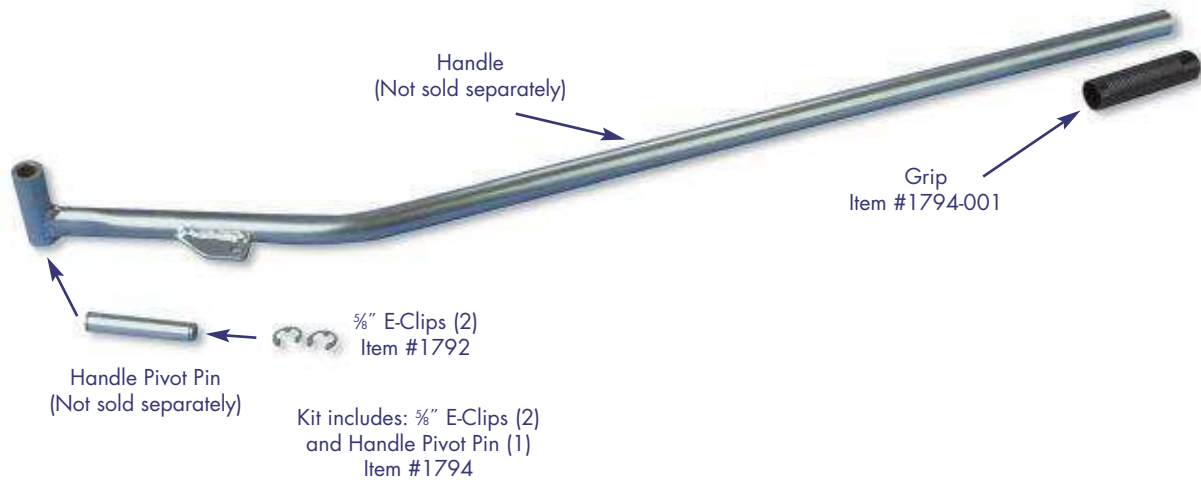
EXTENSION TUBE ASSEMBLY KIT

1 Cable Guide, 1 Spring Pin, 1 Retaining Ring, 1 Extension Pulley Pin with Cotter Ring, 1 Extension Pulley
Item #1788



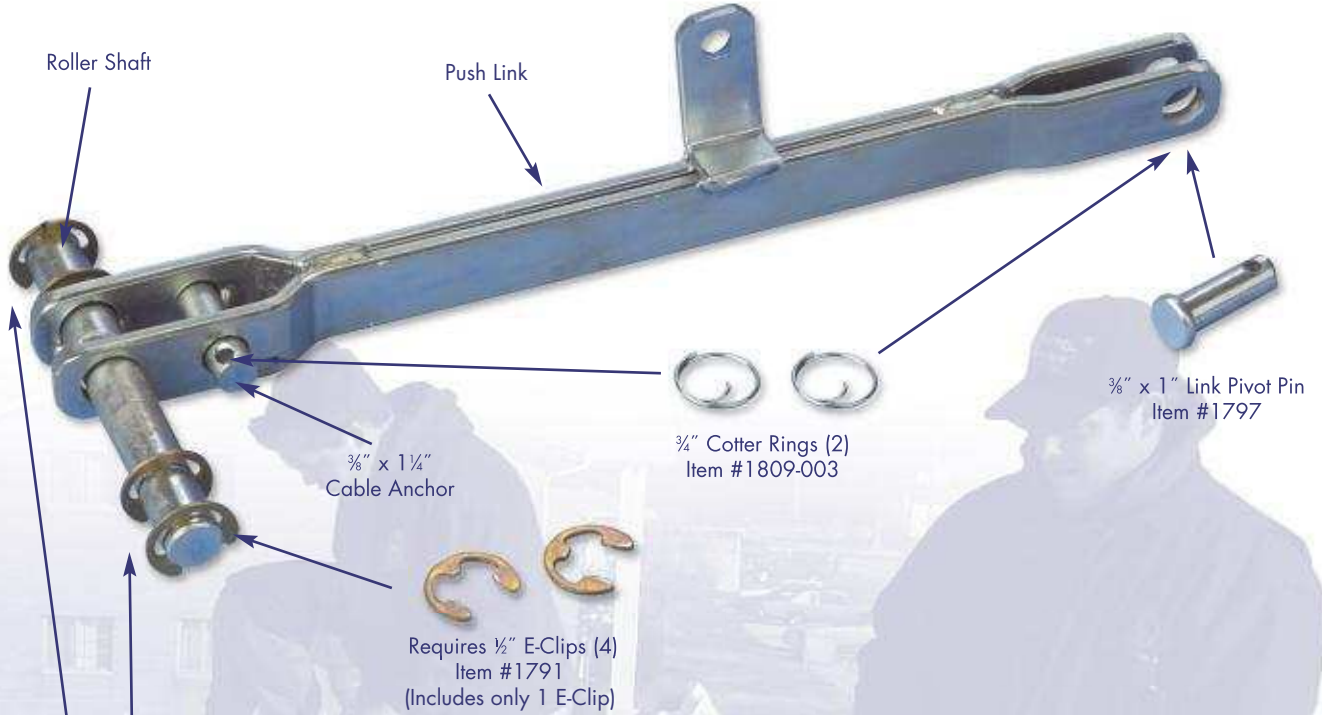
HANDLE ASSEMBLY KIT

1 Handle, 1 Grip, 2 E-Clips, 1 Handle Pivot Pin
Item #1789



PUSH LINK ASSEMBLY KIT

1 Roller Shaft, 4 E-Clips, 1 Cable Anchor, 2 Cotter Rings, 1 Link Pivot Pin
Item #1787



Sold separately.

Kit includes: Roller Shaft (2)
and $\frac{1}{2}$ " E-Clips (4).
Item#1798
(Requires 2 Rollers)



D/L STAND-UP GRIPULL®

Item #1784

An installation tool used on straight or 45-degree angles to align the Duro-Last material properly and to assist in removing wrinkles from the deck sheet.

Cannot be used in corners or on roof edges. Requires only one person to operate.

Note: Duro-Last requires that the original GriPull (Item #1800) also be used on the roofing project.



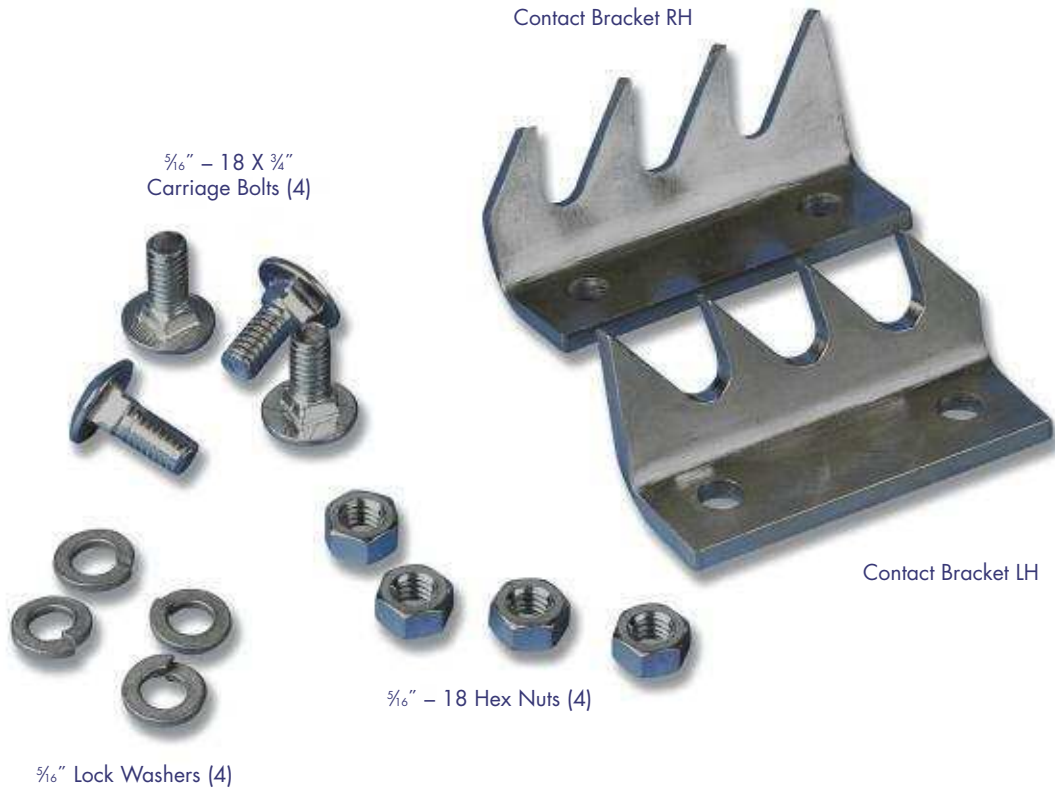
HANDLE ASSEMBLY KIT

1 Handle, 1 Grip, 2 E-Clips, 1 Handle Pivot Pin, and 1 Retaining Pin
 Item #1783



CONTACT BRACKET SET

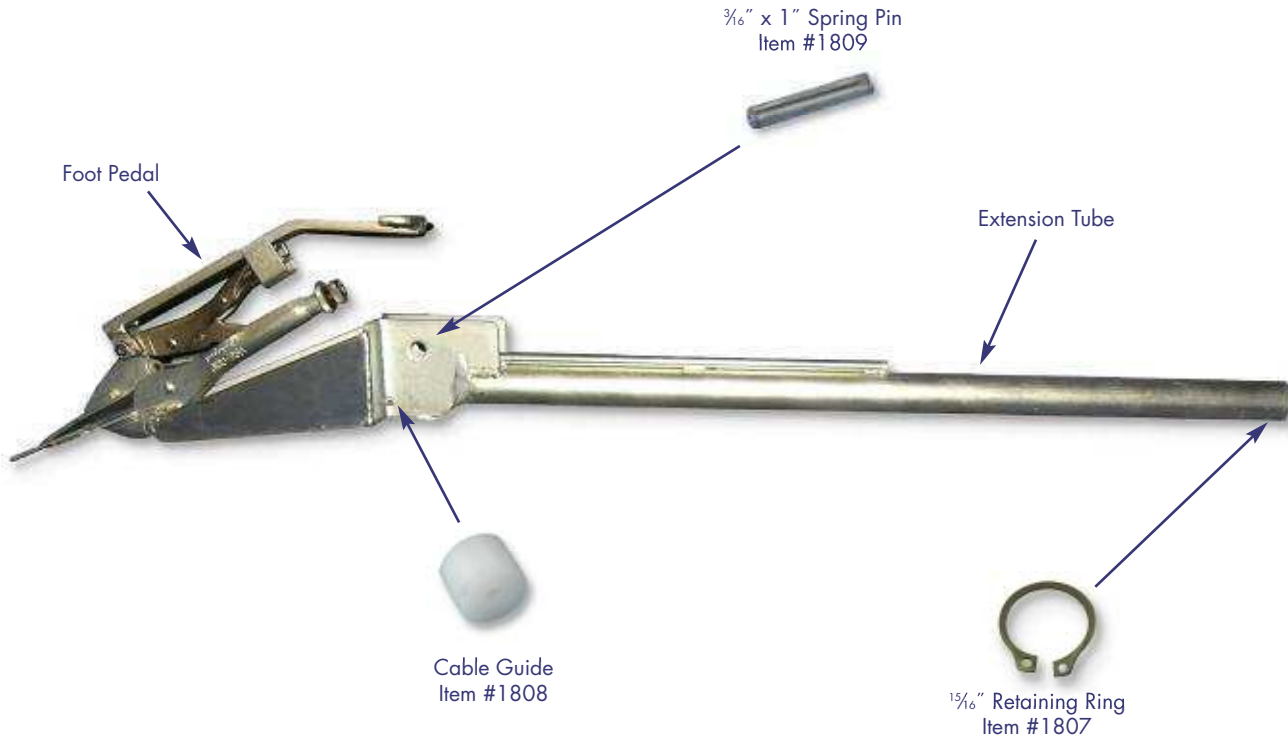
1 Contact Bracket RH, 1 Contact Bracket LH, 4 Carriage Bolts, 4 Lock Washers, 4 Hex Nuts
 Item #1785



EXTENSION TUBE ASSEMBLY KIT

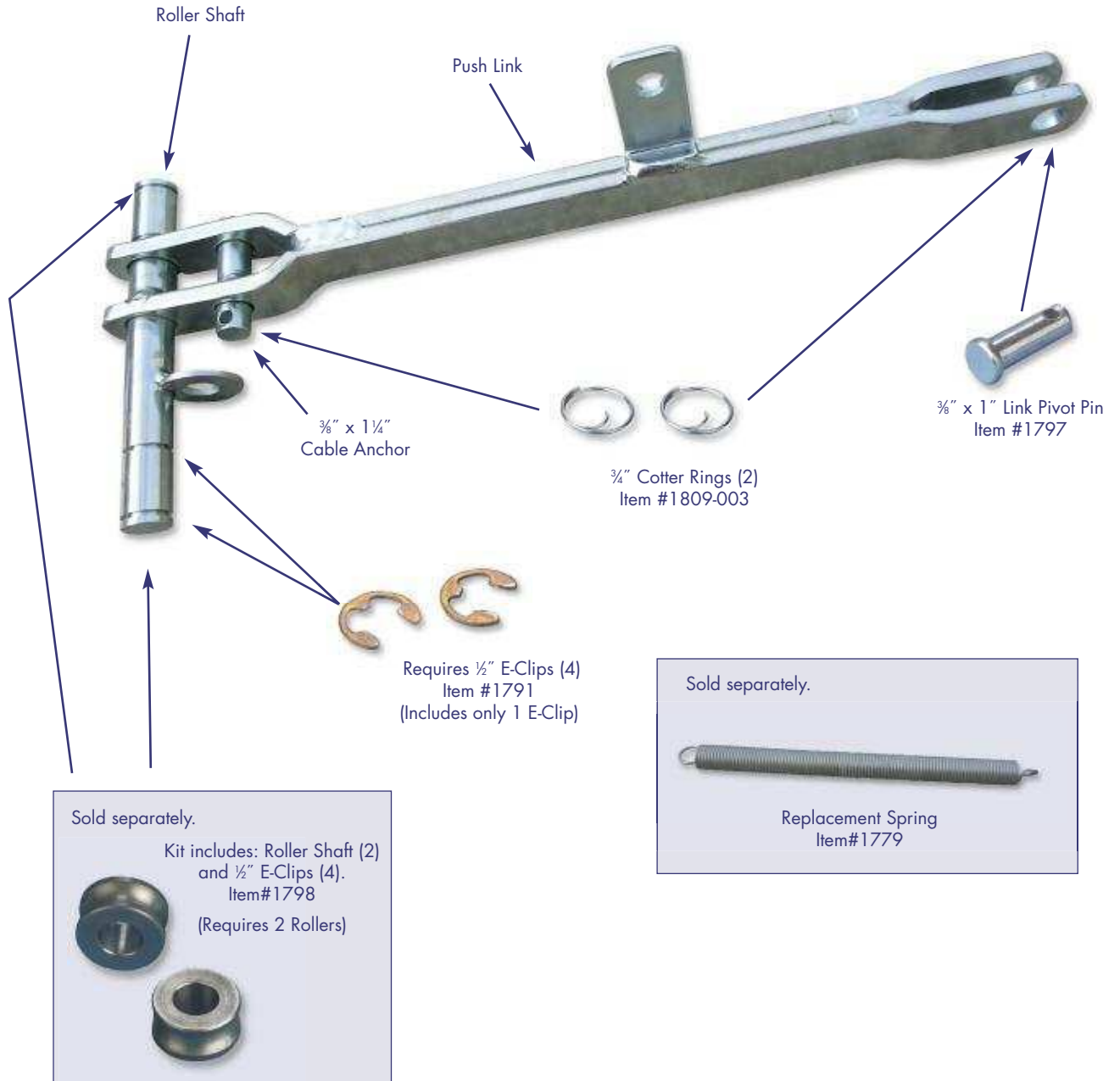
1 Vise Grip, 1 Cable Guide, 1 Spring Pin, 1 Retaining Ring, and 1 Foot Pedal
Item #1781

Note: Cable is sold separately.
(See below.)



PUSH LINK ASSEMBLY KIT

1 Roller Shaft, 4 E-Clips, 1 Cable Anchor, 2 Cotter Rings, 1 Link Pivot Pin
Item #1780





HILTI® SCREW GUN ST-1800

Item #1273

An adjustable torque screw gun that can be used with single self-drilling screws. The 18-position adjustable torque clutch reduces fastener overdrive, and the snap on/off adjustable depth nose provides consistent screw depth settings.

This screw gun also has a quick release bit holder for changing bits easily.



DURO-DRIVER PA (PRE-ASSEMBLED) FASTENING TOOL WITH STAND-UP MILWAUKEE® SCREW GUN

Item #1277

The Duro-Driver is an optional insulation and deck membrane-fastening tool that attaches to the Milwaukee® Screw Gun, and is designed to help increase production and decrease operator fatigue while fastening the Duro-Last roofing system and insulation. This tool uses pre-assembled Duro-Last screws and plates and contains a magnetic rod that holds the pieces together for installation.



(Drive Shaft can be purchased separately as a drop ship.)

TRU-DRIVE™ “SHORTY” ROOF FASTENING TOOL

(Drop Ship Only)

Meets the contractor’s need for a tool to drive #2 and #3 Phillips and hex head fasteners up to 12” in length with ease, speed, and accuracy.

The Tru-Drive™ Shorty is compact, lightweight, and offers simple, one-hand operation. Plus, it is suitable for use on flat or sloped surfaces and attaches to Milwaukee® 6792-20, DEWALT® SW 284 (requires an adapter), and Black & Decker® 2057 (requires an adapter) Screw Guns.

Note: When ordering the Tru-Drive Shorty Roof Fastening Tool, state the make, model, and brand name of the screw gun to be used with it in order to receive the proper adapter.

HILTI® TE-7C ROTARY, HAMMER DRILL

Item #1276-007

A corded rotary hammer drill that has full hammering power for fast drilling of SDS bits into concrete and masonry. The Hilti TE-7C has a lightweight, ergonomic design with padded grip and large variable speed switch.

This tool also offers precision rotary hammer drilling with 2/3 hammer reduction for drilling into materials such as marble and stone.





(SDS Bit)

(Straight Bit)

(TE-CX Bit)

DRILL BITS

All drill bits in the Duro-Last price list are available in $\frac{3}{16}$ " , $\frac{7}{32}$ " , $\frac{1}{4}$ " , $\frac{7}{16}$ " , and $\frac{1}{2}$ " diameters in the lengths shown on page 20.

Note: Deduct 2" for actual useable length.

Duro-Last carries straight (STR) bits, spline drive system (SDS) bits, and TE-CX bits. TE-CX bits are SDS bits that require a rotary hammer drill.

TE-CX drill bits have a solid carbide head for rounder holes, and up to 70% longer bit life. The double-helical fluting allows faster dust removal and less contact area with the hole wall. Less friction means less wear on the rotary hammer drill.

TE-CX drill bits also have larger markings for easier size identification and larger flute gullets for up to 15% increase in drilling speed.

Straight (STR) and spline drive system (SDS) drill bits are produced by DEWALT®, and TE-CX drill bits are manufactured by Hilti®.

Note: See chart on page 20.

Size	Bit Name/Type	Item #
3/16" X 3"	Masonry STR Bit	1632
3/16" X 6"	Masonry STR Bit	1633
3/16" X 12"	Masonry STR Bit	1804
3/16" X 6 1/2"	Masonry SDS Bit	1629
3/16" X 8 1/2"	Masonry SDS Bit	1635
3/16" X 10"	Masonry SDS Bit	1630
3/16" X 12"	Masonry SDS Bit	1640
3/16" X 6"	Hilti TE-CX SDS Bit	1730
3/16" X 8"	Hilti TE-CX SDS Bit	1731
3/16" X 12"	Hilti TE-CX SDS Bit	1732
3/16" X 16"	Hilti TE-CX SDS Bit	1733
7/32" X 6"	Masonry STR Bit	1631
7/32" X 12"	Masonry STR Bit	1637
7/32" X 12"	Masonry SDS Bit	1644
7/32" X 16"	Masonry SDS Bit	1645
1/4" X 4"	Masonry STR Bit	1266
1/4" X 4"	Masonry SDS Bit	1268
1/4" X 6"	Masonry SDS Bit	1643
1/4" X 4"	Hilti TE-CX SDS Bit	1734
1/4" X 6"	Hilti TE-CX SDS Bit	1735
1/4" X 8"	Hilti TE-CX SDS Bit	1736
1/4" X 12"	Hilti TE-CX SDS Bit	1737
7/16" X 6"	Masonry STR Bit	1267
7/16" X 6"	Masonry SDS Bit	1641
7/16" X 12"	Masonry SDS Bit	1642
1/2" X 6"	Masonry STR Bit	1271
1/2" X 12"	Masonry STR Bit	1272
1/2" X 6"	Masonry SDS Bit	1269
1/2" X 10"	Masonry SDS Bit	1270



2" SILICONE ROLLER

Item #1301

A roller used to put pressure on membrane material in the welding process as heat is applied.

NOTE: Either Item #1301 or Item #1301 ERG is required to install all Duro-Last roofing systems.

2" ERGONOMIC SILICONE ROLLER

Item #1301 ERG

An ergonomically-designed roller with a foam rubber handle used to put pressure on the membrane material when welding seams together. Available only from the Duro-Last Saginaw location.



SILICONE CONE ADAPTER

Item #1303

A rigid adapter that attaches to both styles of silicone rollers and is used for edges and corners that are difficult to reach.



TACK CLAW

Item #1197

A hand-held tool used for probing field-welded seams on a Duro-Last roof.

After completing a heat-welded field seam, it is necessary to probe the seam to ensure it is properly welded and watertight.

Duro-Last Quality Assurance personnel can instruct contractors on proper usage of this tool.





LEISTER® 1G3 TRIAC HEAT GUN WITH NOZZLE – 110 VOLTS

Item #1202

A lightweight welding tool that provides efficient welding capabilities. Features include electronic heating element protection and automatic motor shut-off. Comes with a 40mm nozzle.

Note: This tool is required to install all Duro-Last roofing systems.

LEISTER® 1G3 TRIAC HEAT GUN KIT - 110 VOLTS

Item #1201

Kit includes the Triac heat gun, a 40mm nozzle, an extra heat gun element, silicone roller, and tool box.



LEISTER® TRIAC DRIVE 120 VOLTS

(Drop Ship Only)

This compact semi-automatic welding tool is used for vertical and horizontal membrane welding, and comes with a 40mm nozzle. It is easy to handle, and has controlled temperature and speed.

Note: The Triac Drive requires a minimum of 1,650 watts to operate.



LEISTER® ELECTRON HEAT GUN 220 VOLTS

Item #1204

This welding tool allows for wider seams and is easier to use on smaller projects than the larger Leister Varimat Automatic Welder. The Leister Electron Heat Gun requires a minimum of 3,400 watts to operate, and 220 volts – double the voltage of traditional welders.

Note: Nozzle must be ordered separately.



LEISTER® 80MM NOZZLE

Item #1204-01

The nozzle for the Leister Electron Heat Gun-220 volts. The nozzle also comes with an attachable stand.

LEISTER® VARIMAT AUTOMATIC “WALKER” WELDER - 220 VOLTS

(Drop Ship Only)

An automatic welder that guarantees even distribution of pressure on uneven surfaces. The temperature and welding speed are electronically controlled, and are not affected by voltage fluctuations or variable ambient temperatures.

Temperature: 68° F to 1,148° F

Weight: 77 lbs.

Welding Width: 40mm

Welding Speeds: 1.64 to 16.4 ft./minute

Note: The Leister Varimat Automatic Welder requires a minimum 6,400 watt generator to operate.



PWT LAZR AUTOMATIC HOT AIR "WALKER" WELDER – 220 VOLTS

(Drop Ship Only)

An automatic hot air welder that allows you to weld the way you want with a handle that can be repositioned to weld while walking in front of or behind the machine. The American-made LAZR has a brushless drive motor and comes with a 2-year warranty. It includes a heavy-duty carrying case, front-end weights, a steering handle, and instructional video.

Temperature: Variable from ambient to 1,300° F

Weight: 85 lbs.

Welding Width: 45mm

Welding Speeds: 20 ft./minute

Note: The LAZR automatic hot air welder requires a minimum 6,000 watt generator to operate.





**GILLETTE® GENERATOR
MODEL GPN-125EH**
(Drop Ship Only)

A portable generator with maximum KW power of 12,500 watts and rated amps/120 VAC-92 and amps/240 VAC-46. This easy-to-use generator carries a Kleen Power® Wave signal (power is filtered) and is recommended for digital equipment. Its 620cc engine produces 20HP at 3600 RPM. The generator comes with a wheel kit and has a 3/4 load run time of six hours.

**GILLETTE® GENERATOR
MODEL GPN-125EH/VARIMAT
AUTOMATIC WELDER KIT**
(Drop Ship Only)

Kit includes Model GPN-125EH Generator, plus a Leister® Varimat Automatic "Walker" Welder, a 10-gauge line cord with inline GFCI, and matching ply ends for the generator and varimat.



HEAT GUN ACCESSORIES

NOTE: Many of the following accessories can be used for the new model (1G3) or old model (1A) Triac Heat Gun.



Heating Element

Item #1206

For use with Leister 1G3 Triac Heat Gun or Leister 1A Triac Heat Gun.



Triac Brush

Item #1199

For use with Leister 1A Triac Heat Gun. Sold individually. (Requires 2 brushes.)



Triac Brush

Item #1199-01

For use with Leister 1G3 Triac Heat Gun. Sold individually. (Requires 2 brushes.)



Screen & Louver Filter

Item #1200

For use with Leister 1A Triac Heat Gun. Sold as a set.

Heat Gun Accessories (continued)



40mm Triac Nozzle

Item #1207

For use with Leister 1G3 Triac Heat Gun or Leister 1A Triac Heat Gun.



20K Potentiometer

Item #1160

For use with Leister 1G3 Triac Heat Gun or Leister 1A Triac Heat Gun.



On-Off Switch

Item #1159

For use with Leister 1G3 Triac Heat Gun or Leister 1A Triac Heat Gun.



Cord

Item #1172

For use with Leister 1G3 Triac Heat Gun or Leister 1A Triac Heat Gun.

HEAT GUN REPAIR

Non-operational Leister Heat Guns can be sent to the Duro-Last corporate headquarters in Saginaw, Michigan to be repaired. Send heat gun(s) along with a paper stating your contractor number, contractor name, and the address you would like the heat gun(s) sent back to. Parts and/or labor charges may apply.

Send heat gun(s) and above information to:

Duro-Last Roofing, Inc.

Attn: Heat Gun Repair

525 Morley Drive

Saginaw, MI 48601



A Division of Duro-Last®
Roofing, Inc.



3" OFFSET HAND SEAMER

Item #3805

Used to flatten, seam, and bend sheet metal located in overhead or confined areas.

6" HAND SEAMER

Item #3806

Used to seam, bend or flatten sheet metal. Compound leverage handle offers greater holding power with less effort.



HAND RIVETER

Item #3808

Pulls 1/8" - 3/16" rivets. Nose piece is adjustable and can be used to pull rivets straight out in confined spaces.



HAND PUNCH KIT

Item #3807

Contains items needed to pierce up to 14-gauge mild steel. Kit includes dies in sizes 3/32" - 9/32". Also has an adjustable depth gauge for a maximum depth of 2".

Sheet Metal Tools (continued)



OFFSET AVIATION SNIP LEFT

Item #3802

Cuts left curves and straight lines. Offset design makes longer cuts with ease.

OFFSET AVIATION SNIP RIGHT

Item #3801

Cuts right curves and straight lines. Offset design makes longer cuts with ease.



PATTERN SNIP

Item #3803

A classic lightweight aluminum snip that is ideal for making long straight cuts.

6" SCRIBER

Item #3804

Accurately etches straight lines on sheet metal for cutting or bending. Adjustable in $\frac{1}{16}$ " increments up to $5\frac{1}{2}$ ".



EXCEPTIONAL® METALS SALES BRIEFCASE

Item# 3308

This professional sales briefcase contains samples of the most popular components manufactured by EXCEPTIONAL Metals.



EXCEPTIONAL Metals Sales Briefcase Contents



Gutter



Vinyl-Back Collector Box With Attached Scupper



Metal Flange Scupper



Metal Color Samples

— EXCEPTIONAL Metals Sales Briefcase Contents (continued) —



**4" 2-Piece
Compression Cover
& Fascia Base**



4" Flex Fascia Cover



4" Fascia Cover



T-Edge Plus



1 3/4" Fascia Cover



**4" 2-Piece
Snap-On Compression
Cover & Base**



**4" 2-Piece
Flex Snap-On
Cover & Base**



**Vinyl-Coated
Drip Edge**



“GWIZ-KIT” SALES BRIEFCASE

Item# 3309

This professional sales briefcase contains key components of the prefabricated Duro-Last roofing system, plus videos, CAD drawings, and other educational information – everything you need for a thorough sales presentation.

“Gwiz-Kit” Sales Briefcase Contents



Multimedia CD



Installation Proficiency DVD (English)



Comparison Sheets



Ultra-Fold



Nails and Screws

Duro-Fold



"Gwiz-Kit" Sales Briefcase Contents (continued)



Insulation Plate



Cleat Plate



Poly Plate



Steel Plate



3" Auger & Fastener



4" Vinyl Fascia Bar & Cover



1 3/4" Vinyl Fascia Bar & Cover



1 3/4" Metal Fascia Cover



4" Metal Fascia Cover



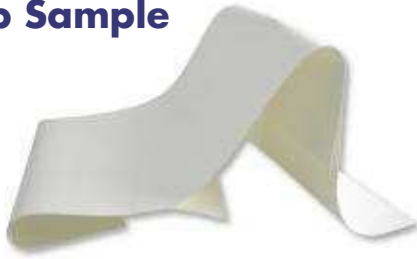
**4" 2-Piece Snap-On
Compression Base & Cover**



1 1/2" Term Bar

"Gwiz-Kit" Sales Briefcase Contents (continued)

Lap Sample



2" Gravel Stop



4" Gravel Stop



3" Stack



4" Drip Edge



Custom Curb



Material Samples



Walk Pads

SALES ENERGY COMPARISON KIT

Item# 3310

This professional kit illustrates a temperature comparison between the white Duro-Last membrane and an EPDM (dark) roof, using lamps to create heat. The kit demonstrates the high reflectivity and reduced surface temperature of the Duro-Last roofing system compared to competing roofing systems.



When using extension cords, special consideration must be given to their size and length. The following tips will help avoid any power shortages or problems.

- 1 Make sure you use the appropriate sized generator with no more than the maximum recommended cord length to accommodate the tools you will be using.
- 2 Use minimum #12 wire cord.
- 3 A maximum 200-foot cord can be used without a step-up transformer, and a #10-3 wire cord is recommended for running line to the roof. Then run #12-3 wire cord from this line.
- 4 One heat gun requires 15 amps of service, while two heat guns require 30-amp breakers operating two separate lines. Note: If the heat gun pulsates, the current is too low. Check the cord size, length, and amperage. Low voltage to a heat gun will limit the operating temperature.
- 5 A #12-3 wire has a 6-volt drop per 100 feet of extension cord.
- 6 A #10-3 wire has a 4-volt drop per 100 feet of extension cord.
- 7 The Leister Varimat Automatic "Walker" Welder requires a #10-3 wire cord.





VISIT US AT:
www.duro-last.com

CONTACT US AT:
sales@duro-last.com



CORPORATE HEADQUARTERS

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Fax: 800-432-9331

IOWA MANUFACTURING FACILITY

1409 E. SADC Avenue • Sigourney, IA 52591
888-500-3574
Fax: 888-501-3574

MISSISSIPPI MANUFACTURING FACILITY

6200 I-55 South • Jackson, MS 39272
800-434-3876
Fax: 866-602-4387

OREGON MANUFACTURING FACILITY

111 N. Valley Drive • Grants Pass, OR 97526
800-356-6646
Fax: 800-566-2698