

WWW.DENTFIX.COM

NEW TOOLS



Page
20

Page
15



Page
20

Page
21



Page
7



Page
9



Page
16



Page
21



Page
5



Page
21

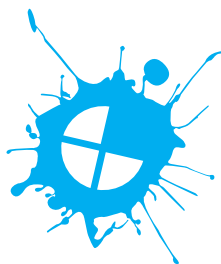


TABLE OF CONTENTS

MEASURING	<i>Tram Gauges, Body Line, & Gap Gauge</i>	2
PANEL REMOVAL	<i>Spot Weld Drills & Drill Bits</i>	4
PAINTLESS DENT REPAIR	<i>Rods & Glue Puller</i>	5
PLASTIC REPAIR	<i>Hot Stapler & Prying</i>	6
UNDERCOATING	<i>Large Decal & Coating Removal</i>	8
STEEL REPAIR	<i>Maxi, Stud Pins, & Wiggle Wire</i>	9
METAL WORKING	<i>Grinding, Hole Punch, & Shaping</i>	10
WELDING	<i>Clamps & Surge Protection</i>	11
ALUMINUM	<i>Panel Repair, SPR, Hammers, Dollies & Studs</i>	12
SHOP TOOLS	<i>Prop, Blow Guns, & Hand Brush</i>	18
CLEAN & DETAIL	<i>Tornador Pulse & Foam Gun</i>	19
NEWEST TOOLS	<i>Brand New Tool Offerings</i>	20



/DENTFIXEQUIPMENT



@DENTFIXEQUIP

1611 West 135th Street · Gardena CA 90249

Phone: (800) 523-1751 · Intl: (310) 349-1940 · Fax: (310) 349-1191

Email: info@dentfix.com · Website: www.dentfix.com

GENERAL WARRANTY INFORMATION: Our customers are extremely valuable to us and as such the following is just a basic policy. Common sense and customer satisfaction determine most warranty situations. Sometimes a tool can be repaired in the field, thereby reducing turn around time and freight costs. Please call our repair department before returning. **New Product Warranty Claims:** A product is considered new if it is in re-sellable condition. Re-sellable means that you are willing to take the tool back as new if we repair and re-package the tool for you. We will not add it back to our stock. All new products will be repaired or replaced and returned to you via regular freight pre-paid. Expedited return shipments are sent freight collect. Whether to repair or replace is at our sole discretion. **Used Product Warranty Claims:** A product is considered used when it has been used for more than 1 week and is no longer re-sellable. All used product warranty claims are to be returned to Dent Fix freight pre-paid. All used product will be repaired or replaced and returned to you via regular UPS freight pre-paid. Expedited return shipments are sent freight collect. Whether to repair or replace is at our sole discretion. **Air Tools:** All our air tools carry a 1-year warranty against manufacturing defects. Customer abuse, such as a lack of proper maintenance, and the damage caused therein is not covered under warranty. **Consumables:** Any item that by its nature or design that wears, gets used up or is permanently changed by its usage is considered a consumable item. Drill bits are a consumable item and as such carry no warranties expressed or implied. There are several procedures the user can implement in order to extend drill bit life, but ultimately the drill bit will break or dull. It is up to the technician to ensure proper usage. Items with Specific Warranties: 90 days, **DF-505/220V "The Maxi"**: 5 years on internal components, **DF-601A Surge Protector**: Lifetime – return for replacement if red L.E.D. does not light, **DF-900W Aluspot Welder** - 3 years. Warranty & Repair Info: 800-523-1751 • 1611 West 135th Street, Gardena CA 90249

Copyright © Dent Fix Corporation 2015-2016. All rights reserved. Dent Fix Equipment will incorporate design and construction change, including the discontinuance of product production or distribution, as necessary.

MEASURING



DF-3DX ▲

Easy read digital display measures in metric or American standard. Extremely accurate with a long measuring range.

Includes three (3) 350mm pointers, two (2) 110mm pointers, two (2) cone pointers, two (2) bullet pointers, four (4) AA batteries, and one (1) blow molded case.

TRAM REPLACEMENTS

DF-3DX

DF-301 - 350mm Pointers

DF-302 - 110mm Pointers

DF-309 - 700mm Pointers



DF-3 ▲

Accurate to $\pm 1.0\text{mm}$ with an easy to read tape measuring window. Swiss made.

Includes two (2) nylon storage bags, two (2) 350mm pointers, two (2) cone pointers, (2) right angle pointers, two (2) bullet pointers.

TRAM REPLACEMENTS

DF-3 ONLY

DF-311 ▶

Tram Shortener creates a new measuring point to achieve shorter measurement.



TRAM REPLACEMENTS

DF-3 & DF-3S

DF-121 ▶

Right Angle Pointers

DF-120 ▶

Bullet Pointers

DF-1180 ▶

Cone Pointers

DF-118 - 350mm Pointers

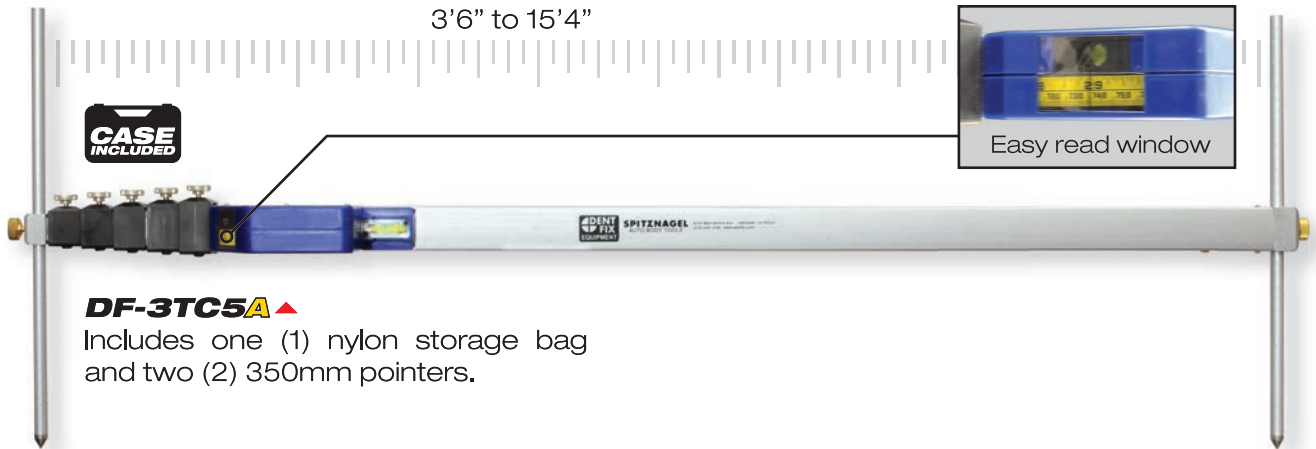
DF-118A - 280mm Pointers



DF-3S ▲

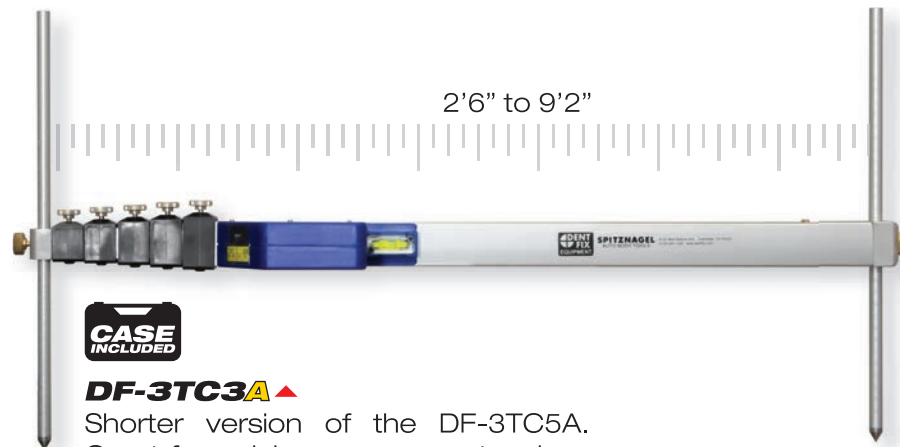
Accurate to $\pm 1.0\text{mm}$ with an easy to read tape measuring window. Includes one (1) nylon accessory storage bag, two (2) 350mm pointers, two (2) cone pointers, (2) right angle pointers, two (2) bullet pointers. Swiss made.

MEASURING



DF-3TC5A ▲

Includes one (1) nylon storage bag and two (2) 350mm pointers.



DF-3TC3A ▲

Shorter version of the DF-3TC5A. Great for quick measurements when estimating. Includes one (1) nylon storage bag and two (2) 350mm pointers.

TRAM REPLACEMENTS

DF-3TC5A, & DF-3TC3A

DF-301 - 350mm Pointers

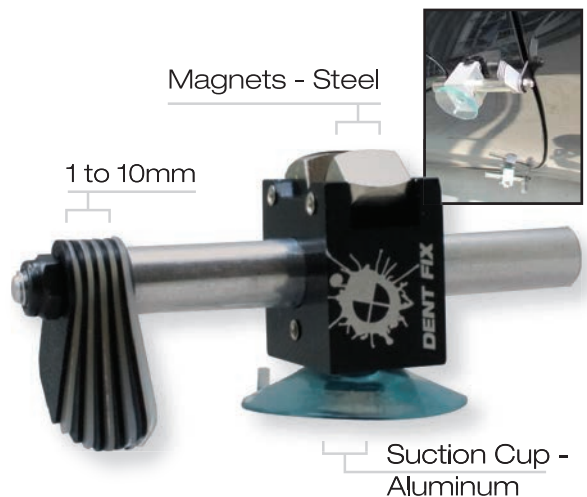
DF-302 - 110mm Pointers

DF-309 - 700mm Pointers



DF-BL10A ▲

Re-create fender curve lines perfectly every time with the Body Line Tool.



DF-PG213 ▲

The Perfect Gap Gauge eliminates the guess work and easily sets the gap width to the factory specifications. Two per pack.

PANEL REMOVAL



▲ **DF-15DX**

1000-rpm motor helps prevent burnt bits and is perfect for Higher Strength (HSS) and especially Boron Steels (UHSS).

The "Original Spitznagel" DF-15DX Spot Weld Drill that applies the cutting pressure pneumatically. You do not have to push on the drill bit. Our patented valved cylinder applies gentle pressure toward the panel. When the drill bit starts to turn even more pressure is applied. This "Smart" pressure valve helps prevent slamming of bits and applies correct consistent pressure from the first to the last spot weld, ensuring the long life of your bits by preventing breakage. Using the large blue adjustment ring on the

drill, you may set your drilling depth.

Kit Includes:

(1) DF-1480,
(1) DF-1680T,
(1) DF-1680TC,
(1) DF-1610T,
(1) Pneumatic Oil kit,
& (1) blow molded case.



Spot Weld Drill Bits for 3/8" Drill Chuck



▲ **DF-1730**

8mmx80mm, High Speed Colbolt

BORON

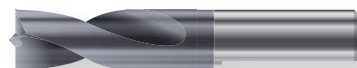


▲ **DF-1690**

8mmx45mm

Layered Tungsten-Carbide

HARD
EDGE



▲ **DF-1680TC**

8mmx45mm

Titanium Carbon Nitride

HARD
EDGE



▲ **DF-1610TC**

10mmx45mm

Titanium Carbon Nitride

HEAT
RESIST.



▲ **DF-1680T**

8mmx45mm

Titanium Nitride

HEAT
RESIST.



▲ **DF-1610T**

10mmx45mm

Titanium Nitride

HSS



▲ **DF-1465**

6.5mmx45mm

High Speed Cobalt

HSS



▲ **DF-1480**

8mmx45mm

High Speed Cobalt

HSS



▲ **DF-1610**

10mmx45mm

High Speed Cobalt



▲ **DF-1780T**

8mmx80mm, Titanium Nitride

PAINTLESS DENT REPAIR

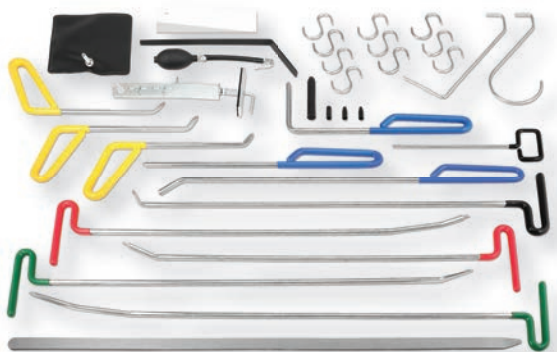


◀ **DF-DB79K**

Dead Blow Hammer kit for PDR. Gently knock down high spots and/or remove glue residue with the chisel end. Includes blow molded case and six (6) tips: Brass Flat and Round, Aluminum Round, Steel Round, Plastic Flat, and Rubber Round.

DF-DB69▶

The unique all-in-one Dead Blow Hammer that is three paint-less dent repair (PDR) tools in one. Rubber and steel heads with a chisel tip for removing glue residue.



DF-PDRKIT33▶



If you are looking for a selection of the tools that will make access easy, this is it. Contains an essential gathering of 33 expertly designed pieces including professionally crafted PDR rods and hangers in stainless steel. The right tool for the job means better results and this is it. Includes canvas case.

DF-DM510DBY▶

Yellow back ding board for high visibility and contrast while indoors. DF-DM510DBW - Outdoors



◀ **DF-DM550DX**

Pulling glued tabs is the easiest means of Paint-less Dent Repair

Glue pulling paint-less dent repair is a simple and non-intrusive method for repairing dent indentations, dings, and hail damage. The Ding Messenger Deluxe is the most complete kit on the market.

1. Thoroughly clean the dented area, let the area completely dry.
2. Heat and apply generous amount of glue to the desired pull nib.
3. Float tab in glue above, but not pressing the panel. Hold in place until it holds.
4. Attach slide hammer or squeeze puller to the tab once the glue is hardened and massage or tap the dent out.
5. Remove glue with the included release agent and plastic chisel.



Only conduct PDR repair on OEM paint with no splits or cracks.

DF-DM550DX REPLACEMENTS

-  **DF-DM520GS** - Original Glue (Amber, 10 pc)
-  **DF-HS10** - High Strength Glue (Red, 10 pc)
-  **DF-PG10** - Prof. Strength Glue (Yellow, 10 pc)
-  **DF-EC10** - E-Coat Glue (Blue, 10 pc)
-  **DF-DM520DT** - Variety Nibs
-  **DF-DM521/ONS** - Oval (S) 34x22mm
-  **DF-DM521/ONM** - Oval (M) 40x27mm
-  **DF-DM521/ONL** - Oval (L) 48x27mm
-  **DF-DM521/RNS** - Round (S) 30mm
-  **DF-DM521/RNM** - Round (M) 35mm
-  **DF-DM521/RNL** - Round (L) 40mm
-  **DF-DM521/CNS** - Convex (S) 15mm
-  **DF-DM521/CNM** - Convex (M) 20mm
-  **DF-DM521/CNL** - Convex (L) 25mm
-  **DF-DM521/SNS** - Square (S) 32.5 x 22.5mm
-  **DF-DM521/SNM** - Square (M) 37.5 x 25mm
-  **DF-DM521/SNL** - Square (L) 50 x 22.5mm



DF-DM520DT pictured

PLASTIC REPAIR



Cordless
Plastic Repair Assistant

DF-850CL ▲



Cordless Hot Stapler is a premium rechargeable NiMh battery powered plastic repair tool & kit. Includes seven (7) styles (50 of each style) of StapleClips, plastic fill rods, one (1) finishing iron, & one (1) blow molded case. 110 Volt operation/charging.



DF-800BR ▲



Original Hot Stapler saves thermoplastic parts from the trash by repairing cracks and hanging tabs. Includes seven (7) styles (50 of each) of StapleClips, plastic fill rods, one (1) finishing iron, & one (1) blow molded case. 110 Volt operation.

HOT STAPLER REPLACEMENTS

DF-800FR - Plastic Fill Rods

Breakaway Staple Clips



M-Clip: Outside Corner

DF-800MC/50 - M-Clip 50 pc

DF-800MC/250 - M-Clip 250 pc



S-Clip: Stitch Holes

DF-800SC/50 - S-Clip 50 pc

DF-800SC/250 - S-Clip 250 pc



Z-Clip: Stitch Tears

DF-800ZC/50 - Z-Clip 50 pc

DF-800ZC/250 - Z-Clip 250 pc



U-Clip: Rounded Corner

DF-800UC/50 - U-Clip 50 pc

DF-800UC/250 - U-Clip 250 pc



W-Clip: Grip Corner

DF-800WC/50 - W-Clip 50 pc

DF-800WC/250 - W-Clip 250 pc



V-Clip: Inside Corner

DF-800VC/50 - V-Clip 50 pc

DF-800VC/250 - V-Clip 250 pc



N-Clip: High Vibration

DF-800NC/50 - N-Clip 50 pc

DF-800NC/250 - N-Clip 250 pc



DF-400BR ▲

Basic Hot Stapler Kit is simple to operate with 3 heat settings. Kit includes four (4) styles (50 of each style) of StapleClips & clear plastic case.

**BREAKAWAY®
STAPLECLIPS®**

All seven varieties of Dent Fix Equipment's Breakaway® StapleClips® have a small design element that will cut cycle time and save technicians extra steps. The leads are notched, like someone took an ax to a tree, allowing them to be snapped off with a hand, instead of having to go back over with snips. The time savings does not stop there: if sunken deep enough the leads will break below the surface of the plastic eliminating the need to go back over with a file later. Over time these simple improvements make the difference in profitability and not going over the allocated time.

PLASTIC REPAIR



DF-CT888 ▶

Install hard to reach plastic rivets with the 360 degree rotational head on the Swivel Slimline Plastic Riveter. Includes 5.0mm & 6.3mm rivets and blow molded case.



DF-CT887 ▶

Slimline Plastic Riveter can clear a 2" wheel arch gap or opening. Includes 5.0 & 6.3mm rivets.



DF-623TPS ▲

Deluxe Trim Scraper Set is a versatile 27 piece collection of trim panel removers. Roll up canvas case included. Sold as set, not individually.



DF-621TPS ▲

Trim Panel Popper Set (12 pc) with clip removers & a dead blow hammer. Includes a blow molded hard case. Sold as set, not individually.



DF-620TPS ▲

Trim Panel Scraper Set (12 pc) can easily and safely remove trim pieces. Hangable canvas case. Sold as set, not individually.

DF-WK20 ▶

Perfect for glass, door wedge, and molding removal. Non marring.



DF-609 ▶

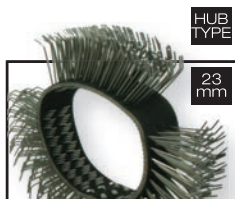
Utility Wedge Set is a door wedge or used for molding removal. 30 & 60mm wedge and clip tool.



UNDERCOATING

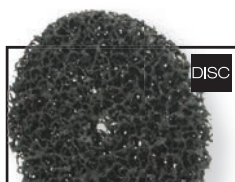
DF-702C ▶

Coarse Brush
Seam Sealer & Gaskets
11mm: DF-702C11



DF-710BW ▶

Fiber Discs - 6 pc
Paint & Rust



DF-702SF ▶

Stainless Steel (Fine)
Aluminum & Fiberglass
Firm: DF-702SM



DF-705D ▶

Offset Decal Eraser
Large decals



DF-705 ▶

Softer Decal Eraser
Large decals



DF-701 ▶

Right Angle Undercoat Remover is the most popular alternative to the DF-700DX. Variable speed control for eraser use. Kit includes three (3) Coarse Brushes (DF-702C), one (1) Decal Eraser (DF-705), and (1) one 23mm Hub (DF-702H23).

ELIMINATOR

INLINE UNDERCOAT AND DECAL REMOVER



CASE INCLUDED

DF-700DX ▶

Eliminator Inline Undercoat and Decal Remover Kit is an easy and fast way to remove decals with no paint burn. Change the wheel to strip rust, paint, seam sealer, gaskets. Kit includes one (1) Original Decal Eraser (DF-705), one (1) Offset Decal Eraser (DF-705D), six (6) Fiber Discs (DF-710BW), Single (DF-710BHS) and Double Disc (DF-710DHS) Hubs, one (1) Coarse Brush (DF-702C), one (1) Fine 23mm Brush (DF-702SF), one (1) 11mm Coarse Brush (DF-702C11), one (1) Fine Brush (DF-702F11), and a blow molded case.



Fiber Discs used to remove paint

DF-700DX REPLACEMENTS

Hubs

DF-702H23 - 23mm Hub

DF-702H11 - 11mm Hub

DF-710BHS - Single Disc Hub

DF-710BHD - Double Disc Hub

Drive Belt

DF-700/34 - Orange Ring (pictured)

DF-MBXPT51R - Red Ring

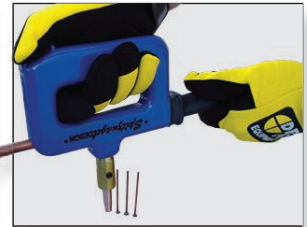
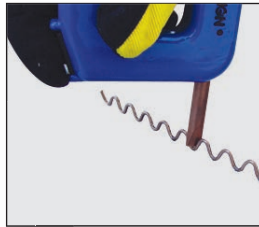
DF-MBXPT51B - Blue Ring



STEEL REPAIR



* Shown
with DF-509
Optional Stand



◀ DF-505/220V

Just WELD • PULL • TWIST! The Original MAXI is the ultimate 220 volt single phase steel dent pulling station. The technician will produce a cleaner, better steel panel repair and noticeably increase efficiency and productivity. Taking the idea of a stud welder one step further, this versatile tool will weld pins, weld a slide hammer directly to the panel, weld a light pulling rod, weld wiggle wire for impressive even crease pulling, weld a rod for leverage pulling, and shrink steel panels. Pictured with the optional Maxi Stand that raises the tool and has dual mounted hooks that are perfect for hanging the cable. Available for purchase separately (DF-509).

DF-505/220V includes: (2) pulling rods, (2) slide hammer rods with a strike weight, shrinking electrode, stud pin electrode, wiggle wire weld tip, nine & four finger bear claw, (50) stud weld pins, 1 Lb. of wiggle wire, 21" power cable, & 9" of welding cable. Stand sold separately (DF-509).

DF-505 MAXI REPLACEMENTS

Grounding

DF-GM - Magnet Ground

DF-GC - Vise Clamp Ground

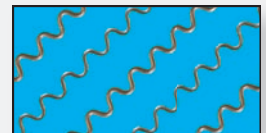
Wiggle Wire

DF-508 - Thin / .5 lb

DF-508TK - Thick / .5 lb

DF-507 - Thin / 1 lb

DF-507TK - Thick / 1 lb



TOTALSTIK

Stud Pins

DF-20 - 2.0mm / 1,000 pc

DF-20/500 - 2.0mm / 500 pc

DF-26 - 2.6mm / 1,000 pc

DF-26/500 - 2.6mm / 500 pc



FULL VALUE

NEW

Stud Pins

DF-22FV - 2.2mm / 500 pc

DF-26FV - 2.6mm / 500 pc



METAL WORKING

DF-903 ▶

Ring Hammer with 3 hammer heads is a fast and easy to use multi-tool. Fits into the first knuckle.



◀ DF-516PF

Punches 8mm holes in 18 gauge steel. Swivel head for flanging.
 8.0 mm
 4.5 mm available: DF-316PF

DF-516 ▶

Depth adjustable hole punch pliers cuts up to 18 gauge steel and produces a 8mm hole.



◀ DF-8

Punch a 6.5mm hole in steel, up to 18 gauge. Deep throat allows for more room from the edge.
 6.5 mm



DF-MP050K ▲

6-in-1 Pneumatic Punch/Flange Kit includes punch (4.0, 5.5, 6.5, & 8.0mm), 8.0mm deep punch, and flange heads.



DF-HD0140 ▲

Flexible Fender Puller shapes to the curve of the fender with two hinged side hooks. Pulls 1.5 ton and core supports.



DF-i9315CR ▶

Pneumatic Corner Grinder with angled face & extra long handle gets into tight work spaces. 15,000 RPM, 6.3 bar, 90 PSI.



DF-i9209 ▶

Laser Weld Cutter removes long linear laser welds in steel or aluminum. Depth adjustable with a distance guide. Pneumatic operation. Replacement burrs: DF-i9209CBA (Aluminum), DF-i9209CB (Steel).

ALU-PERFECT

DF-C3812 ▶

The cooling holes provide a clear view of work area & helps the Kool-Cut Sander scoop the air to cool the panel and prevent heat warping.



WELDING



DF-LP21

Anchor Bite® Fabrication Pliers are one of those tools that helps you realize “Wow! What was I doing with out these?”. The three piece pliers set provides a wide range of clamping options. Each plier has four position, instant opening adjustment that gives the tech quick and easy adaptability to many job applications. Once the job is finished use the quick easy release handle on the back of the handle. Three piece set.



DF-LP24 Pictured

Available separately:
Snub (DF-LP22), Long (DF-LP23), and Swivel Tip (DF-LP24).



Snub



Long



Swivel Tip

DF-MC201

Micro Welding Clamps generate strong clamping force. Great low profile for securing panels for pinch/spot welds. Four per pack.



DF-BC200

Butt Welding Clamps are essential for proper MIG brazing. Four per pack.



Thickness adjustment



DF-601A

Surge Protector protect against surges to the vehicle's electronic systems. Lifetime warranty. Works on 12 & 24 Volt systems. Do not use on hybrid vehicles.



Wheel Arch/
Fender Lip

Wedge
amplifies the
force applied

Easy to reach
adjustments

DF-WA202

Wheel Arch Clamps are used to clamp hard to reach access points. Four clamps per pack.

ALUMINUM

Always keep in mind aluminum is not more difficult, it is just different than steel. Cross contamination is the enemy. An isolated work station, proper ventilation, and aluminum dedicated tools are the best way to prevent cross contamination. Follow these five simplified steps for repairing a dent in an aluminum panel: expose, apply heat, weld pins, pull, and shape.

Like any new repair process it is awkward at first and then after practice it becomes second nature.

1. Expose

After setting up an isolated work station for aluminum work, the next step is to get started removing the paint from the panel and revealing the bare aluminum. Later studs will be welded to the panel which attach to pull fingers and a puller tool to reverse the dent. Direct contact with the metal is necessary for the stud to weld properly. Aluspot Aluminum Repair Station includes a pneumatic in line removal tool with coarse wire wheel to quickly remove the paint. Only remove the paint from the damaged area and leave the undamaged areas untouched. By doing this it reduces the respraying process time and the chance of cross contamination. Stay away from stud welders with separate grounds because they require the removal of additional paint which means more time in the spray booth blending in different areas instead of in one area. The Aluspot's stud welder has the ground on the gun to eliminate the unnecessary step of removing paint for a ground point.



2. Apply Heat

Aluminum behaves differently than steel. Change the shape of a steel part; it remembers the form it used to be in. The opposite is true when working with aluminum. Once it is reshaped, it forgets its original form and will take on a new shape. It is a work hardened material meaning,

when aluminum is stamped into shape it becomes stronger. After the panel is bent in a collision it becomes stronger still. Flex it too much and it breaks or cracks like a bent spoon. In order to repair and pull the damaged area, the panel must be heated. Heat the panel with a digital set heat gun to the manufacturer's suggested heat range (400°-570° F).



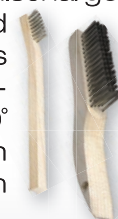
Monitor temperature, aluminum melts at 1,200° F and does not glow when hot. Use a laser temperature monitor pointed at a painted surface next to the dent for an estimated temperature. Laser monitors work best on non reflective surfaces. For



a more accurate reading, before heating the panel, use a black felt tipped marker to make a one or two inch square marking on the bare aluminum next to the dent, to use as a spot the laser measuring point. Another option is to use temperature detecting crayons.

3. Weld Pins

First determine what series alloy was used to create the panel. Series 5 is the most commonly used series alloy, the 2015 F-150 is a great example. For dent repairs, the DF-900PM Alu-Magnesium Stud Pins are needed for a proper weld with Series 5 panels. Exotic cars mostly use Series 6, thus for dent repairs the DF-900PS Alu-Silicon Stud is most likely needed in order to correctly weld. The Alu-Magnesium Studs do work with some Series 6 panels. Without exposing the stud pin to the oil from human skin (use a glove), promptly place the stud pin the high capacity discharge welder gun with the pointed end sticking out. Aluminum oxidizes very quickly, in fact almost immediately. The oxide melts at 3,500° F and, if it is not removed from the weld site it will inhibit the pin from correctly welding to the



ALUMINUM

panel. Always remove the oxidation before welding stud pins with a stainless steel brush and a couple swift brush strokes against the panel. Weld the pin to the panel by placing the pin and two grounds perpendicular to the panel. Push down on the handle to trigger the weld process. The stud will be firmly attached to the panel and ready for finger pullers and dent pulling.

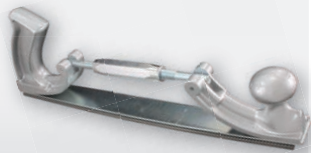


4. Pull

Depending on how big the dent is and where it is located on the vehicle will determine what type of puller to use and where to weld the pins. Large impact areas require the Bridge Puller (DF-900BP) or Lever Puller (DF-900LP) to be used with the stud pins welded on the outside. Pull Fingers are attached to the threaded side of the pins and then more pins are placed working towards the impact area. The quick engage/disengage feature on the Dent Fix Pull Fingers save time and frustration over the



screw on eyelet fingers. The solid construction ensure the hooks will hold once they are pulled. The Aluspot also includes a Squeeze Puller and T-Puller for smaller and delicate pulls. The Squeeze Puller can lock in place to hold a pull while the panel is heated or lightly tapped with a hammer. Once the dent is close to original Clip of studs with the Stud Cutter and file off the stump of the stud pin.



5. Shape

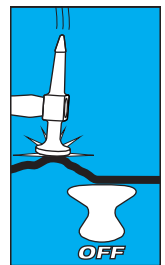
Using a hammer and dolly to shape the panel requires access to the back of the panel. Do not use the hammer and dolly method against things like hood supports. Be sure to only use aluminum dedicated tools when shaping in order to reduce the chance of cross contamination risks like galvanic corrosion.



Appropriate dolly and hammer combination is determinant upon the damage area location and severity. The Hammer-Off Dolly technique is highly recommended when working on aluminum and is used

to smooth out the high or low spots left from stud pulling cannot get out. In this example the majority of the dent is reversed using a stud and puller method however, a hammer and dolly can also be used to repair smaller dents as long a

heat is applied beforehand. Polished stainless steel hammers are great for aluminum and provide a heavier strike but should be used with a Hammer-Off technique. There are aluminum head hammers and POM nylon dollies that offer a much softer strike which comes in handy for fine adjustments. Once a tech is experienced Hammer-On Dolly technique can be utilized. For more information on Hammer-On vs. Hammer-Off Dolly technique see the explanation on page 16. Once the damaged area is returned to as close to original as possible use an aluminum safe epoxy filler and sand smooth to get ready for paint.



ALUMINUM



◀ **DF-900DX**

Aluspot Deluxe Aluminum Repair Station is the Dent extraction approved for the F-150. The Dent Fix Aluspot Repair Station has been the number one tool station on the market since 2006.

Includes all of the following tools:

Inline Pneumatic Paint Remover & Fiber Discs

Stainless-steel Shoe Handle Brush & Tooth Brush

Digital set temperature Heat Gun & Infrared Temperature Gauge

110v Capacitor Discharge Stud Welder (electrostatic type) with a self-contained weld gun with ground

Alu-Magnesium & Alu-Silicon stud pins

3 Drawers

Hand T-Puller, Squeeze Puller Lever Puller, & Bridge Puller

Body File + 350mm Blade, Stud Cutter, & Safety Glasses

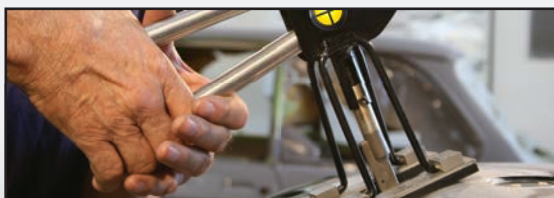
Pick/Finishing Hammer, Curved Pein/Finishing Hammer, Reverse-Curve Hammer, 22mm Soft Face Hammer & 35mm Dead Blow Hammer

Bolster-Head Nylon Chisel Round-Head Nylon Chisel, Double-End Nylon Dolly, Utility Dolly, Double-End Dolly, Thin-Toe Dolly, Heel Dolly, & Curved Dolly

Storage Drawer & Dust Cover

5 year warranty.

Components proudly made in the USA.



ALUMINUM



DF-358 ▲

Stud Cutter Plier (8") provides powerful cutting capabilities on the aluminum stud removal. Cut is made very close to the panel to eliminate extra grinding. Now included in the DF-900DX & DF-900DX/E.



DF-900PF ▲

"Quick + Easy"

Pull Finger that quickly attaches to a welded pin for dent pulls on aluminum panels. Attaches and disengages much quicker than screw-on type pull fingers. Sold individually.



For 5 Series
Aluminum Panels

Alu-Magnesium M4x25mm

DF-900PM - 500 pc

DF-900PM/250 - 250 pc



For 5 & 6 Series
Aluminum Panels

Alu-Silicon M4x25mm

DF-900PS - 500 pc

DF-900PS/250 - 250 pc



More
Drawers

DF-900DX/E ▲

Everything that comes with the Ford approved DF-900DX is included plus 2 extra drawers means extra storage, heat gun holster, and power strip.



Also Available:

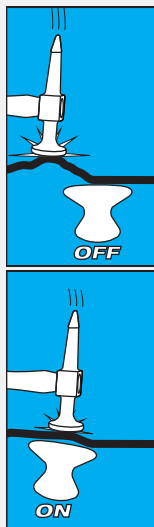
Already own a DF-900DX and want extra storage? The Upgrade Kit DF-900DX/UK converts the DF-900DX into a DF-900DX/E. Mounting holes may need to be drilled!



ALUMINUM

HAMMER-ON DOLLY VS HAMMER-OFF DOLLY

When used properly, the two metal working techniques are very effective at repairing aluminum panels. The Hammer-off dolling technique is used when first returning the dent to the original shape. Use the first in, last out rule which means to work the dent in reverse, starting outside of the dent and working towards the point of impact. The tools best suited for hammer-off are highly polished steel hammers and rubberized dollies with a steel core (DF-AB711). Hammer-on is used by experienced technicians with lightweight aluminum hammers (DF-AH714) and Nylon dollies (DF-AB712) when smoothing the metal into its final position. Light tapping is used to finish. Aluminum can easily stretch too thin beyond repair so use extreme caution.



DF-AH714 ▲

The Aluminum Hammer Set helps technicians avoid unlike metal cross contamination on aluminum panels. Lightweight, solid aluminum head, hammers produce a more forgiving strike changing the way you work. Compared to heavier steel hammers users are less likely to stretch aluminum body panels. Genuine hickory oval handles. Kit includes a pick and finishing hammer (40mm round face), a curved pein and finishing hammer (40mm round face), and a standard bumping hammer (40.5mm round face, 38mm square face).



DF-AB712 ▲



POM Nylon Dolly Set is perfect for aluminum panel use. The high abrasion resistance and non-corrosive interaction with aluminum allows technicians to work on the automotive models with aluminum panels and hoods. Blow molded case is included for isolating the dolly set. Sold as a set, pieces not sold individually.



DF-AB711 ▲

Rubberized Dolly Set has less maintenance than steel dollies. The steel core in each dolly has a dense rubber covering that absorbs the harsh impacts. Works perfectly for aluminum or steel work. Isolate the dollies in the included blow molded case. Sold as a set, pieces not sold individually.

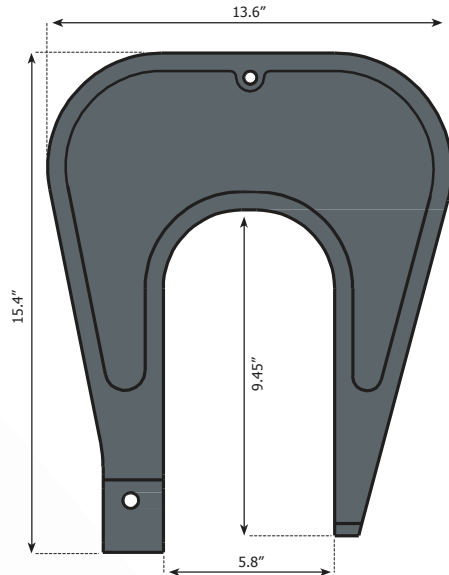
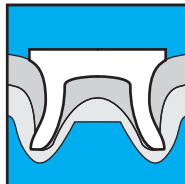
ALUMINUM



DF-SPRHR2

DF-SPR67 ▲

Self-Piercing Riveter (SPR) is used for joining aluminum panels together with the cold forming technique that requires no heat, no pre-drilled holes. Dent Fix's Self-Piercing Riveter is a reliable tool for riveting panels (up to 6.5mm) together with high dynamic strength. The pressure and speed controls increases accuracy and enables the rivets to be inserted without panel distortion. Ergonomic design allows for easy and comfortable use. Kit includes matrices (3mm SPR, 5mm SPR, Extracting, and Flow Form), 2 matrix keys, strap, HR2 arm (DF-SPRHR2), a sample box of a variety of self-piercing rivets, and a carrying case. Pneumatic operation (up to 8 bar) ensures continual pressure. Three optional arms available separately: HR1 Arm (DF-SPRHR1), HR1S (DF-SPRHR1S), and HR3 (DF-SPRHR3).

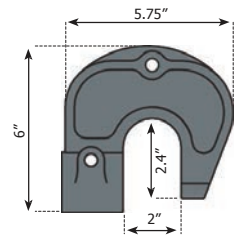


DF-SPRHR3 ▲

Optional Large Arm for the DF-SPR67.

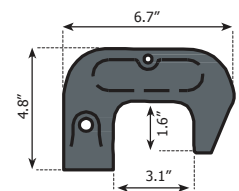
DF-SPRHR1 ▶

Optional Small Arm for the DF-SPR67.



DF-SPRHR1S ▶

Optional lower profile Small Arm for the DF-SPR67.



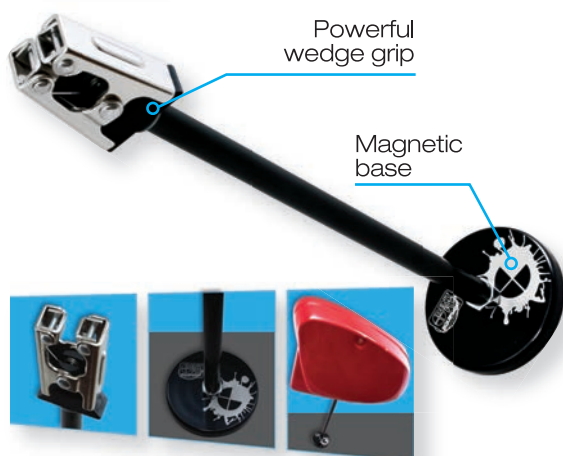
DF-SPR68WS ▶

Resting stand for stable changing of matrices.



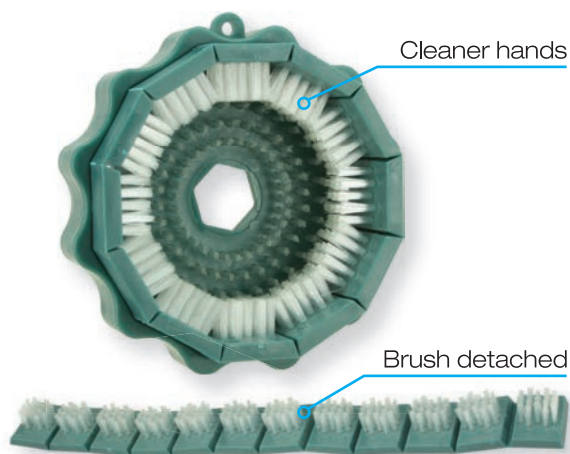
DF-SPR67
sold
separately

SHOP TOOLS



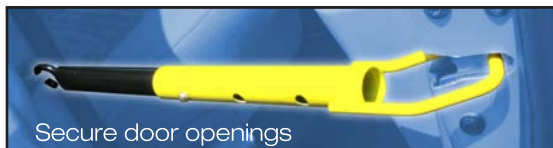
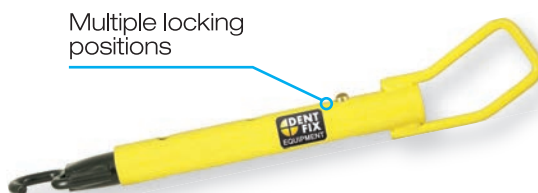
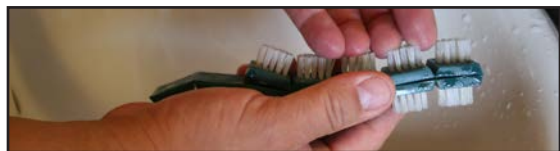
DF-PC203 ▲

The powerful Magnetic Paint Clamp is a strong, professional, and fast method for securing parts for a controlled spray painting. Includes one piece.



DF-FB100 ▲

Thoroughly cleans hands after a dirty job. Removable brush unfolds for large areas or folded for under nail cleaning. (Illustrated below). Includes one piece.



DF-DPS1 ▲

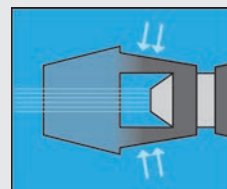
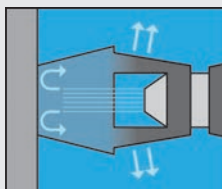
Door Prop Stick secures a door, hatch, or hood in one position. Works great for PDR. Three adjustment settings, good for left or right use.



DF-BG602 ▲

Mini Blow Gun with rubber tip. Easily fits in a pocket or clips to a belt loop.

VENTURI TIP



DF-BG600 ▲

Turbo Venturi Blow Gun with pistol grip.



DF-BG601 ▲

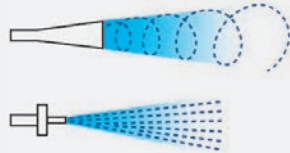
Mini Blow gun with venturi tip.

CLEAN & DETAIL

Tornador



Pulse Cleaning
Action vs. Other



DF-Z010 ▲

Tornador Pulse Cleaning Gun with reservoir is excellent for soft surface cleaning and efficiently delivers additives in a fine mist.

Available with brush cone nozzle: DF-Z010B. Great for hard surfaces.



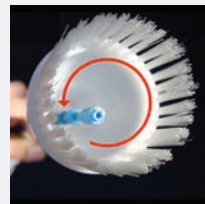
DF-Z014 ▲

Tornador Pulse Cleaning Gun's pulsation of air will beat the dirt out.



DF-Z011 ▲

Instant Foam & Snow Gun generates suds for gentle application. Complete coverage with limited waste.



DF-Z014B ▲

Tornador Pulse Cleaning Gun's with brush cone nozzle pulsation of air will beat the dirt out.

NEWEST TOOLS



DF-LED935 ▶

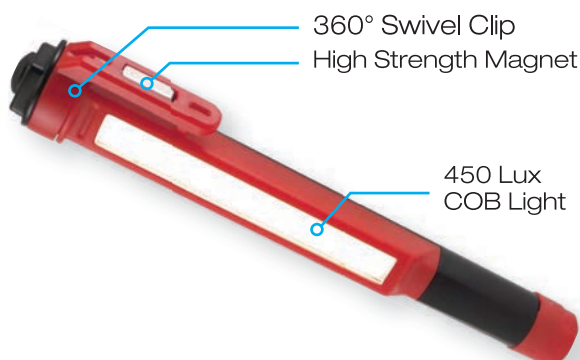
Work in the dark no more, thanks to the Magnetic LED Work Lamp. Hang the 15" lamp from the swivel hook at the top or the rotating magnetic base. This powerful lamp has a max Lux of 935. Adjustable dimmer switch controls the amount of light needed for the job. At the brightest light setting it will provide about 2.5 hours of light and at lower settings power lasts for about 12 working hours. Includes 5V USB charger and cable to recharge the Li-Ion battery.



DF-FBS16 ▲

The 16,000 RPM, 90 psi Finger Belt Sander easily handles getting into tight spaces. An interchangeable belt feature helps transform this tool into a multi-tool that can sand down a weld, grind rough metal edges, and remove spot welds (all belts not included, may need to purchase a separate universal 328 x 10mm belt).

NEWEST TOOLS



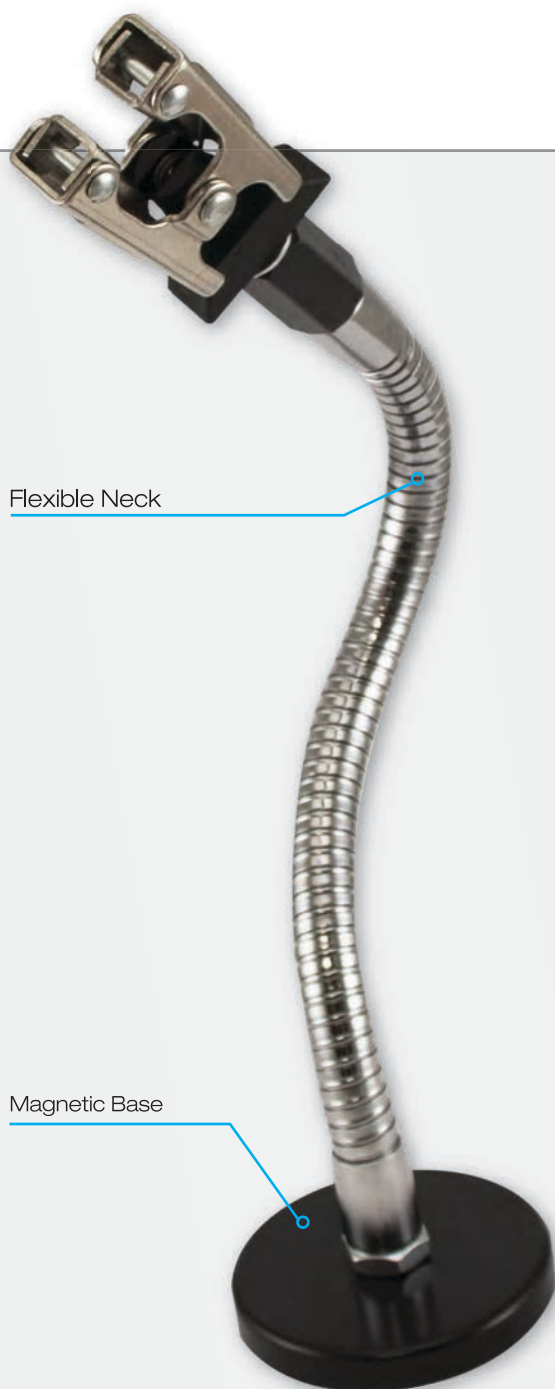
DF-LED450 ▲

Mini Magnetic LED Work Lamp provides up to 10 hours of non-stop light. The 7.5" long lamp with 8W LED light has a max luminance of 450 Lux. Thanks to a 360° swivel clip the DF-LED450 is easily hung on pockets or belts. The high strength magnetic easily sticks to magnetic surfaces. Includes three AAA batteries.



DF-SP360 ▲

Squeeze-type resistance welding process sometimes requires initial help in the form of shunting the current flow, most common when welding coated steel. Shunting Pliers help direct the current flows between the electrode tips. Constructed of thick copper wire and clamping pads.



DF-FC205 ▲

Magnetic Flex Clamp is a strong, professional, and fast method for securing parts for controlled painting. Flexible neck allows the part to be moved without being touched. Strong magnetic base can attach to metal spray booths. Includes one piece.