



**Collision Repair Equipment and  
Tools for Premier Body Shops**



# We have come a long way together.



**D**ent Fix Equipment celebrated it's 40th Anniversary in 2019. We have had great partners through out the years and I want to thank each and everyone of you.

From the warehouse that stocks our equipment, to the distributor that works every day going from shop to shop, and finally the shop and technicians that put our tools to work. Thank You, from my crew here at "THE FIX".

Founded in 1979 by my father, Max Spitznagel, with one tool, the DF-1 Spitznagel Stud Welder. The first and original stud welding system from Germany that changed the way technicians repaired dents on steel. The high quality tool set the bar for us on quality and sent us down the road to where we are today. Can you imagine screwing holes into car panels to pull out dents? Well, I talked with a mobile distributor just the other day who had a shop doing just that. We still have our work cut out for us, our mission to help with the collision repair process is still our number one priority. We no longer offer the original stud welder, we now have our "Maxi" DF-505 series. Times have changed and so has Dent Fixing.

It is the work of continual advancement and huge potential of the collision repair industry that drives us every day. We do it with quality tools and the highest customer satisfaction as our foundation. This principle was set by that stud welder 40 years ago.

From day one, we have offered our customers the finest and that trust we hold with you will not diminish in the next 40 years.

All the best,

**Erik Spitznagel**



## Collision Repair Equipment & Tools for Premier Body Shops

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NOTICE: Equipment and tools listed in this catalog are subject to change based on Dent Fix's discretion. For an update tool listing please call or visit our website [www.dentfix.com](http://www.dentfix.com)



**WARNING:** Cancer and  
Reproductive Harm -  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Simply the BEST

Since 2006 we have been perfecting the most capable aluminum stud welding repair station. This is our most complete unit.

The DF-900DX/E Aluspot Extended includes everything that the Ford Approved Aluspot (DF-900DX) has PLUS Aluminum-Head Hammer Set (DF-AH714), POM Nylon Dolly Set (DF-AB712), two more storage drawers, an in-cabinet electrical

power strip, and a holster on the side of the cabinet to hang the heat gun. The most complete aluminum repair station on the market!

CONSUMABLES - See PG 9

# 110V

POWER

STUD WELDER: 110V

HEAT GUN: 110V

INLINE REMOVER 90PSI



INCLUDED (DF-900DX/E)

DF-900W	DF-900PM	DF-900PS	DF-900PF	DF-900TP	DF-900SP	DF-900LP
DF-900BP	DF-358	DF-900HG	DF-900PFH	DF-900CPH	DF-900RCH	
DF-900SFH	DF-900DBH	DF-900BHND	DF-900RHND	DF-900DEND	DF-900UTD	DF-900TTD
					<p>EVERYTHING IN THE DF-900DX PLUS: ALUMINUM HAMMERS, POM DOLLY SET, POWER BANK HEAT GUN HOLSTER, &amp; MORE DRAWERS</p>	
DF-900HLD	DF-900CVD	DF-700T	DF-900SSB	DF-AH714		
DF-900DC	DF-900BFH	DF-900BFH	DF-900SSBS	DF-AB712		



ALUSPOT ALUMINUM REPAIR STATION - DXE



110v	5	280 lbs.

## ALUSPOT ALUMINUM REPAIR STATION - DX

### Proven Solutions

Since 2006 AluSpot has been meeting the needs for aluminum panel repair.

The DF-900DX Aluspot Deluxe is the most complete aluminum repair station "from the name you know and trust". FORD APPROVED! Here you have everything you need for aluminum repair, within easy reach in a self-contained system. The

tools lock away so they do not wander the shop or become contaminated with the steel particles floating around the shop.

CONSUMABLES - See PG 9

# 110V

POWER

STUD WELDER: 110V  
HEAT GUN: 110V  
INLINE REMOVER 90PSI



INCLUDED (DF-900DX)

 DF-900W	 250 pc Magnesium	 250 pc Silicon	 4 pc Pull Finger	 DF-900TP	 DF-900SP	 DF-900LP
 DF-900BP	 DF-358	 DF-900HG	 DF-900PFH	 DF-900CPH	 DF-900CRH	
 DF-900SFH	 DF-900DBH	 DF-900BHND	 DF-900RHND	 DF-900DEND	 DF-900UTD	 DF-900TTD
 DF-900HLD	 DF-900CVD	 DF-700T	 DF-900SSB	 DF-900SSBS		
 DF-900BFH	 DF-900BFH	 DF-900DC	SATISFIES THE PANEL REPAIR SYSTEM REQUIREMENT FOR FORD AND TESLA BODY SHOP REPAIR PROGRAMS			



## ALUSPOT ALUMINUM REPAIR STATION - DX



110v	3	220 lbs.

## ALUSPOT ALUMINUM REPAIR STATION - MINI



### Discover Aluspot

Experience the quality of a premium aluminum panel repair station without breaking the bank.



### Mini but Mighty.

Any shop can invest in the future and start repairing minor to moderately damaged aluminum panels.

#### POWER

Aluspot Welder

The DF-900B Mini Aluspot Repair System from Dent Fix Equipment is designed to operate as the main unit or as satellite unit. The Aluspot Mini utilizes some of the same Dent Fix innovations and premier equipment as the larger Aluspot systems but at a fraction of the price. Now any shop can invest in the future and start repairing minor to moderately damaged aluminum panels.

Tool List - See PG 9



ALUMINUM REPAIR



# ALUSPOT ALUMINUM REPAIR

## STUD WELDER | PULLERS | SHAPING | CONSUMABLES

STOP REPLACING ALUMINUM PANELS - REPAIR THEM AND PROFIT INSTEAD



ALUSPOT Extended  
DF-900DXE



ALUSPOT Deluxe  
DF-900DX



ALUSPOT Mini  
DF-900B

### SIDE-BY-SIDE COMPARISON

INCLUDED	DXE	DX	B
110v Cap. Discharge Stud Welder	•	•	•
Alu-Silicon Studs	•	•	•
Alu-Magnesium Studs	•	•	•
Spitznagel Pull Fingers	•	•	•
T-Puller	•	•	•
Squeeze Puller	•	•	•
Leverage Puller	•	•	•
Bridge Puller	•	•	•
Stud Cut Pliers	•	•	•
Infrared Temp. Gauge	•	•	•
Heat Gun	•	•	•
3 PC Hammers (Steel)	•	•	•
3 PC Hammers (Alumin.)	•	•	•
2mm Soft Face	•	•	•
35mm Dead Blow Hammer	•	•	•
2 PC Nylon Chisels	•	•	•
12 PC Nylon Dollies	•	•	•
3 PC Steel Dollies	•	•	•
Heat Gun Holster	•	•	•
Shoe Handle Brush	•	•	•
Tooth Brush	•	•	•
Inline Pneumatic Paint Remover	•	•	•
Fiber Discs	•	•	•
Power Strip	•	•	•
5 Year Warranty	•	•	•
Body File + 350mm Blade	•	•	•
Safety Glasses	•	•	•
5 Drawers	•	•	•
3 Drawers	•	•	•
Dust Cover	•	•	•



### REPLACEMENTS



ALU-MAGNESIUM STUDS  
M4x25 | 500 pc  
DF-900PM/500



ALU-SILICON STUDS  
M4x25 | 500 pc  
CF-900PS/500



PULL FINGERS  
1 PIECE  
DF-900PF



FIBER DISCS  
6 PIECE  
DF-710BW



REPLACEMENT BLADE  
1 PIECE  
DF-900BFH

Drawn Arc-Weld

means stronger weld with minimal penetration to the underside of the panel. Argon gas shielding creates a contaminant free weld.

The **DF-900ARC/DXE AluArc Extended** is the next advancement in aluminum repair. Capable of creating extremely strong welds with minimal back panel penetration. With lift arc welding the key is lifted from the panel creating an arc that melts the tip

of the key, which then drops to the panel fusing it with panel. The host panel is not used. Because keys can be welded straight into crease, your pulls will be more precise and effective. Keys have great strength for heavy pulls.

CONSUMABLES - See PG 13

**110V**  
POWER  
KEY WELDER: 110V  
HEAT GUN: 110V  
INLINE REMOVER: 90PSI



INCLUDED (DF-900ARCDXE)

 DF-900ARC	 100 pc Flat Keys	 50 pc Twisted Keys	 DF900TP	 DF-900SP	 DF-900LP
 DF-900BP	 DF-358	 DF-900HG	 DF-900PFH	 DF-900CPH	 DF-900RCH
 DF-900SFH	 DF-900DBH	 DF-900BHND	 DF-900RHND	 DF-900DEND	 DF-900UTD
 DF-900HLD	 DF-900CVD	 DF-700T	 DF-900SSB	 DF-AH714	<b>DELUXE MODEL:</b> Aluminum Hammers, POM Dolly Set, Powerbank, Heat Gun Holster, & <b>MORE DRAWERS</b>
 DUST COVER	 DF-900BFH	 DF-900BFH	 DF-900SSBS	 DF-AB712	



ALUARC ALUMINUM REPAIR STATION - DXE



Weld Keys Close

For heavy pulls, multiple keys create an extremely strong pulling tab.



**Maximum Bottle:**  
80 Cubic Feet Bottle  
NOT INCLUDED

VOLTAGE	DRAWERS	CONSUMABLE GAS
110v	5	ARGON (NOT INCLUDED)

## ALUARC ALUMINUM REPAIR STATION - MINI



### Weld Keys Close

For heavy pulls multiple keys create an extremely strong pulling tab.



# DF-900ARC/B

### Small but Mighty

Superior performance packed into a compact package.

# 110V

POWER

Aluarc Welder  
GAS: ARGON (Not Included)

The DF-900ARC/B Mini AluArc Aluminum Repair System is designed to operate as the main unit or as satellite unit and utilizes some of the same Dent Fix innovations and premier equipment as the larger AluArc systems but at a fraction of the cost. Now, any shop can invest in the future and start repairing minor to moderately damaged aluminum panels..

Tool List &  
Consumables - PG 13



ALUMINUM REPAIR



# ALUARC ALUMINUM REPAIR

## KEY WELDER | PULLERS | SHAPING | CONSUMABLES

STOP REPLACING ALUMINUM PANELS - REPAIR THEM AND PROFIT INSTEAD



ALUARC Extended  
DF-900ARC DX/E





ALUARC Mini  
DF-900ARC/B

### SIDE-BY-SIDE COMPARISON

INCLUDED	DXE	B
Alu-Arc Key Welder	•	•
Alu-Silicon Weld Keys (AlMgSi)	•	•
Alu-Magnesium Weld Keys (AlMg)	•	•
T-Puller	•	•
Squeeze Puller	•	•
Leverage Puller	•	•
Bridge Puller	•	•
Key Cut Pliers	•	•
Heat Gun	•	•
3 PC Hammers (Steel)	•	•
3 PC Hammers (Alumin.)	•	•
2mm Soft Face	•	•
35mm Dead Blow Hammer	•	•
2 PC Nylon Chisels	•	•
12 PC Nylon Dollies	•	•
3 PC Steel Dollies	•	•
Heat Gun Holster	•	•
Shoe Handle Brush	•	•
Tooth Brush	•	•
Inline Pneumatic Paint Remover	•	•
Fiber Discs	•	•
Power Strip	•	•
5 Year Warranty	•	•
Body File + 350mm Blade	•	•
Weld Protection Glasses	•	•
5 Drawers	•	•
Dust Cover	•	•
Tank Regulator	•	•

## ARC

### WELD KEYS

	 <b>FLAT</b> 100 pc	 <b>TWISTED</b> 50 pc
1.0 mm	AlSpec   N°1 DF-ARC535	AlSpec   N°1 DF-ARC542
	AlMgSi   N°2 DF-ARC498	AlMgSi   N°2 DF-ARC504
	AlMg   N°3 DF-ARC450	AlMg   N°3 DF-ARC467
1.5 mm	AlSpec   N°4 DF-ARC559	AlSpec   N°4 DF-ARC566
	AlMgSi   N°5 DF-ARC511	AlMgSi   N°5 DF-ARC528
	AlMg   N°6 DF-ARC474	AlMg   N°6 DF-ARC481

AlSpec (99.5% Aluminum)	AlMgSi (Silicon Alloy)	AlMg (Magnesium Alloy)
----------------------------	---------------------------	---------------------------

### ADD-ONS FOR MINI



ALUMINUM HAMMERS  
1 PIECE  
DF-AH714



HEAT GUN  
1 PIECE  
DF-900HG

## ALUMINUM HAMMER SET DF-AH714

- Solid aluminum head
- Avoid cross contamination
- Lightweight with more forgiving strike
- Less likely to stretch aluminum panel
- Maintenance free



**PERFECT FOR ALUMINUM  
AVOID GALVANIC CORROSION  
GENUINE HICKORY HANDLES**

## NYLON DOLLIES DF-AB712

**SOLID POM NYLON  
NON-CORROSIVE**



**12  
PIECE**



- Non-Corrosive - Perfect for Aluminum Repair
- Non-Marking - When working with metal
- Molded Case - Tools kept organized & clean
- Maintenance free



## HAMMER-ON VS HAMMER-OFF TECHNIQUE

When used properly, the two metal working techniques are very effective at repairing aluminum panels. The hammer-off dollying 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 steel core (DF-AB711). Aluminum can easily stretch, so use caution. 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.



## RUBBERIZED DOLLIES

DF-AB711



### RUBBER SHELL STEEL CORE



7  
PIECE

- Rubberized - Better for soft aluminum
- Steel Core - Dense center, good heft
- Case - Dollies are isolated & protected
- Maintenance free

# Air Powered

Using regulated air, consistent pneumatic pressure is applied through the installation process.

The **DF-SPR67 Self-Piercing Riveter** most versatile and precise riveter available. Pressure application is easily adjusted and can be consistently set with the read out dial. The pressure and speed controls increases accuracy and enable

the rivets to be inserted without panel distortion. Choice of C-clamps and dies sets creates versatility for all makes. All metal construction ensures years of use.

CONSUMABLES - See PG 19

**8 Tons**  
PRESSURE

Pneumatic Operation  
Install | Punch Hole  
Flatten | Remove  
Adjustable Pressure

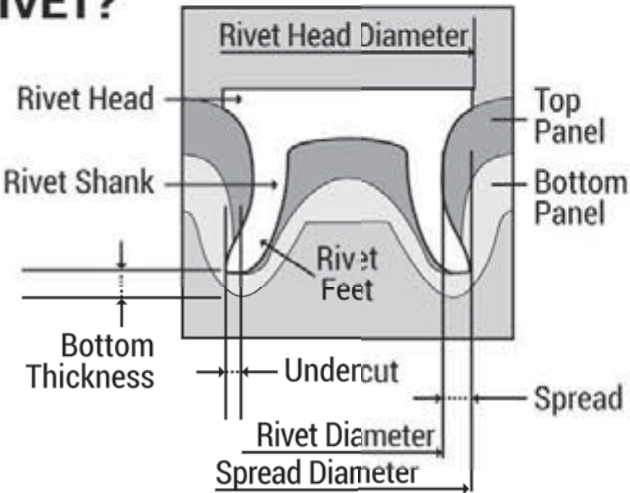


INCLUDED (DF-SPR67)

<b>INCLUDED WITH DF-SPR67 Self-Piercing Riveter Kit</b> 	<b>SPR - 3mm</b>  <b>DF-SPR/AD</b>	<b>SPR - 5mm</b>  <b>DF-SPR/BD</b>	<b>Extracting</b>  <b>DF-SPR/ED</b>	<b>Hole Punch</b>  <b>DF-SPR/TD</b>	<b>Flow Form</b>  <b>DF-SPR/FD</b>
	<b>Flattening</b>	<b>HR2 Arm</b> 	<b>SAMPLE RIVETS</b> 	<b>O-Fing</b> <b>x4</b>	<b>Wrench</b>
	<b>DF-SPR/D17</b>	<b>DF-SPRHR2</b>		<b>DF-SPROR</b>	<b>DF-SPR/WR</b>

# WHAT IS A SELF-PIERCING RIVET?

Self-Piercing Riveting (SPR) is a cold forming technique used to join to panels together with no heat or pre-drilled holes needed to install. The self-piercing rivet pierces the top sheet and forms a mechanical interlock with the bottom sheet without penetrating the back panel.





# SELF-PIERCING RIVETER



- Kit Includes:
- Self-Piercing Riveter
  - HR2 Arm (DF-SPRHR2)
  - SPR Matrix Set 3mm (DF-SPR/AD)
  - SPR Matrix Set 5mm (DF-SPR/BD)
  - SPR Matrix Extracting Set (DF/SPR/ED)
  - Hole Punch Matrix Set (DF-SPR/TD)
  - Flow Form Matrix Set (DF-SPR/FD)
  - Sample Set of SPR rivets
  - Arm Locking Pin
  - Grip Handle & Shoulder Strap
  - Blow Molded Case

- Optional Upgrades:
- Low Profile Arm (DF-SPRHR1S)
  - Large Arm (DF-SPRHR3)
  - Work Stand (DF-SPR68WS)

CLAMP WEIGHT 8.05 LBS  
BODY WEIGHT 7.15 LBS

Inside the Case

Operation	PSI*	Capacity
Pneumatic	90 Min   115 Max	8 Bar
Heads	Warranty	Readout
SPR, Extract, Flow, Punch	1 Year	Dial Display

\* USE AIR REGULATOR

## SMALL ARM DF-SPRHR1S



## LARGE ARM DF-SPRHR3



## FORD DIE SET DF-SPR/FORD

- Rivet set for F-Series
- Fits DF-SPR67



Examples of  
SPR rivet  
insertion  
using the  
FORD die set



## BLIND RIVET ADAPTER

DF-SPR/BRAD

- Minimal clearance needed
- Position into tight spaces
- Long flexible neck



Pull Blind Rivets

Storage for  
blind rivet heads  
3.2 | 3.6 | 4.0 | 4.5mm



F ts DF-SPR67  
DF-SPR69

## SELF PIERCING RIVETS

ZINC COATED



5.3 x 4.0mm  
(100 pc)  
DF-SPR54



5.3 x 5.0mm  
(100 pc)  
DF-SPR55



5.3 x 6.0mm  
(100 pc)  
DF-SPR56



5.3 x 7.0mm  
(100 pc)  
DF-SPR57



5.3 x 8.0mm  
(100 pc)  
DF-SPR58



5.3 x 9.0mm  
(100 pc)  
DF-SPR59

5.3 x 6.5mm  
(100 pc)  
DF-SPR565

5.3 x 7.5mm  
(100 pc)  
DF-SPR575



3.3 x 3.5mm  
(200 pc)  
DF-SPR33



3.3 x 4.0mm  
(200 pc)  
DF-SPR34



**CALL FOR NEW  
BLIND RIVETS**

## Game Changer

With today's thin sheet metals, The MAXI is the best way to pull without damaging the panel. Light to heavy pulls, The MAXI does it all.

The DF-505/220V MAXI Steel Dent Repair Station is a 220 volt single phase steel dent pulling station that provides the technician with the power they need to shrink, pull rocker panels, hail damage, creases, and dents in hard to access areas and all

types of metal damage. Just WELD > PULL > TWIST. The efficiency of this tool increases the workers productivity while producing a cleaner, better repair.

CONSUMABLES - See BELOW

# 220V

POWER

Ultimate Steel Dent Puller  
Increases efficiency &  
productivity  
WELD • PULL • TWIST



<b>INCLUDED WITH MAXI DENT PULLER</b>	<b>Pulling Rods</b>  5.5"	<b>Slide Hammer Rods</b>  10"	<b>Strike Weight</b>  DF-503SW	<b>Leverage Puller</b>  DF-505L	<b>Stud Pin Electrode</b>  DF-503P	<b>Wiggle Wire Tip</b>  DF-503W	
	<b>9-Finger Claw</b>  DF-506	<b>4-Finger Claw</b>  DF-504	<b>Sample Keys &amp; Pins</b> 	<b>Wiggle Wire</b> 	<b>Grounding Magnet</b>  DF-GM	<b>Shrinking Electrode</b>  DF-503S	<b>Key Tip</b>  DF-503KEM
<b>OPTIONAL Upgrades &amp; Re-Orders</b>	<b>Work Stand</b>  DF-509			<b>2.0mm Pins</b>  DF-20	<b>2.6mm Pins</b>  DF-26	<b>Flat Keys</b>  100 pc DF-503KF	<b>Twisted Keys</b>  100 pc DF-503KT
	<b>10" Weld Rods</b>  DF-503L				<b>Thin Wire</b>  1 lb (DF-507)	<b>Thick Wire</b>  1 lb (DF-507TK)	<b>Ding Massager</b>  DF-505DM
	<b>5.5" Weld Rods</b>  DF-503						



## MAXI STEEL REPAIR STATION



\*

\* MAXI PICTURED WITH  
OPTIONAL STAND (DF-509)  
PURCHASED SEPARATELY



### Kit Includes:

- 220v Maxi Unit
- Leverage Puller
- x2 Pulling Rods
- x2 Slide Hammer Rods
- Strike Weight
- Shrinking Electrode
- Stud Pin Electrode
- Wiggle Wire Welding Tip
- Magnetic Key Tip
- Nine-Finger Bear Claw
- Four-Finger Bear Claw
- x50 Sample Stud Pins
- Sample Weld Keys
- 1/2 lb Thick Wiggle Wire
- 1/2 lb Thin Wiggle Wire
- Grounding Magnet

### Optional Upgrades:

- Machine Stand (DF-509)
- Ding Massager (DF-505DM)
- Dust Cover (DF-505DC)

POWER CABLE

18 FEET

PHASE

SINGLE

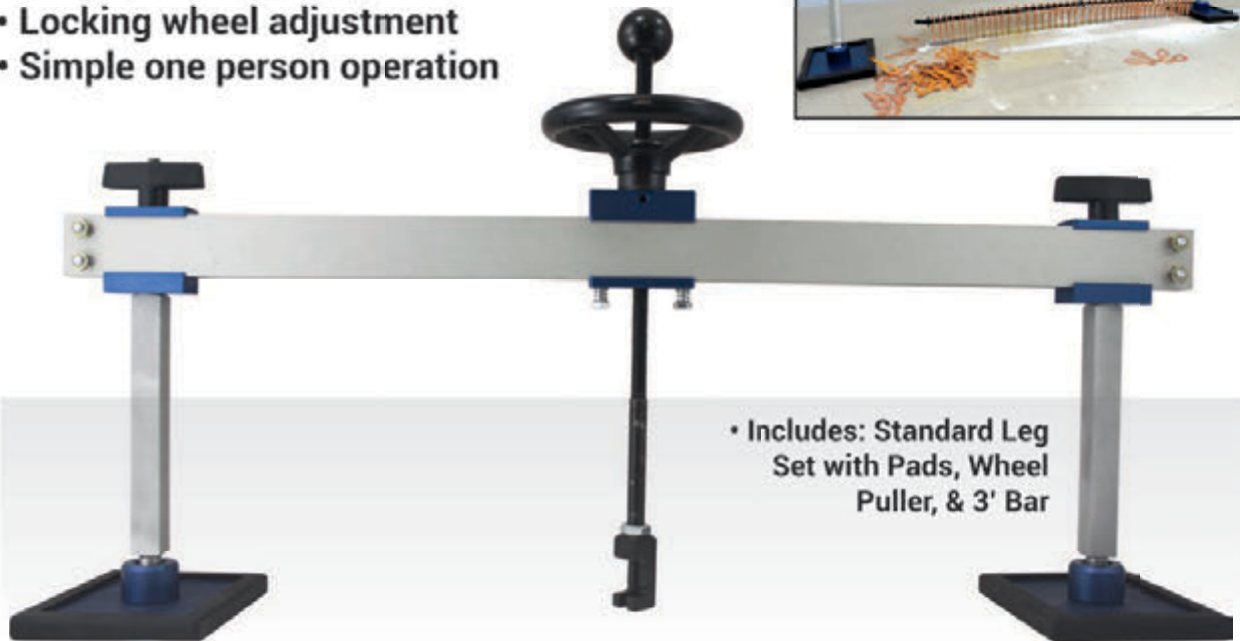
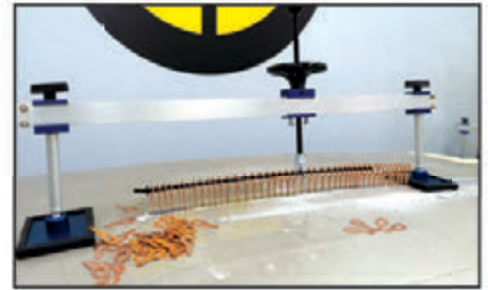
WELDING CABLE

9 FEET

## STEEL BRIDGE PULLER

DF-505BP

- Holds pulls in place
- Locking wheel adjustment
- Simple one person operation



- Includes: Standard Leg Set with Pads, Wheel Puller, & 3' Bar

## MAXI MASSAGER

DF-505DM

### MASSAGE STEEL PULLS

1

PIECE



- Adjustable depth
- Fine finish work
- Weld rod slides in easily

Uses DF-503 short weld rod (Not Included)





## MAXI DUST COVER

DF-505DC

- Protect your MAXI and keep it clean
- Durable construction should last for years
- MAXI stand not included, but needed for proper fit

OPTIONAL MAXI STAND  
NEEDED TO USE COVER



DF-509

Heavy Duty  
Construction with  
Thick, Water  
Resistant Vinyl



## MAGNETIC KEY TIP

DF-503KEM



## WELD KEYS WITH MAXI

1

PIECE

- Maxi (DF-505) add-on
- Weld keys for use with bridge pullers
- Includes key tip & sample keys



DF-503KF  
Straight Weld Key  
100 pcs



DF-503KT  
Twisted Weld Key  
100 pcs

## Great Value

The Hammer Head gets you the pulling capabilities you need. Working the same technique as The Maxi, Weld • Pull • Twist. Efficiency and low heat signature make this a must have over conventional stud welders.

Replace your stud welder with our 110 volt **DF-595ii Hammer-Head**. This efficient unit provides the technician with the means to higher productivity and better results. It's like having sticky fingers and being able to pull dent with your hand.

The leverage puller allows for controlled pulls. The slide hammer gives you tapping and wiggle wire and claw is good for crease pulling. 1 year warranty. Works with a 30 amp breaker.











CONSUMABLES - See **BELOW**

# 110V






POWER

Good Steel Dent Puller that increases efficiency & productivity



INCLUDED WITH DF-595ii HAMMER-HEAD	Pulling Rod	Slide Hammer Rod	Strike Weight	Leverage Puller	4-Finger Claw
	 7"	 11"		 DF-595iiLP	
	Grounding Magnet	1/2lb Wiggle Wire	Tip Adapter	Shrinking Tip	Wiggle Wire Tip
	 DF-GM				

## SAME GREAT TOOL, DIFFERENT NAME

OPTIONAL UPGRADES & REORDERS	Thin Wire	Thick Wire	11" Weld Rods	7" Weld Rods	Ding Massager
	 1/2 lb (DF-508) 1 lb (DF-507)	 1/2 lb (DF-508TK) 1 lb (DF-507TK)	 DF-503iiLR	 DF-503iiR	 DF-595DM



## HAMMERHEAD STEEL REPAIR STATION



# HAMMERHEAD



## DF-595ii

**Kit Includes:**  
Wiggle Wire Tip  
Shrink \* Adapter Tip  
1/2 lbs Wiggle Wire  
4-Finger Claw  
Slide Hammer Rod & Weight  
Short Pull Rod  
Leverage Puller (DF-595iiLP)  
Ground Magnet (DF-GM)

**Optional Upgrades:**  
See Previous Page

VOLTAGE	BREAKER	WELDING CABLE
110v	30 amp	6 ft

## MULTI-HEAD HAMMER SET

DF-HK111

- Quick changing heads
- 9 Interchangeable heads
- 3-head ring hammer included
- Blow molded case
- Simplify your tool box

9

HEADS

MULTIPLE  
TOOLS IN ONE



## DOOR SKIN PLIERS

DF-DSP310

- Holds the door skin securely in place
- Provides clamping without interrupting flange fold over

2

SPECIALIZED CONTACT PADS

PERFECT FOR  
RESKINNING

Inner contact  
bar spreads the  
force evenly

Outer pad prevents  
damage to outer  
panel

Adjustable to clamp  
onto different panel  
thicknesses





## FLEXIBLE FENDER PULLER

DF-HD0140

- Hinged hooks pivot
- Shapes to the curve of the fender
- Pulls 1.5 ton
- Pull core supports

1.5

TON

HIGH  
QUALITY



## RING HAMMER

DF-903

- 3 hammer heads in 1 tool
- Easy to use multi-tool
- Fits into tight spaces
- Solid hit from small tool
- Ultimate utility

3

TOOLS IN ONE

MULTI-  
PURPOSE



## Spot Weld Bits for Chuck Drill

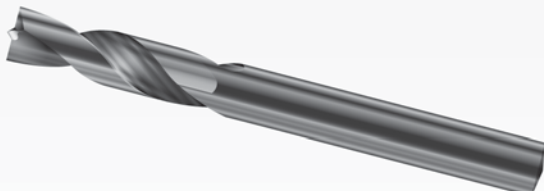


**DF-1786VP** Variety Bits  
Multi-faceted no slip shank. Variety pack of 5 bits of the hardest coating available! Titanium Carbo-Nitride (HSSE-TiCN) coated drill bits. Includes one 6mm, three 8mm, & one 10mm bit.



**DF-1780T** Bit 8x80mm  
Titanium Nitride Drill Bit

Specifically designed for the rigors of spot weld drilling, German made bits can be used with any 3/8" drill. Centering nib prevents bit from walking.



**DF-1780** Bit 8x80mm  
High Speed Cobalt Drill Bit

Specifically designed for the rigors of spot weld drilling, German made bits can be used with any 3/8" drill. Centering nib prevents bit from walking.

BORON



▲ **DF-1690**

8mmx45mm

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



## SPOT ANNIHILATOR SPOT WELD DRILL KIT

### SPOT ANNIHILATOR DF-15DX

- Depth Adjustable
- Smart Pressure Valve
- No Slamming
- Prevent bit breakage
- Boron steel capable
- Pneumatic cutting pressure



#### WARRANTY

1 YEAR

#### AIR PRESSURE

90 PSI

#### ROTATIONAL SPEED

1,000 RPM

## SHUNTING PLIERS

DF-SP360

- Required by I-CAR for STRSW E-coated panels
- Shunts the current flow
- Thick copper wire and pads
- Ensure proper welds

**4  
GAUGE WIRE**

**SAVES THE E-COAT**



MAX AMPERAGE

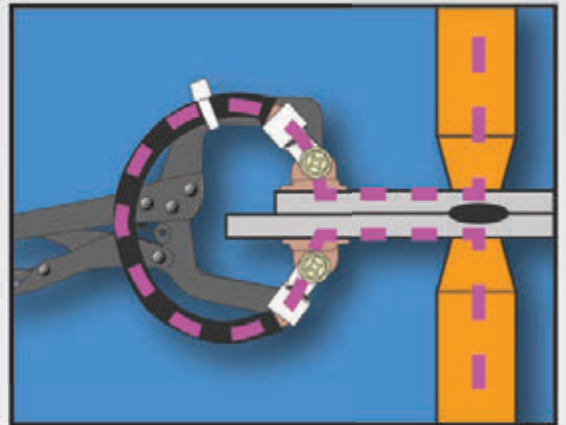
145 AMPS

COPPER WIRE

4 GAUGE

WARRANTY

90 DAYS



### Why Use Shunting Pliers?

Squeeze-type resistance spot welding (STRSW) sometimes requires additional measures, in the form of shunting the current flow, to create a successful spot weld.

Conductive coatings on steel, such as zinc or weld-through primer increase the resistance but a successful weld can be accomplished. Non-conductive coatings on steel, such as E-Coat (a corrosion-resistant primer applied to parts by the manufacturer) inhibit the completion of the spot weld.

The E-Coat on the mating surfaces can be saved when using STRSW with the use of the Dent Fix Shunting Pliers (DF-SP360). Simply remove the coating from only the outside surfaces, position the shunting clamp at the spot weld site, and the spot weld is made at the adjacent site. The current chooses the path of least resistance when confronting the non-conductive E-Coat, the shunting pliers facilitates the electrical current from one side to the other. The E-coat at the mating surface burns away. The process is very quick and despite the fact most of the current flows between the electrode tips the current detour was brief but necessary.



## MICRO WELD CLAMPS

DF-MC201

- Generates strong clamping force
- Great low profile
- Secure for pinch and spot welds
- Screw top close to secure
- 4 clamps per pack

**4  
PIECES**

**GENERAL  
USE CLAMPS**



## SURGE PROTECTOR

DF-601A

- Protects electronics from surges
- For 12 & 24 volt systems
- Lifetime warranty
- Made in the USA
- DO NOT USE ON HYBRIDS

**12 • 24  
VOLT SYSTEMS**

**LIFETIME  
WARRANTY**



## RIGHT ANGLE

DF-701

- Compact design
- Works best in tight areas
- Remove thick seam sealer
- Undercoating can be removed
- Decal wheel & 3 coarse brushes



**OFFSET ERASER  
WHEEL INCLUDED!**



**ORIGINAL**  
**DF-705 Decal Eraser**  
Softer  
Will not burn the paint.  
The perfect tool for cleanup  
of moldings.



**TOUGHER**  
**DF-705D Offset Eraser**  
More Durable  
Perfect for the removal of  
large decals such as those  
found on delivery vans.



**DF-702C Coarse Brush**  
The flex allows the brushes  
to compress in tight corners  
and contour themselves over  
lipped edges and curved  
corners. Makes fast work of  
bed liner.

If you don't have one you need one. With the Coarse brush, undercoating and seam sealer are stripped away easily and cleanly, right down to the bare metal. The brushes do not clog up. Remove rust and scale. The fine brush is perfect for getting paint out of tight spaces. The geared Decal Eraser will strip a 2 foot by 2 foot decal in less than 2 minutes with no paint burn. The eraser is ideal for removing the adhesive backing on moldings and badges. The tool carries a year warranty and our guarantee of complete satisfaction.



## ELIMINATOR INLINE DECAL & UNDERCOATING REMOVER

# ELIMINATOR

INLINE UNDERCOAT AND DECAL REMOVER  
DF-700DX



**3,500**  
RPM

Pneumatic Operation

### Kit Includes:

- Eliminator Tool (DF-700T)
- Original Decal Eraser (DF-705)
- Offset Decal Eraser (DF-705D)
- Fiber Discs (DF-710BW)
- Single Disc Hub (DF-710BHS)
- Double Disc Hub (DF-710DHS)
- Coarse Brush (DF-702C)
- Fine 23mm Brush (DF-702SF)
- 11mm Coarse (DF-702C11)
- Fine Brush (DF-702F11)
- 23mm Hub (DF-702H23)
- 11mm Hub (DF-702HH)
- Blow Molded Case

REQUIRED PRESSURE	AIR CONSUMPTION	FREE SPEED
90 PSI (-6 bar)	4 CFM	3,500 RPM
AIR INLET	REQUIRED HOSE SIZE	TOOL WEIGHT
1/4" NPT	3/8" ID (9.5mm)	2.6 lbs (1.2Kg)





LED Light  
DF-LED935

ELIMINATOR  
DF-700DX

ALUSPOT MINI  
DF-900B

ULTRA DING MASSAGER  
DF-DM555UDX

NITROGEN  
PLASTIC WELDER  
DF-EZN1G



PREMIER AUTO BODY  
TOOLS & EQUIPMENT

*Since 1979*





ALLSPOT

ALUSPOT DELUXE  
DF-900DX

ALUSPOT EXTENDED  
DF-900DXE

The MAXI  
DF-505/220V

Self-Piercing Riveter  
DF-SPR67

Aluminum  
Hammer Set  
DF-AH714

Lucille



## ANGLED FINGER SANDER

DF-FBS20

- Guide keeps grinder in place
- Compact design
- Works best in tight areas
- Body rotates for access



## LONG GRINDER

DF-I9315CR

- Reach into corners to grind
- Extra long handle
- Shield rotates left and right
- Fits into tight work spaces
- 6.3 bar, 90 PSI





**FINGER SANDER**

DF-FBS16

- Gets into tight spaces
- Interchange belt
- Sand down a weld
- Grind rough metal spots
- 328x10mm belt

16,000

RPM

MULTIPLE PURPOSE



AIR PRESSURE	90PSI
WARRANTY	1 YEAR

**PANEL SAW**

DF-PS36

- Set the depth of the cut
- Cut through top panel only
- Double grip handle for firm control
- Guide helps keep the line straight

10,000

RPM

DEPTH ADJUSTABLE



## SLOT PLIERS

DF-SP820

- Produces 8x20mm slot punch
- Ideal for MIG brazing
- Throat depth of 30mm
- Comfort grip
- Up to 18 gauge steel
- Online only at DentFix.com



CAR MIG  
BRAZING

JAGUAR  
PROGRAM

## PUNCH/FLANGE

DF-516PF

- Punches 8mm holes
- Up to 18 gauge steel
- Swivel head for flanging
- Also available in 6.5mm holes (DF-316PF)



ALL HOLE PUNCH DIES ARE ANGLED FOR SHEARING EFFECT



## 8.0MM PUNCH

DF-516

- Punches 8.0mm holes
- Up to 18 gauge steel
- Depth adjustable
- Long handle for power



QUALITY  
TOOL

## 6.5MM PUNCH

DF-8

- Punches 6.5mm holes
- Up to 18 gauge steel
- Deep throat
- Allows for more room from edge



TECHNICIAN  
FAVORITE



# 6 IN 1 PUNCH

DF-MP050K

- Punch & Flange Kit
- Pneumatic operation
- 4.0, 5.5, 6.5, & 8.0mm Punch
- 8.0mm Deep Punch/Flange
- Blow molded case



FLANGE WIDTH
1 INCH
WARRANTY
1 YEAR

90

PSI

6 TOOLS IN ONE CASE





# WORKING WITH PLASTIC

## 4 THINGS TO REMEMBER

The many types of plastic used to construct automotive parts presents special challenges for auto repair facilities when repairing damaged parts. At Dent Fix, we've identified four critical areas of concern to keep in mind when performing plastic repairs. These include:

1. Plastic Types
2. Nitrogen Welding
3. Airless Welding
4. Hot Stapler

### 1. Plastic Types

Most plastic parts will have the type of plastic that the part is made of stamped on it. Dent Fix plastic rod packages will weld most types of plastics found on an automobile. The following is a list of the plastic welding rod offered and the corresponding stamp that may be found on the part, as well as typical parts that may be made from the type of plastic.

#### Polypropylene "PP"

PP, PP/EPDM, PP / T20, TPO, TEO, TSOP.	Bumper covers, valance panels, headlights, fuse boxes, air intake parts, engine covers, underbody covers, fluid tanks, rocker moldings, fender flares, trim panels, valance panels, case moldings & core supports.
---	--

#### ABS "ABS"

ABS, ABS + PC, ABS + PA.	Grilles, cowl grilles, dash bezels, mirror covers, car door handles, trim panels & finish panels.
-----------------------------	---

#### Polyethylene "PE"

PE, LDPE, HDPE, PPE.	Fender liners, splash shields, fluid tanks, & underbody covers.
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#### Polycarbonate "PC"

PC, PC + ABS, PC + PBT	Bumper covers, finish panels, dash parts, core supports, & Saturn door skins
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#### Polyurethane "PUR"

PU, PUR, PRIM, RIM, TPU, TPUR.	Bumper covers, rocker moldings, case moldings. These parts are typically found on older or low production vehicles like the Corvette.
-----------------------------------	---

### 2. Nitrogen Welding

Clean the part on both sides with soap and water, sand the inside with 80 grit sand paper on a dual action sander. When welding on the inside of the panel first, it is usually best to leave the outside painted.

Tape the crack together on one side with aluminum tape to hold it while welding.

It is usually best to cut a V groove along the weld run into the part the same width of the rod that you intend to use.

#### Weld Temp Chart (EZ Nitro Welders)

Polyethylene	5	ABS	5
Polypropylene	6	Polycarbonate	7
Polyurethane		Not used	

Direct the heated gas from the nitrogen torch at a 45 degree angle into the corner where the welding rod and part meet heating both the rod and part evenly and equally.

Hold the welding rod approximately 3" from the base, push the rod straight down into the part until it begins to flex. Weld into the heat, pushing straight down on the rod while allowing the rod to roll into the heat. Weld speed should be 4" to 6" per minute.

### 3. Airless Welding

Some plastics such as polyurethane can only be welded with the airless welder using the rod feed tip.

Clean the part on both sides with soap and water, sand the inside with 80 grit sand paper with a dual action sander. It is usually best to leave the paint on the outside when doing the inside weld, if the first weld will be the inside weld.

Tape the crack together on one side with aluminum tape to hold it while welding.

Cut a tight V groove 60% deep into the part.

Set the temperature to the appropriate tempera-





ture for the plastic being welded.

#### **Weld Temp Chart (EZ Nitro Air Welders)**

Polyurethane	5	ABS	5
Polyethylene	5	Polycarbonate	7
Polypropylene	6		

The temperature should be hot enough to turn the plastic liquid, but not hot enough to cause it to boil

Press the feeder tip onto the part over the V groove. Push the rod through the feeder tip and into the V groove filling the V groove completely.

After filling the V groove with plastic rod use the airless torch to smooth the welded rod by pushing the plastic deeper into the V groove.

Turn over the part and remove the aluminum tape. Cut a tight V groove through the crack exposing a complete strip of the back side welded to allow the front and back welds to commingle.

Smooth the weld with the airless torch. Finish by sanding the weld area with 80 grit paper on a dual action sander.

#### **4. Hot Stapler**

Repair thermoplastic parts instead of replacing with a Hot Stapler Kit. This tool heats up a stainless steel staple to be installed in the plastic parts, adding rigidity and restoring integrity.

*What Staple to Use*

##### **Z-Clip: Stitch Tears (DF-800ZC)**

*Most versatile. Designed for repairing general tears the Z shape forms a natural stitch. Usually used for small and delicate tears with not much obstructions. This staple is placed at 1 to 1.5 inch intervals on straight breaks and open areas. Tighter staple intervals can be used on curved cracks and high load bearing areas.*

##### **N-Clip: High Vibration (DF-800NC)**

*Some straight cracks might be located in high vibration areas like plastic supports under the hood. To counteract the vibrations, these clips are used because the larger footprint. The extra width covers more surface area and larger footprint allows it to be used horizontally and vertically.*

##### **M-Clip: Outside Corner (DF-800MC)**

*The inside corner of a broken part might not be accessible from the backside. Using the M-Clip on the front of the repair not only allows for the repair to be performed, but also saves time by not having to remove the part from the vehicle. These areas are usually right angles, bends and joints.*

##### **V-Clip: Inside Corner (DF-800VC)**

*A great selection for the inside corners of right angles. The major advantage is to reinforce 90 degree angles*

*from the inside which also can conceal the repair to the back side. Use smaller intervals to create a stronger spine or connect a support tab.*

##### **W-Clip: Grip Corner (DF-800WC)**

*The specialized W shape really comes handy when a V-Clip will not work. This shape adds extra support to thicker gauge plastic. The ridges provide more stable surface areas for the staple to reinforce the corner. Typical applications are for thick cornered areas and structurally load-bearing joints.*

##### **S-Clip: Stitch Holes (DF-800SC)**

*This staple is a specialty staple that can be used in specific areas like round curves and also in areas where there is little obstruction. When used on open area cracks for best results, after submerging the staple into the plastic give a clockwise twist, about 1/2", while the staple still hot. This twist helps to further reinforce the repair area.*

##### **U-Clip: Rounded Corner (DF-800UC)**

*Another curved application, this staple can help with a rounded corner. This is an alternative to the M-Clip which would leave exposed staple. Also effective in curved areas around screw and plastic rivet holes.*

*How to Hot Staple*

Join the adjacent pieces of the repair area together to restore the original form.

Using the Hot Stapler, heat up the staple and press it gently to set. Apply light, controlled pressure. When pressed too hard it can bend or penetrate through the repair area.

When the StapleClips® is half way through the repair surface, you may give a little twist to the S and Z StapleClips® to lock laterally in the plastic, then release the On/Off Switch button on the grip. Wait for a few seconds until the repaired gets firm. Next, draw the StapleClips® out of the prongs.

When repairing damaged areas with considerable length, please repeat the procedure 2-5 at intervals of 1-3 cm.

With a gloved hand simply snap off the Dent Fix Breakaway® StapleClips®.

Grind off excess or file any remaining staple above the service, using a sander or grinder. Smooth ridges or fill any gaps with the plastic rods and Finishing Iron included in the kit.

Finish as necessary with texture and paint.

## EZ NITRO PLASTIC WELDER GENERATOR

### No More Tanks

Save Money! Convert shop air into nitrogen to run at a much lower cost than refilling tanks.

The **DF-EZN1G EZ Nitro Plastic Welder Generator** eliminates the need for refilling nitrogen tanks and has a smaller footprint taking up less space in the shop thanks to its onboard nitrogen generator. The proprietary Flow Adjust Switch Technology

(FAST) system makes the DF-EZN1G the easiest nitrogen welder to learn and use.

CONSUMABLES - See **BELOW**

# 110V

POWER

NITROGEN WELDER: 110V  
N2 Generator: 90PSI  
HEAT GUN: 110V



<b>INCLUDED WITH DF-EZN1G EZ Nitrogen Plastic Welder Generator</b> 	<b>Nitrogen Welder</b> 	<b>Storage Cart</b> 	<b>Plastic Rod Assortment</b> 	<b>Generator</b> 	<b>Heat Gun</b> 	<b>OPTIONAL EQUIPMENT:</b> 
<b>Aluminum Tape</b> 	<b>Heat Gun Holster</b> 	<b>Hand Seamer</b> 			<b>DF-900HG</b>	<b>Hot Stapler DF-800BR</b>
DF-EZN1-AT150	DF-900HGH	DF-EZN1HS				

<b>EZ NITRO</b> <b>PLASTIC WELD ROD</b> 25 Piece Pack	<b>POLYETHYLENE</b> PE, LDPE, HDPE, PPE	<b>POLYPROPYLENE</b> PP, PP/EPDM, PP/T20, TPO, TEQ, TSOP	<b>POLYCARBONATE</b> PC, PC + ABS, PC + PBT
<b>ABS</b> ABS, ABS + PC, ABS + PA	<b>3mm • Round</b> DF-PEBK03 <b>9mm • Flat</b> DF-PEBK09 <b>15mm • Flat</b> DF-PEBK15	<b>3mm • Triangle</b> DF-PPBK03T <b>3mm • Round</b> DF-PPBK03 <b>6mm • Flat</b> DF-PPBK06 <b>9mm • Flat</b> DF-PPBK09 <b>15mm • Flat</b> DF-PPBK15	<b>3mm • Triangle</b> DF-PCNT03T <b>3mm • Round</b> DF-PCNT03 <b>6mm • Flat</b> DF-PCNT06 <b>9mm • Flat</b> DF-PCNT06 <b>15mm • Flat</b> DF-PCNT15
<b>3mm • Triangle</b> DF-ABBK03T <b>3mm • Round</b> DF-ABBK03 <b>9mm • Flat</b> DF-ABBK09 <b>15mm • Flat</b> DF-ABBK15	<b>POLYURETHANE</b> PU, PUR, PRIM, RIM, TPU, TPUR <b>3mm • Round</b> DF-PUNT03		



PLASTIC REPAIR



# EZ NITRO PLASTIC WELDER GENERATOR

**EZ NITRO**  
PLASTIC WELDER  
Generator

High Pressure  
Nitrogen Outlet  
can run air tools.



Converts shop  
air into nitrogen  
to run the  
plastic welder



**ALSO AVAILABLE  
BOTTLE-FED UNIT**



DF-EZN1

80  
CU FT  
MAX

**Kit Includes:**  
EZ Nitrogen Welder Unit  
Air Welder  
Rolling Storage Stand  
N2 Generator  
Power Strip on the cart  
Hand Seaming Tool - 3.5"  
Aluminum Tape Roll - 150ft  
Heat Gun Holster  
Plastic Sample Pack  
- ABS  
- Polycarbonate  
- Polyethylene  
- Polypropylene  
- Polyurethane

**NITROGEN PRESSURE**

20 PSI

**AIR PRESSURE**

20 PSI

**WEIGHT**

54 lbs.

## EZ NITRO PLASTIC REPAIR STATION - DXE



### Ditch the bottle.

Save yourself from refilling nitrogen bottles! Convert shop air into N2 instead of paying for refills.



### F.A.S.T. System

Flow Adjust Switch Technology makes the DF-EZN1G/DXE the easiest nitrogen welder to learn and use. It simplifies nitrogen welding and eliminates flow adjustments by the user.

# 110V

POWER

N2 Welder

The EZ Nitro DXE is the most comprehensive plastic work station available. All the tools needed bundled in one tight package. From grinders to hot staplers, everything is included to help you profit from the repair of expensive plastic parts. Improve shop efficiency by turning light hit vehicles faster. On board nitrogen generation just makes this a sweeter deal. Everything locks away to protect your investment.

Tool List - See PG 45



PLASTIC REPAIR



# COMPARE EZ NITRO REPAIR STATIONS

## GAS WELD | AIR WELD | HOT STAPLER | GENERATOR

STOP THROWING AWAY BUMPER COVERS - REPAIR INSTEAD OF REPLACE



### EZ BOTTLE FED

DF-EZN1

EZ Nitro Plastic Welder+  
Airless Plastic Welder  
Heat Gun (DF-900HG)  
Heat Gun Holster  
Aluminum Tape  
(DF-EZN1-AT150)  
Tank Reglator  
Tank Brackets  
Plastic Welding Rods:  
ABS, Polypropylene,  
Polycarbonate, Polyethylene,  
& Polyurethane  
• Nitrogen Tank not included,  
needs to be locally sourced.

**UPGRADE TO NO BOTTLE:**  
DF-EZN1G N2 Generator (Pg 46)



### EZ NITRO G

DF-EZN1/G

Nitrogen Generator  
EZ Nitro Plastic Welder  
Airless Plastic Welder  
Heat Gun (DF-900HG)  
Heat Gun Holster  
Aluminum Tape  
(DF-EZN1-AT150)  
Plastic Welding Rods:  
ABS, Polypropylene,  
Polycarbonate, Polyethylene,  
& Polyurethane



### EXTENDED DXE

DF-EZN1G/DXE

Nitrogen Generator  
EZ Nitro Plastic Welder  
Airless Plastic Welder  
Hot Stapler Kit (DF-800BR)  
Mini Die Grinders  
(DF-DG5227)  
Heat Gun (DF-900HG)  
Double End Nylon Drolley  
(DF-900DEND)  
Round Head Nylon Chisel  
(DF-900RHND)  
Aluminum Tape  
(DF-EZN1-AT150)  
Multi-Clip Pliers (DF-625)  
Plastic Clip Pliers (DF-624CP)  
Clip Lifter (DF-618CL)  
Hand Seamer (DF-EZN1HS)  
Ring Hammer (DF-903)  
Dust Cover  
Utility Wedge Set (DF-609)  
Plastic Lever Scraper  
(DF-WK20)  
Plastic Welding Rods:  
ABS, Polypropylene,  
Polycarbonate, Polyethylene,  
& Polyurethane



**CONSUMABLES - PG 42 & 48**

## EZ NITRO GENERATOR

DF-EZG1

Upgrade any brand of Plastic Welder with the EZ Nitro Generator and "Ditch the Bottle", Never Run out of Nitrogen AGAIN! Dent Fix's revolutionary Dual Chamber Separating System transforms your compressed shop air into an endless supply of both regulated & high pressure nitrogen. BONUS: You can also fill your customer's tires with beneficial nitrogen and/or safeguard the internals of your pneumatic tools by powering them with nitrogen from the EZ Nitro Generator!



**UPGRADE YOUR BOTTLE-FED WELDER!**



## HOT AIR WELDER

DF-EZA1

Simply plug into a 110V socket and begin welding damaged plastic parts back together! Adjustable heat setting for multiple plastic types. Includes plastic welding rod samples, smoothing tip, and feeder tip.



## MINI DIE GRINDER

DF-DG5227

Compact design fits perfectly into the hand and the cushioned grip allows for long hours and less vibration. The adjustable air speed and whisper quiet operation make this the perfect grinder.



1/2" Round Carbide Burr (DF-CB05)

3/8" Tapered Carbide Burr (DF-CB03)

1/8" Straight Carbide Burr (DF-CB12)



## HAND SEAMER

DF-EZN1HS

Wide flat nose is perfect for forming plastic lips, tabs, and flanges when performing plastic repair. Heavy duty solid construction.



PLASTIC REPAIR



# Upgrade your Tank Nitrogen Welder Never run out of Nitrogen



**SAVE MONEY & LIMIT DELAYS**  
Convert shop air into N2 instead of paying for refills



**AWARD WINNING INNOVATION**  
Dual Chamber Generator for On-Demand N2



**AVOID SAFETY CONCERNS**  
Ditch the risks of managing tanks

**EZ NITRO**  
Generator  
UPGRADE KIT | DF-EZG1



## HOT STAPLES / PATCH MESH



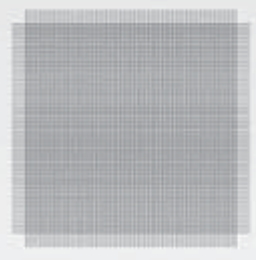
DF-800WC/50 (50 pc)  
DF-800WC/250 (250 pc)



DF-800ZC/50 (50 pc)  
DF-800ZC/250 (250 pc)



DF-800MC/50 (50 pc)  
DF-800MC/250 (250 pc)



Patch Mesh  
DF-800PM



DF-800NC/50 (50 pc)  
DF-800NC/250 (250 pc)



DF-800SC/50 (50 pc)  
DF-800SC/250 (250 pc)



DF-800UC/50 (50 pc)  
DF-800UC/250 (250 pc)



DF-800VC/50 (50 pc)  
DF-800VC/250 (250 pc)

## HOT STAPLER DELUXE

DF-800BR



## Kit Includes:

Hot Stapler  
Finishing Iron (DF-800SI)  
x50 U-Clip (DF-800UC/50)  
x50 S-Clip (DF-800SC/50)  
x50 V-Clip (DF-800VC/50)  
x50 M-Clip (DF-800MC/50)  
x50 Z-Clip (DF-800ZC/50)  
x50 W-Clip (DF-800WC/50)  
x50 N-Clip (DF-800NC/50)  
Blow Molded Case

THE ORIGINAL HOT STAPLER  
MADE IN AMERICA

**110V**  
VOLT

- Installs staples to repair tears in plastic
- Saves thermoplastic parts from the trash
- Crafted to be compact & lightweight
- No base station

## VOLTAGE

110v

## WEIGHT

5 lbs

## MADE IN

USA

## WARRANTY

5 YEARS



PLASTIC REPAIR



## LI-ION BATTERY HOT STAPLER DF-600BR

### Three functions in one

- Install hot staples, airless weld plastic, and smoothing iron.
- Hand held unit is small in stature but very capable in tight spaces
- Foam inserts included with the case



### Kit Includes:

Main Unit, Hot Stapler Head, Iron Head, Air Welder Head, Plastic Rod Samples, Staple Samples, Patch Mesh, and case with foam insert



**3 TOOLS  
IN ONE**

**RECHARGEABLE  
BATTERY**

## HOT STAPLER BASIC DF-400BR



### Kit Includes:

Hot Stapler  
x50 S-Clip StapleClips (DF-800SC/50)  
x50 V-Clip StapleClips (DF-800VC/50)  
x50 M-Clip StapleClips (DF-800MC/50)  
x50 Z-Clip StapleClips (DF-800ZC/50)

### VALUABLE TOOL

**110V  
VOLT**

- Installs staples to repair tears in plastic
- Saves thermoplastic parts from the trash
- 3 heat settings: Light Duty, Regular, HD
- Handle + base station

#### VOLTAGE

110v

#### WEIGHT

6 lbs

#### MADE IN

TAIWAN

#### WARRANTY

1 YEAR

## MULTI-CLIP PLIERS

### DF-625

Multiple tools in the palm of your hand

- Remove, pry, or cut tabs
- Disassemble clips
- Also cuts tubing or zip ties



## WEDGE SET

### DF-609

- Utility wedge set
- Use for door wedges
- Great for molding removal
- Solid plastic construction
- 30 & 60mm wedges
- One clip tool



3-PIECE  
MOLDING  
REMOVAL

## WEDGE LIFTER

### DF-WK20

- Perfect for glass removal
- Also use as a door wedge
- Molding removal made simple
- Great for around air vents





## 3PC CLIP SET DF-618XL

- Removes fasteners & clips
- Great for upholstery removal
- Disassemble door panels
- 245x11, 370x11, 250x5mm



FOAM STORAGE FOR  
TOOL DRAWERS

## 5PC CLIP KIT DF-618LK

- For plastic fasteners & clips
- Used for upholstery removal
- Door panel removal
- Angled & curved for leveraging



PERFECT TO DROP  
IN A TOOL BOX

## COMBI WEDGE DF-619

- Wedge plus clip removal tool
- For dash & door panel removal
- Hard to lose, hi-vis yellow
- Constructed of strong plastic
- Pivot point for prying
- Length: 8.5"



2 TOOLS  
IN-ONE

WEDGE + CLIP  
REMOVER

## CLIP LIFTER DF-618CL

- Safely remove clips & fasteners
- Reduce fragile parts breakage
- For upholstery & door panels
- Hi-vis yellow handle
- Sturdy construction
- Length: 6.9"



LENGTH:  
6.9"

## DELUXE TRIM SCRAPER SET

DF-623TPS

- Safely remove interior & exterior trim pieces
- Velcro enclosed canvas pouch
- Remove air vents, door trim, dashboard pieces, plastic trunk guards, or any delicate pieces
- Ninja Warrior Set



## TRIM PANEL SET

DF-621TPS



## PROFESSIONAL TOOL SET

12  
PIECES

- Trim panel popper set
- Two pry bars
- Nine double-sided clip removers
- Double-sided dead blow hammer
- Blow molded hard case
- Detail Set







**27**  
**PIECES**

## TRIM PANEL SCRAPER SET

DF-620TPS

### SAVE DELICATE PARTS

**12**  
**PIECES**



- Easily save delicate trim pieces
- Includes metal pry bar
- Store in canvas pouch with Velcro enclosures
- Tradesman Set



## SUCTION GUN

DF-SG70

- Safely remove head/tail lights and glass-like surfaces
- Hold windows in place while working on window regulators
- Quick release button



## SENSOR HOLE PUNCH

DF-EZ10

- Precise and clean way to create holes
- Cut holes in plastic bumpers up to 5mm in thickness
- Will not damage the paint



Holes Sizes (mm):  
17, 18, 18.2, 19,  
20, 22.5, 24,  
26, 26.7,  
& 32.



## SWIVEL RIVETER

DF-CT888

- Install difficult to access plastic rivets
- 360° rotational head
- Includes 5.0 & 6.3mm rivets



CONSUMABLES  
PLASTIC RIVETS

5.0mm (50 pc) DF-CT887RS  
6.3mm (50 pc) DF-CT887RL

## SLIMLINE RIVETER

DF-CT887

- Install difficult plastic rivets
- 2" gap clearance
- Works around wheel arches
- Includes 5.0 & 6.3mm rivets



CONSUMABLES  
PLASTIC RIVETS

5.0mm (50 pc) DF-CT887RS  
6.3mm (50 pc) DF-CT887RL



BLOW MOLDED  
CASE INCLUDED



PLASTIC REPAIR



# STATICZAP

STATIC ELIMINATION TOOL



## STATICZAP

DF-EZAP

- Neutralizes the static charge
- Eliminates dust attraction
- Metallic sparkle will stand out
- Easy to use, just hook up to air hose and go
- Lithium ion battery powered

*The StaticZap incorporates the efficiency and power of an air amplifier with the proven technology of corona ionization to produce a highly effective anti-static blow-off gun.*

*Perform the anti-static blow off before starting and at every stage in the painting process to produce a finish that looks like glass. Using this tool cuts down the time needed for wet sanding and buffing, saving labor on post work.*

### REPLACEMENT PARTS:

- Emitter Pins (5 pc) | DF-ZAP01
- Filter Kit (1 pc) | DF-ZAP02



**NEUTRALIZE THE STATIC  
CHARGE ELIMINATING  
DUST ATTRACTION**

**GREAT FOR  
WINDOW TINTING  
& VEHICLE WRAPS**

**CORONA  
IONIZATION  
TECHNOLOGY**

- Kit includes:
- Lightweight Durable Gun
  - Rechargeable Lithium Ion Battery
  - Two Emitter Pins
  - Safety Keys
  - Storage Case

## ULTRA DING MASSAGER DF-DM555UDX

- Dings, dents, & hail damage
- Easy to use & learn
- Special nibs for crease repair
- Improved kit with everything
- Works on steel or aluminum
- Use on OEM paint only

### Kit Includes:

x24 Assorted Pulling Nibs (DF-DM15)  
 x12 Glue Sticks (DF-DM520GS)  
 120v Glue Gun (DF-DM530GG)  
 Knockdown Tool (DF-KDTE)  
 Round Knockdown Tip (DF-KDRT)  
 Pointed Knockdown Tip (DF-KDPT)  
 Squeeze Puller (DF-DM540SP)  
 Slide Hammer (DF-DM530SH)  
 T-Puller (DF-TPG)  
 Shaping Tools  
 Plastic Scraper Stick (DF-WK30)  
 Release Agent (DF-DM520RA)  
 Blow Molded Case

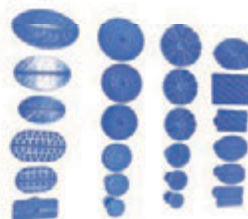
### Optional Upgrades:

High Strength Glue (DF-HS10)  
 Prof. Strength Glue (DF-PG10)



## PDR NIBS (10 pc)

SHAPE   TEXTURE	SIZE	PART #	SHAPE   TEXTURE	SIZE	PART #
Round   Ridge	15mm	DF-DM15PR	Oval   Ridge	49x33mm	DF-DM49RO
Round   Ridge	20mm	DF-DM20PR	Oval   Dimples	30x20mm	DF-DM30DO
Round   Ridge	25mm	DF-DM25PR	Oval   Dimples	39x25mm	DF-DM39DO
Round   Ridge	32mm	DF-DM32PR	Oval   Pimple	34x23mm	DF-DM34PO
Round   Ridge	36mm	DF-DM36PR	Oval   Pimple	40x28mm	DF-DM40PO
Round   Ridge	41mm	DF-DM41PR	Rectangle   Ridge	35x24mm	DF-DM35RR
Round   Pimple	32mm	DF-DM32FP	Rectangle   Ridge	49x33mm	DF-DM49RR
Round   Pimple	36mm	DF-DM36FP	Rectangle   Pimple	30x20mm	DF-DM30PR
Round   Pimple	41mm	DF-DM41FP	Rectangle   Lines	32x17mm	DF-DM32RL
Round   Dimple	16mm	DF-DM16PD			
Round   Dimple	21mm	DF-DM21RD			
Round   Dimple	26mm	DF-DM26RD			
Oval   Spine	33x23mm	DF-DM33SO			
Oval   Spine	40x28mm	DF-DM40SO			
Oval   Spine	48x33mm	DF-DM48SO			



Variety Pack  
(24 Piece)  
DF-DM24VP





## GLUE PULLER XTREME

DF-GPX

- Fix major dents with no heat input
- Critical for repairing heat sensitive materials
- Save time by avoiding welding/arc procedures
- Repair without damaging undercoating



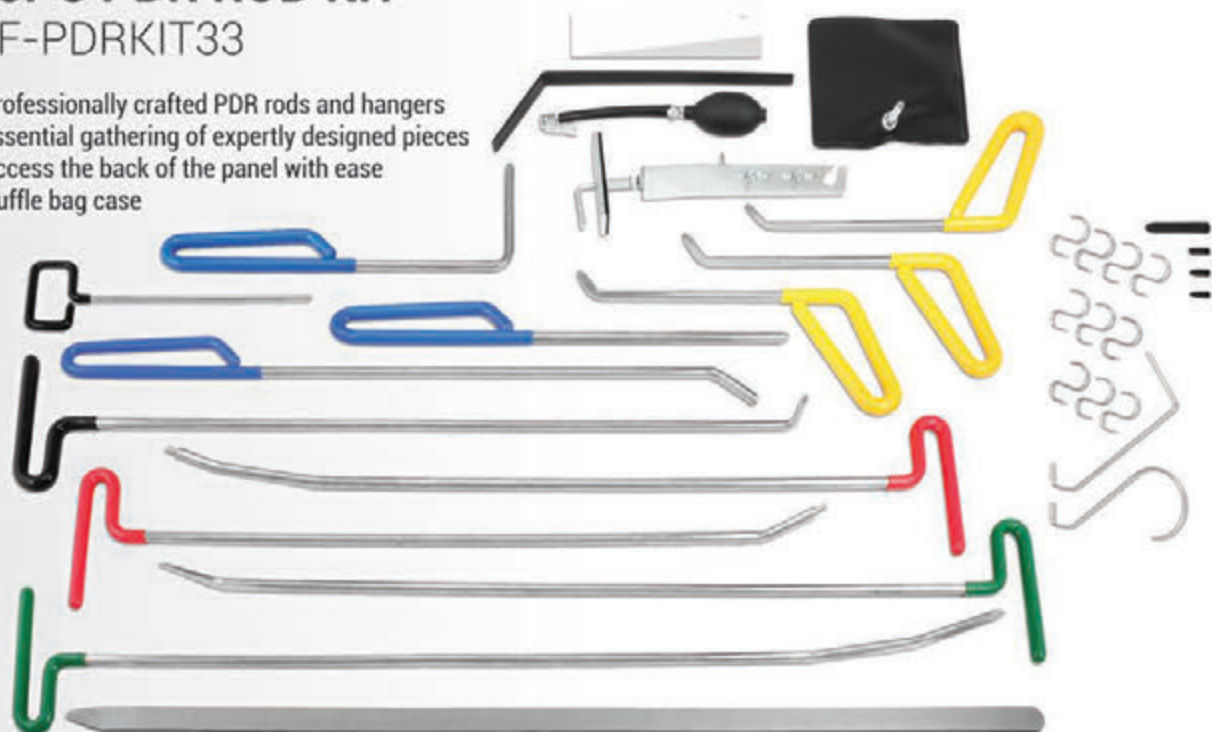
**Kit Includes:**  
 Ringed Pulling Pads (1-5 Ringed)  
 Knockdown Tool with 4 Heads  
 Pulling Rig with 3 bars  
 Plastic Scraper Stick (DF-WK30)  
 Release Agent  
 Glue Gun  
 Glue Samples  
 Blow Molded Case

**Optional Upgrades:**  
 High Strength Glue (DF-HS10)  
 Prof. Strength Glue (DF-PG10)

## 33PC PDR ROD KIT

DF-PDRKIT33

- Professionally crafted PDR rods and hangers
- Essential gathering of expertly designed pieces
- Access the back of the panel with ease
- Duffle bag case

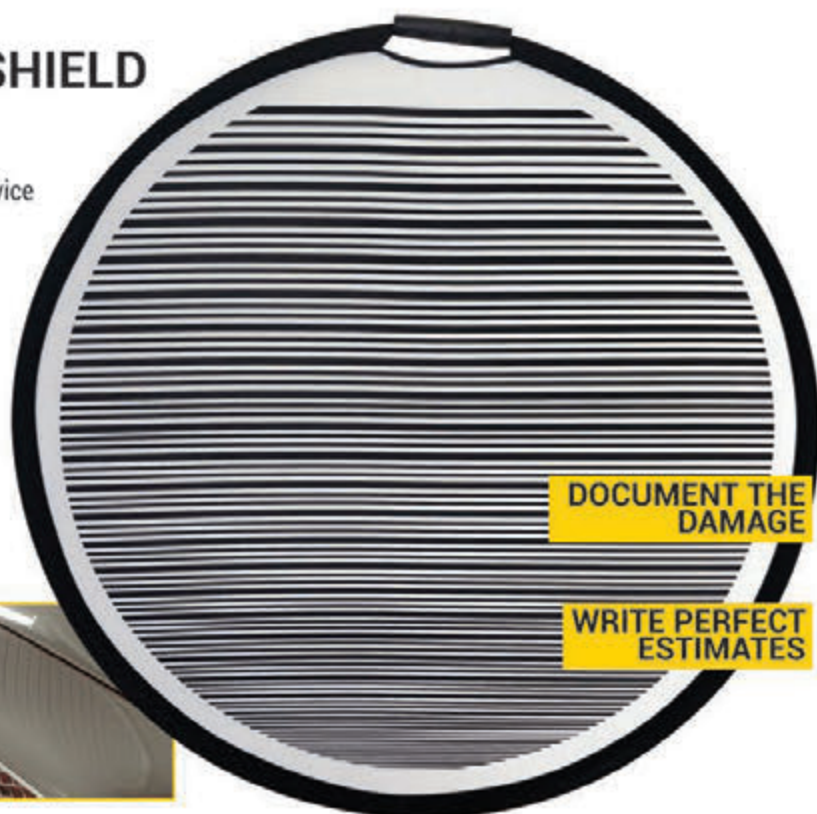


## DING ENHANCER SHIELD

DF-DM55DE

From body shop estimating to dealer service check-ins, document the damage by highlighting the dings.

- Sturdy grab handle
- Large 31" diameter
- Collapsible with storage bag



DOCUMENT THE  
DAMAGE

WRITE PERFECT  
ESTIMATES





## 8PC PDR ROD KIT

DF-PDRKIT8

- Great introductory set of PDR tools
- All basic tools needed to start working
- Case zips up for easy transportation



## DEAD BLOW HAMMER KIT

DF-DB79K

- Gently knock down high spots
- Remove glue residue with the wedge end
- Include case to store hammer & tips
- Option: Hammer Only # DF-DB69



BRASS

BRASS

PLASTIC



RUBBER

ALUMINUM

STEEL



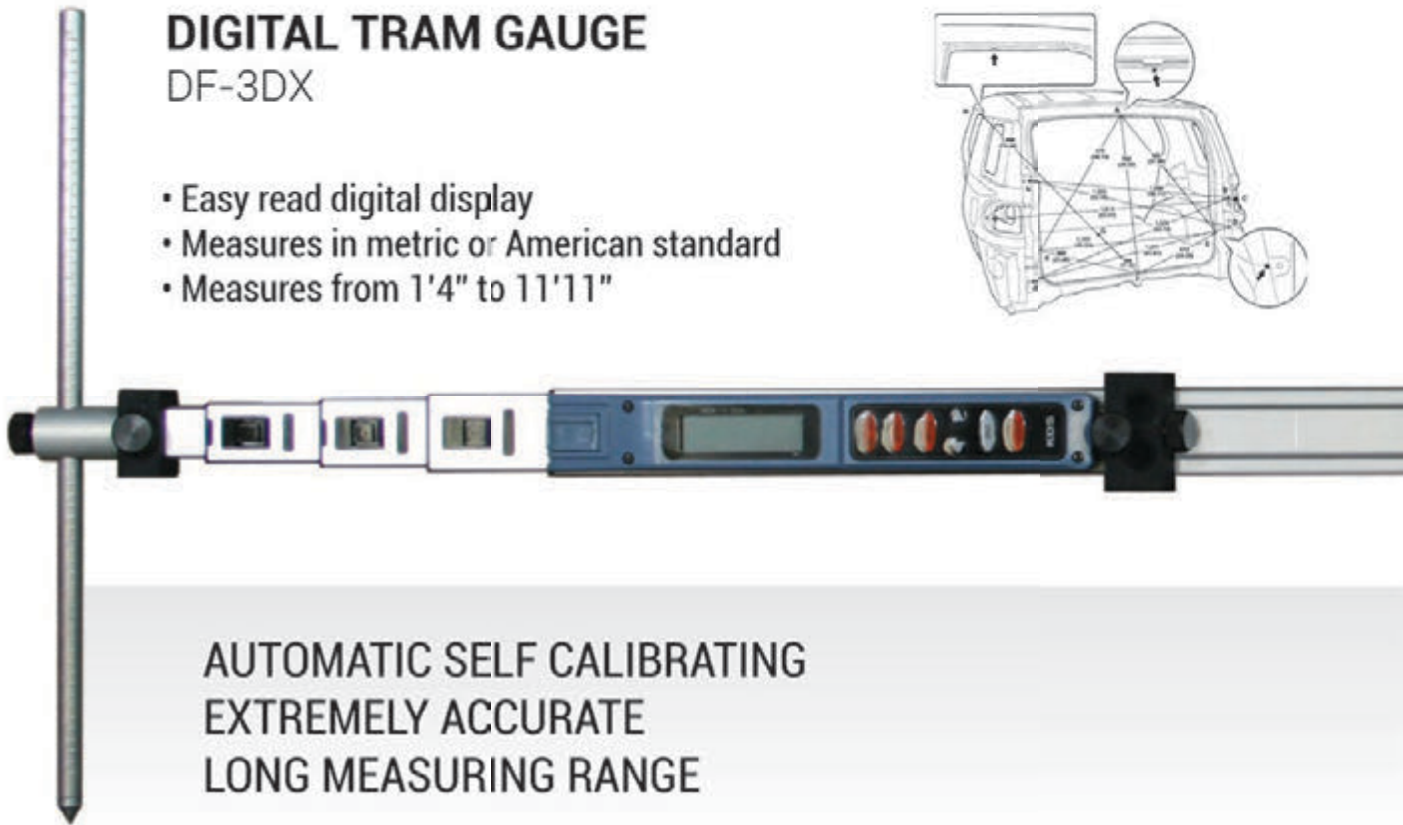
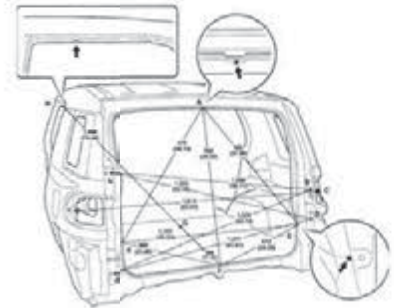
**GREAT FOR  
PDR WORK**

**SIX TIPS  
INTERCHANGABLE**



## DIGITAL TRAM GAUGE DF-3DX

- Easy read digital display
- Measures in metric or American standard
- Measures from 1'4" to 11'11"



AUTOMATIC SELF CALIBRATING  
EXTREMELY ACCURATE  
LONG MEASURING RANGE

## SWISS TRAM DF-3

HIGHLY  
ACCURATE

10'6"  
MAX

- Accurate to +/- 1.0mm
- Easy to read tape measure
- Measures 3' to 10'6"

### Kit Includes:

- |                                    |                               |
|------------------------------------|-------------------------------|
| x2 - 350mm Pointers                | x2 - Cone Pointers (DF-1180)  |
| x2 - Right Angle Pointers (DF-121) | x2 - Bullet Pointers (DF-120) |
| x1 - Nylon Storage Bag             |                               |

### Optional Equipment:

- Tram  
Shortener  
(DF-311)







Digital Display: Easy to read LCD screen vividly shows measurement readouts. Measures in both metric and American standard

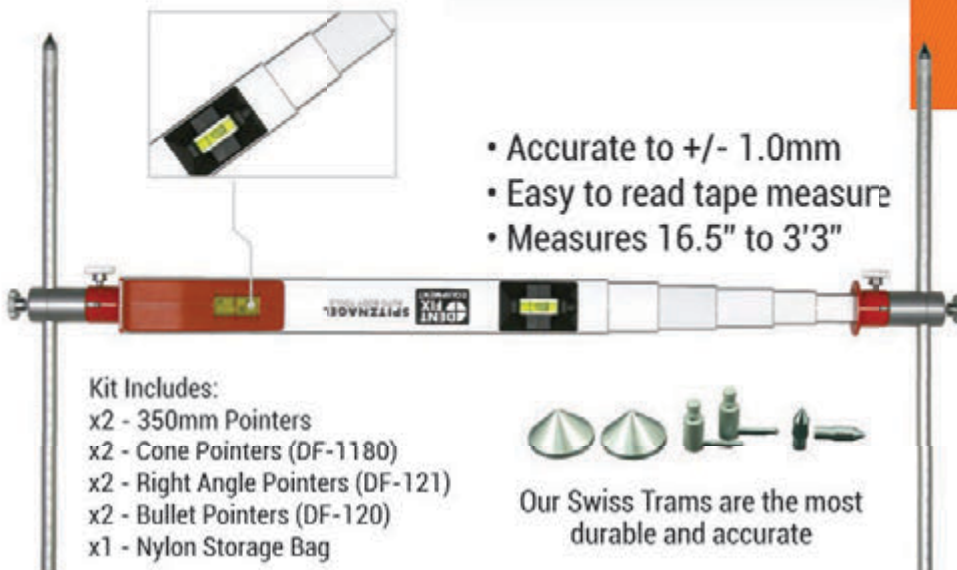
- Kit Includes:
- x3 - 350mm Pointers (DF-301)
  - x2 - 110mm Pointers (DF-302)
  - x2 - Cone Pointers
  - x2 - Bullet Pointers
  - x2 - Pointer Holders
  - x4 - AA Batteries
  - x1 - Blow Molded Case
- Optional Equipment:
- 700mm Pointers (DF-309)

**11' 11"**  
**MAX**

## MINI TRAM DF-3S

**MINI & HIGHLY  
ACCURATE**

**3'3"**  
**MAX**



- Accurate to +/- 1.0mm
- Easy to read tape measure
- Measures 16.5" to 3'3"

- Kit Includes:
- x2 - 350mm Pointers
  - x2 - Cone Pointers (DF-1180)
  - x2 - Right Angle Pointers (DF-121)
  - x2 - Bullet Pointers (DF-120)
  - x1 - Nylon Storage Bag



Our Swiss Trams are the most durable and accurate

## 5 METER TRAM DF-3TC5A

### VALUE ADDED TRAM

**5**  
METER

- Easy read widow display
- Includes nylon storage bag
- Measures 3'6" to 15'4"

#### Kit Includes:

x2 - 350mm Pointers

x1 - Nylon Bag

#### Optional Equipment:

110mm Pointers (DF-302)

## SELF CENTERING TIPS DF-3TCAS

### POINTERS ARE SELF CENTERING

**8**  
PIECE KIT

- No more second guessing when centering
- Higher accuracy when measuring
- Upgrade for DF-3TC3A & DF-3TC5A

#### Kit Includes:

x2 Cone Adapters

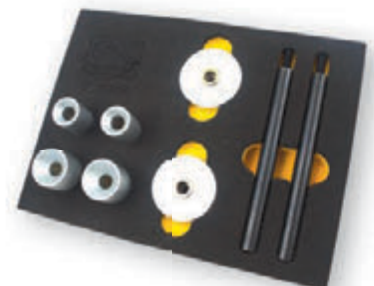
x2 Small Bolt Adapters

x2 Large Bolt Adapters

x2 Extension Bars

Foam Drawer Insert

**MORE ACCURATE  
MEASUREMENTS**

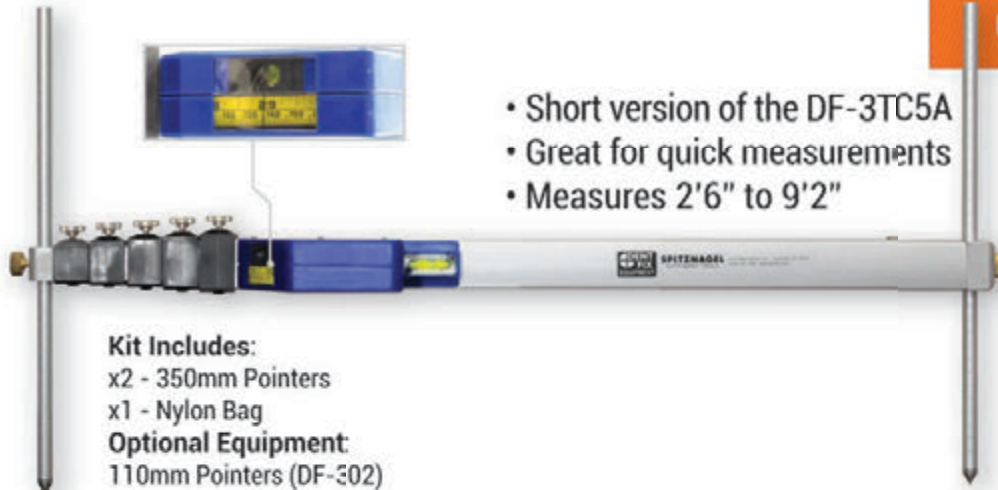




## 3 METER TRAM DF-3TC3A

GREAT FOR ESTIMATES

3  
METER



- Short version of the DF-3TC5A
- Great for quick measurements
- Measures 2'6" to 9'2"

**Kit Includes:**

x2 - 350mm Pointers

x1 - Nylon Bag

**Optional Equipment:**

110mm Pointers (DF-302)

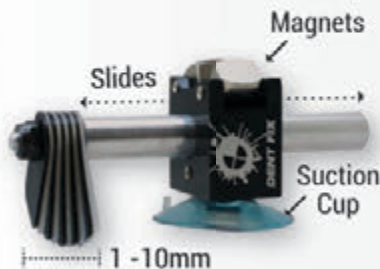
## PERFECT GAP GAUGE DF-PG213

- Eliminates the guess work
- Sets the gap width to factory specifications
- 1 to 10mm (1mm per spacer, 10 total)



SET OF 2  
INCLUDED

SET EXACT  
FENDER GAP



## BODYLINE TOOL DF-BL10A

- Re-create fender curve lines perfectly
- Made in the USA



TRACE PERFECT  
FENDER LINE

Trace block is  
adjustable up  
and down



## FLEX-O-LIGHT DF-LED110

- Bright light with multiple mounting options
- Illuminate the out of sight areas
- 1 Year warranty

### CLAMP, STICK, or HANG IT



CLAMP IT - To Edge of a workbench



STICK IT - On any ferrous metal surface



HANG IT - Anywhere

STRETCH IT - Up to 22.64"

Standard 9.8" (250mm)

Stretched 22.64" (575mm)



Beam Distance



Impact Resistance



Light Output



Run Time

## MAGNETIC LED LIGHT DF-LED935

- Super bright COB (Chip on board) LED
- Hang the lamp by the magnetic swivel base
- Adjustable dimmer switch



USB RECHARGE

935 LUX



MAX HOURS

12

CHARGE TIME

4 HOURS

MAX LUX

935

BATTERY

LI-ION



LIGHTS



**MAGNETIC CLAMP**

DF-PC203

- Strong & fast way to secure parts
- For a controlled spray painting/coating
- Magnetic base & powerful wedge grip

**SUSPENDS THE  
OBJECT****ALSO AVAILABLE  
FLEXIBLE UNIT****FLEXIBLE  
NECK**

DF-FC205

**DOOR PROP STICK**

DF-DPS1

- Secures a door, hatch, or hood in one position
- Three adjustments settings (11", 13", 15")
- Good for left or right use

**WORKS GREAT  
FOR PDR**

## TORNADOR BLACK

DF-Z020



### TURBO CHARGED

3,600

RPM

- Double the power of the Tornador Classic
- Low wear and maintenance
- Feature & Benefit

#### AIR PRESSURE

5.2-6.4 CFM @ 90PSI

#### AIR INLET

1/4"

#### FREE SPEED RPM

3,600

#### WEIGHT (DRY)

1.34 lbs

## TORNADOR CLASSIC

DF-Z010



### ADD LIQUID CLEANERS

90

PSI

- Pulse cleaning gun with reservoir
  - Excellent for soft surface cleaning
  - Efficiently delivers additives in a fine mist
- ALSO AVAILABLE: WITH BRUSH (DF-Z010B)**

#### AIR PRESSURE

5.2-6.4 CFM @ 90PSI

#### AIR INLET

1/4"

#### JAR CAPACITY

32 oz

#### WEIGHT (DRY)

1.34 lbs





## TORNADOR BLOW OUT TOOL

DF-Z014



### PULSE CLEANING

70

PSI

- Pulsation of air will beat the dirt out
- Durable alloy construction
- Patented tube provides tornador action

#### AIR PRESSURE

5.2-6.4 CFM @ 70PSI

#### AIR INLET

1/4"

#### FREE SPEED

3,600

#### WEIGHT

15 oz

## FOAM GUN

DF-Z011



### INSTANT FOAM

32

OZ JAR

- Generates suds for gentle application
- Complete coverage with limited waste
- High density foamer tips add control

#### AIR PRESSURE

5.2-6.4 CFM @ 90PSI

#### AIR INLET

1/4"

#### LIQUID CONSUMPTION

@70 PSI 1 min: 32 oz

#### WEIGHT

2 lbs (0.90 kgs)



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VIDEOS PAGE

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