



ES Manufacturing, Incorporated

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Engineered Solutions

Makers of fine tools and accessories for the
fiberglass and composite industries



2647 24th Street North, Saint Petersburg, Florida USA



Failure to return the warranty sheet with a copy of
the original sales receipt, will void warranty.

DSA-150, DSA-150HD, DSA-150-V25C DSA-20 & DSA-050-V25C Dry Spray Attachments

Documentation & Warranty Packet

Thank you for purchasing the DSA Dry Spray Attachment. If properly maintained, this spraying attachment will provide years of trouble free service.

Warranty

This DSA Dry Spray Attachment is warranted against defects for a period of sixty (60) day. Keep your original sales receipt for proof of purchase. ES Manufacturing, Inc. will replace or repair any defective part, either directly or through the distributor at the option of ES Manufacturing, Inc. ES Manufacturing is *not* responsible for transportation cost to ES Manufacturing. ES Manufacturing is not responsible for damage, loss, lost production or any other expenses due to the failure of this product. This warranty in no way guarantees the suitability of equipment for use with any material. No other warranty is expressed or implied.

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DSA-150 Assembly Instructions

1. Insert eight 5/16-18 carriage bolts (chrome) through 15 gallon tank (DSA-001-150) from the inside and the four legs supplied. (With the legs facing inward.)
2. Tighten eight supplied 5/16-18 nuts drawing the carriage bolts into the plastic tank (DSA-001-150).
3. Insert four 5/16-18 socket cap screws (black) through lower leg section and the 12" x 12" base plate.
4. Tighten four supplied 5/16-18 acorn nuts from the bottom of plate (DSA-003). These nuts are what your DSA-150 will set on.
5. Screw vacuum generator assembly (DSA-004-150) into the black bottom of the graduated 15 gallon tank.
6. Connect material hose (DSA-007) to the vacuum assembly (DSA-004) and the small green hose (DSA-005) to the elbow fitting (DSA-014), mounted to either the regulator or 4-way valve depending on model purchased.
7. Mount nozzle fitting and assembly (DSA-008) to desired position on gelcoat gun. (Many gun manufacturers have custom mounting brackets)
8. Connect green activation line (DSA-005) to chopper port of gun head using supplied push lock fitting (DSA-011 & DSA-010), or supplied manual air source assembly (DSA-MASA) depending on the model purchased.
9. You may also connect supplied shut off valve (DSA-009) or MASA valve to chopper port intermittent use is desired.
10. For spraying granites, you will need 10-15 PSI. For heavier materials you may need to increase the air pressure.
11. Subtract sections from supplied Loc-Line material from assembly DSA-008 as needed for your specific gun.

DSA-020 Assembly Instructions

1. Screw the one or two gallon nalgene container into the venturi valve.
 2. Follow instructions 6 through 9 from above DSA-150 Assembly instructions.
 3. For spraying granites, you will need 10-15 PSI. For heavier materials you may need to increase the air pressure.
 4. Subtract sections from supplied Loc-Line material from assembly DSA-008 as needed for your specific gun.
- ** See supplemental instructions to assist you with your particular gun.**

INSTRUCCIONES DEL DSA-150

1. Inserte los ocho 5/16-18 clavijos de carruaje dentro del tanque de 15 galones (DSA-001-150) hacia fuera y las cuatro patas.(Con las patas en direccion adentro)
2. Apriete las ocho tuercas de 5/16-18 conduciendo los clavijos de carruaje hacia el tanque plastico (DSA-001-150).
3. Inserte los cuatros tornillos de gorra casquillo 5/16-18 (negro) por la seccion baja de la pata y el plato de base . 12" x 12"
4. Apriete las cuatro tuercas de bellota 5/16-18 abajo de plato (DSA-003). Estas tuercas seran lo que el DSA-15 estara sentado.
5. Desenrosca la tuerca redonda de la asamblea de vacio (DSA-004). Pase la asamblea de vacio (DSA-004) por medio del agujero grande al fondo del tanque de plástico (DSA-001-150) y use la tuerca redonda para apretar desde adentro.
6. Conecte la Manguera del material (DSA-007) con la asamblea de vacio (DSA-004), y la linea pequena verde(DSA-005) con la union de codo (DSA-014).Montada a cualquier un de los reguladores o la 4-way válvula dependiendo del modelo.
7. Monte la asamblea de la boquilla (DSA-008) en la posición que desea en la pistola de gelcoat. (La mayoría de los fabricantes de pistolas roceadoras tienen soportes especial de montaje)
8. Conecte la linea de activar verde (DSA-005) al porte de la cortadora usando la union de empuje (DSA-001 y DSA-010).O el manual de instruccones (DSA-MASA) dependiendo del modelo.
9. Usted tambien puede conectar la valvula de apagar (DSA-009) al porte de la coradora si desea uso intermitente.
10. Para rociar granito es necesario 10-15 PSI. Para materiales mas pesados, almentar la pression del aire.
11. Sustraer secciones de los materiales Loc-Line de la (DSA-008) se for necesario para la pistola especifica.

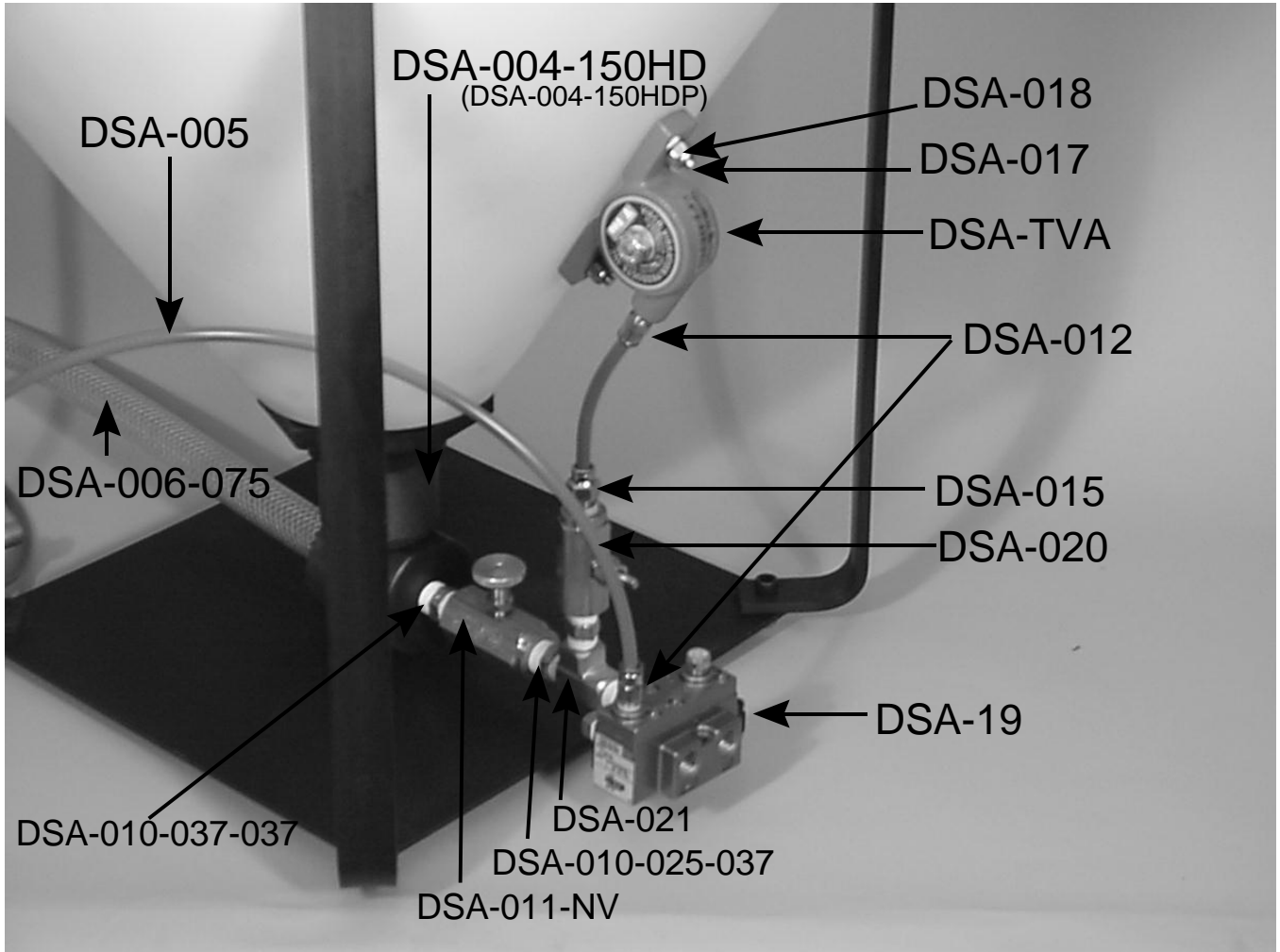
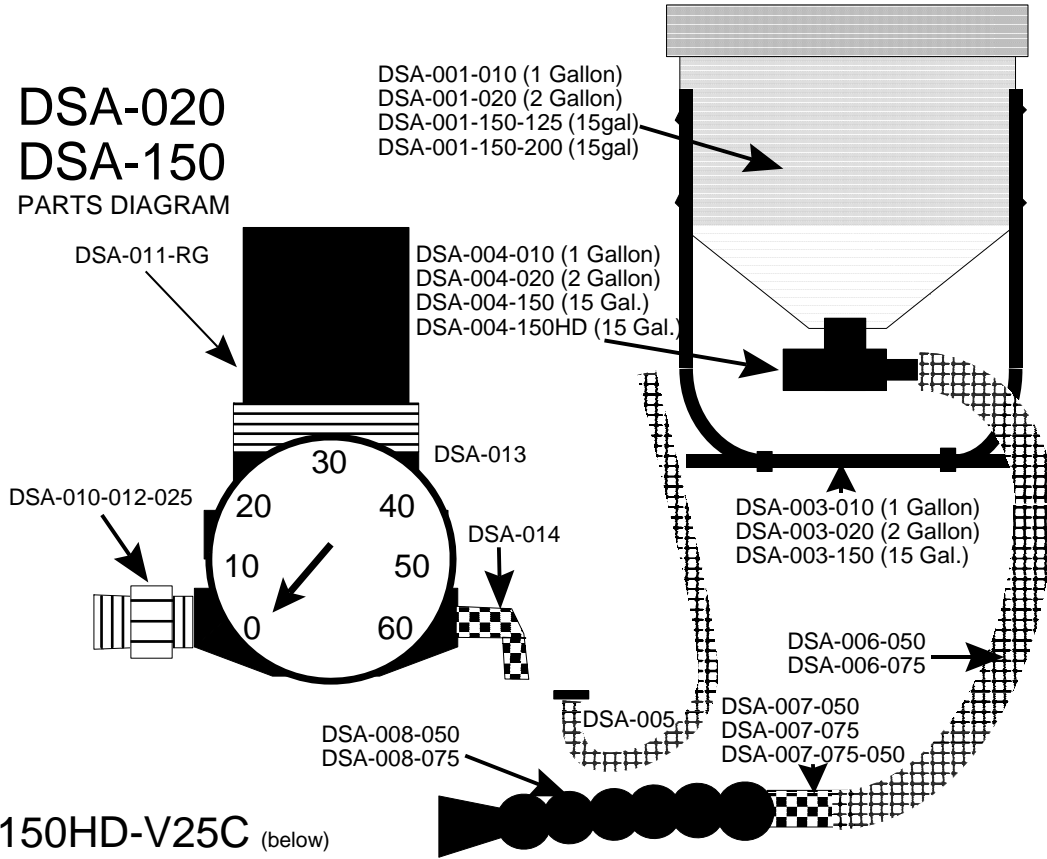
INSTRUCCIONES PARA EL DSA-020/DSA-010

1.

Enrosque el envase plástico de un galón.

2. Siga las instrucciones de 6 a 9 de las instrucciones de lo DSA-150.
 3. Para rociar granito es necesario 10-15 PSI. Para materiales mas pesados, aumentar la presión del aire.
 4. Sustraer secciones de los materiales Loc-Line de la (DSA-008) se for necesario para la pistola especifica.
- ** Ver las instrucciones suplementarles para la asistencia de su debida pistola.**

**DSA-020
DSA-150
PARTS DIAGRAM**



DSA-150, DSA-20, DSA-050



Please take a few minutes to fill out the below warranty sheet. You must return this sheet with a copy of your sales receipt. It will help us with quick support and service.

ES MANUFACTURING, INC.
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ST. PETERSBURG, FL 33733- 1692 USA



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(727) 323-4040 800-55ES-MFG

FOLD HERE

www.esmfg.com

sales@esmfg.com

Model Purchased _____

Date of Purchase: _____

Company Name: _____

Street Address: _____

City / State / Zip; _____

Phone#: _____ Fax#: _____

Contact: _____

E-Mail address: _____ Website: _____

Primary Line of Business: _____

Primary use for the DSA: Granite / Metalflake / Filler / Other

If other, please explain: _____

Is this your first ES Mfg., Inc. purchase? Yes No

Who did you purchase this unit from?: _____

What was your purchase price?: _____

What brand of spray system are you using?: _____

Which was more important in your purchase?:

Simplicity

Effectiveness

Price

Reputation

Would you like a free catalog?: Yes No

Comments: _____

Please return this sheet in the attached envelope.