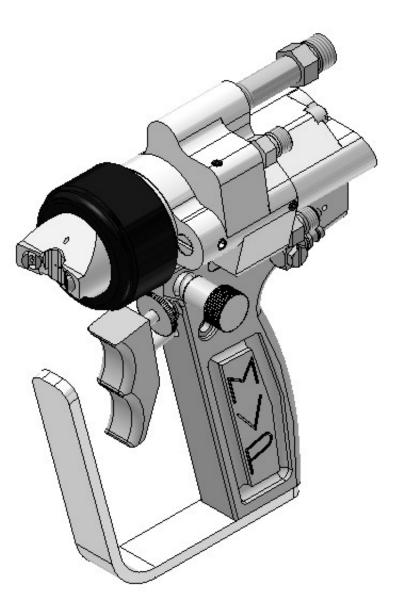
# ATG Gelcoat Gun Manual

This manual is applicable to the following models:

- ATG-3500
- ATG-6500





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Use of this product confirms that Magnum Venus Products, Inc.'s standard terms and conditions of sale apply.



# **A** Table of Contents

S	ection	Page
•	Table of Contents	3
•	Safety & Warning Information	4
•	Introduction	15
•	Disassembling the Gun	16
•	Servicing Gun Handle	16
•	Repairing Cylinder	17
•	Repairing Gun Head	17
•	Troubleshooting	20
•	Parts Drawings	21



# Safety & Warning Information

# Warnings 🔔

Due to the vast number of chemicals that could be used and their varying chemical reactions, the buyer and user of this equipment should determine all factors relating to the fluids used, including any of the potential hazards involved. Particular inquiry and investigation should be made into potential dangers relating to toxic fumes, fires, explosions, reaction times, and exposure of human beings to the individual components or their resultant mixtures. MVP assumes no responsibility for loss, damage, expense or claims for bodily injury or property damage, direct or consequential, arising from the use of such chemical components.

The end user is responsible for ensuring that the end product or system complies with all the relevant laws in the country where it is to be used and that all documentation is adhered to.

### Recommended Occupational Safety & Health Act (OSHA) Documentation:

- 1910.94 Pertaining to ventilation
- 1910.106 Pertaining to flammable liquids
- 1910.107 Pertaining to spray finishing operations, particularly paragraph (m), Organic Peroxides and Dual Component Coatings

For Additional information, contact the Occupational Safety and Health Administration (OSHA) at <u>https://www.osha.gov/about.html</u>.

#### **Recommended National Fire Protection Association (NFPA) Documentation:**

- NFPA No.33 Chapter 14
   Organic Peroxides and Dual Component Materials
- NFPA No. 63 Dust Explosion Prevention
- NFPA No. 70 National Electrical Code
- NFPA No. 77 Static Electricity
- NFPA No. 91 Blower and Exhaust System
- NFPA No. 654 Plastics Industry Dust Hazards

**Fire Extinguisher** – code ABC, rating number 4a60bc using Extinguishing Media –Foam, Carbon Dioxide, Dry Chemical, Water Fog, is recommended for this product and applications.

The following general warnings and guidelines are for the setup, use, grounding, maintenance, and repair of equipment. Additional product-specific warnings may be found throughout this manual as applicable. Please contact your nearest MVP Technical Service Representative if additional information is needed.



#### **Safety Precautions**

- Avoid skin contact and inhalation of all chemicals.
- Review Material Safety Data Sheet (MSDS) to promote the safe handling of chemicals in use.
- Restrict the use of all chemicals to designated areas with good ventilation.
- Chemicals are flammable and reactive.
- Noxious fumes released when combusted.
- Operate equipment in a ventilated environment only.
- Uncured liquid resins are highly flammable unless specifically labeled otherwise.
- Cured laminate, accumulations of overspray, and laminate sandings are highly combustible.
- Do not operate or move electrical equipment when flammable fumes are present.
- Ground all equipment.
- If a spark is seen or felt, immediately halt operation. Do not operate the equipment until the issue has been identified and repaired.
- Contaminated catalyst may cause fire or explosion.
- Containers may explode if exposed to fire / heat.
- Use and store chemicals away from heat, flames, and sparks.
- Do not smoke in work areas or near stored chemicals.
- Do not mix Methyl Ethyl Ketone Peroxide (MEKP) with materials other than polyethylene.
- Do not dilute MEKP.
- Keep food and drink away from work area.





<u> </u>	cal Hazards
•	Never look directly into the spray gun fluid tip. Serious injury or death can result.
•	Never aim the spray gun at or near another person. Serious injury or death can result.
•	Chemical compounds can be severely irritating to the eyes and skin.
•	Inhalation, ingestion, or injection may damage internal organs and lead to pulmonary disorders, cancer
	lymphomas, and other diseases or health conditions.
٠	Other potential health effects include: irritation of the eyes and upper respiratory tract, headache, light
	headedness, dizziness, confusion, drowsiness, nausea, vomiting, and occasionally abdominal pain.
٠	Eye contact: Immediately flush with water for at least 15 minutes and seek immediate medical attention
•	Skin Contact: Immediately wash with soap and water and seek immediate medical attention.
•	Inhalation: Move the person to fresh air and seek immediate medical attention.
•	Do not remove shields, covers, or safety features on equipment that is in use.
•	Never place fingers, hands, or any body part near or directly in front of the spray gun fluid tip. The force
	of the liquid as it exits the spray tip can shoot liquid through the skin.
٠	Keep hands and body parts away from any moving equipment or components.
•	Do not stand under plunger
•	An improperly loaded drum may lead to an imbalance, causing a unit to tip over
CAI	TION CORROSIVE

### Personal Protective Equipment (PPE)

- MVP recommends the use of personal safety equipment with all products in our catalog.
- Wear safety goggles, hearing protection, a respirator, and chemical resistant gloves.
- Wear long sleeve shirts or jackets and pants to minimize skin exposure.
- PPE should be worn by operators and service technicians to reduce the risk of injury.



For Additional information, contact the Occupational Safety and Health Administration (OSHA). <u>https://www.osha.gov/about.html</u>



# Symbol Definitions



Indicates the risk of contact with chemicals that are hazardous, which may lead to injury or death.



Indicates the risk of contact with voltage / amperage that may lead to serious injury or death



Indicates that the materials being used are susceptible to combustion



Indicates the risk of contact with moving components that may lead to serious injury or death.



Indicates that the system or component should be grounded before proceeding with use or repair.



Indicates the use of lit cigarettes or cigars is prohibited, because the materials being used are susceptible to combustion.



Indicates that the materials and/or the process being performed can lead to ignition and explosion.



A recommendation for the use of Personal Protective Equipment (PPE) before using or repairing the product.



# Polymer Matrix Materials: Advanced Composites

Potential health hazards associated with the use of advanced composites can be controlled through the implementation of an effective industrial hygiene and safety program.

#### https://www.osha.gov/dts/osta/otm/otm\_iii/otm\_iii\_1.html#t iii:1\_1

Resins				
Composite Component	Organ System Target	Known (Possible) Health Effect		
	(Possible Target)			
Epoxy resins	Skin, lungs, eyes	Contact and allergic dermatitis,		
		conjunctivitis		
Polyurethane resins	Lungs, skin, eyes	Respiratory sensitization, contact		
-		dermatitis, conjunctivitis		
Phenol formaldehyde	Skin, lungs, eyes	As above (potential carcinogen)		
Bismaleimides (BMI)	Skin, lungs, eyes	As above (potential carcinogen)		
Polyamides	Skin, lungs, eyes	As above (potential carcinogen)		
Reinforcing materials				
Composite Component	Organ System Target	Known (Possible) Health Effect		
	(Possible Target)			
Aramid fibers	Skin (lungs)	Skin and respiratory irritation, contact		
Aramid libers	Okin (iungs)	dermatitis (chronic interstitial lung disease)		
Carbon/graphite fibers	Skin (lungs)	As noted for aramid fibers		
Glass fibers (continuous	Skin (lungs)	As noted for aramid fibers		
filament)	Okin (idings)			
Hardeners and curing agents				
Composite Component	Organ System Target	Known (Possible) Health Effect		
	(Possible Target)			
Diaminodiphenylsulfone	N/A	No known effects with workplace		
Daminoupnenyisunone		exposure		
Methylenedianiline	Liver, skin	Hepatotoxicity, suspect human carcinogen		
Other aromatic amines				
Composite Component	Organ System Target	Known (Possible) Health Effect		
	(Possible Target)			
Moto phonylopodiamino (MPDA)	Liver, skin (kidney,	Hepatitis, contact dermatitis (kidney and		
Meta-phenylenediamine (MPDA)	bladder)	bladder cancer)		
Aliphatic and cyclo-aliphatic	Eyes, skin	Severe irritation, contact dermatitis		
amines				
Polyaminoamide	Eyes, skin	Irritation (sensitization)		
Anhydride	Eyes, lungs, skin	Severe eye and skin irritation, respiratory		
		sensitization, contact dermatitis		



# Catalyst - Methyl Ethyl Ketone Peroxide (MEKP)

MEKP is among the more hazardous materials found in commercial channels. The safe handling of the "unstable (reactive)" chemicals presents a definite challenge to the plastics industry. The highly reactive property which makes MEKP valuable to the plastics industry in producing the curing reaction of polyester resins also produces the hazards which require great care and caution in its storage, transportation, handling, processing and disposal. MEKP is a single chemical. Various polymeric forms may exist which are more or less hazardous with respect to each other. These differences may arise not only from different molecular structures (all are, nevertheless, called "MEKP") and from possible trace impurities left from the manufacture of the chemicals, but may also arise by contamination of MEKP with other materials in its storage or use. Even a small amount of contamination with acetone, for instance, may produce an extremely shock-sensitive and explosive compound.



### WARNING

Contamination with promoters, materials containing promoters (such as laminate sandings), or with any readily oxidizing material (such as brass or iron) will cause exothermic redox reactions which can be explosive in nature. Heat applied to MEKP or heat buildup from contamination reactions can cause the material to reach its Self-Accelerating Decomposition Temperature (SADT).

Researchers have reported measuring pressure rates-of-rise well over 100,000 psi per second when certain MEKP's reach their SADT. For comparison, the highest-pressure rate-of-rise listed in NFPA Bulletin NO.68, "Explosion Venting", is 12,000 psi per second for an explosion of 12% acetylene and air. The maximum value listed for a hydrogen explosion is 10,000 psi per second. Some forms of MEKP, if allowed to reach their SADT, will burst even an open topped container. This suggests that it is not possible to design a relief valve to vent this order of magnitude of pressure rate-of-rise. The user should be aware that any closed container, be it a pressure vessel, surge chamber, or pressure accumulator, could explode under certain conditions. There is no engineering substitute for care by the user in handling organic peroxide catalysts. If, at any time, the pressure relieve valve on top of the catalyst tank should vent, the area should be evacuated at once and the fire department called. The venting could be the first indication of a heat, and therefore, pressure build-up that could eventually lead to an explosion. Moreover, if a catalyst tank is sufficiently full when the pressure relief valve vents, some catalyst may spray out, which could cause eye injury. For this reason, and many others, anyone whose job puts them in an area where this vented spray might go, should always wear full eye protection even when laminating operations are not taking place.

Safety in handling MEKP depends to a great extent on employee education, proper safety instructions, and safe use of the chemicals and equipment. Workers should be thoroughly informed of the hazards that may result from improper handling of MEKP, especially regarding contamination, heat, friction and impact. They should be thoroughly instructed regarding the proper action to be taken in the storage, use, and disposal of MEKP and other hazardous materials used in the laminating operation. In addition, users should make every effort to:

- Store MEKP in a cool, dry place in original containers away from direct sunlight and away from other chemicals.
- Keep MEKP away from heat, sparks, and open flames.
- Prevent contamination or MEKP with other materials, including polyester over spray and sandings, polymerization accelerators and promoters, brass, aluminum, and non-stainless steels.



- Never add MEKP to anything that is hot, since explosive decomposition may result.
- Avoid contact with skin, eyes, and clothing. Protective equipment should be worn at all times. During clean-up of spilled MEKP, personal safety equipment, gloves, and eye protection must be worn. Firefighting equipment should be at hand and ready.
- Avoid spillage, which can heat up to the point of self-ignition.
- Repair any leaks discovered in the catalyst system immediately, and clean-up the leaked catalyst at once in accordance with the catalyst manufacturer's instructions.
- Use only original equipment or equivalent parts from Magnum Venus Products in the catalyst system (i.e.: hoses, fitting, etc.) because a dangerous chemical reaction may result between substituted parts and MEKP.
- Catalyst accumulated from the purging of hoses or the measurement of fluid output deliveries should never be returned to the supply tank, such catalyst should be diluted with copious quantities of clean water and disposed of in accordance with the catalyst manufacturer's instructions.

The extent to which the user is successful in accomplishing these ends and any additional recommendations by the catalyst manufacturer determines largely the safety that will be present in his operation.

## **Clean-Up Solvents and Resin Diluents**



### **WARNING**

A hazardous situation may be present in your pressurized fluid system! Hydro carbon solvents can cause an explosion when used with aluminum or galvanized components in a closed (pressurized) fluid system (pump, heaters, filters, valves, spray guns, tanks, etc.). An explosion could cause serious injury, death, and/or substantial property damage. Cleaning agents, coatings, paints, etc. may contain Halogenated Hyrdrocarbon solvents. Some Magnum Venus Products spray equipment includes aluminum or galvanized components and will be affected by Halogenated Hydrocarbon solvents.

There are three key elements to the Halogenated Hyrdocarbon (HHC) solvent hazard.

- 1. The presence of HHC solvents.
- 2. Aluminum or Galvanized Parts.
- Equipment capable of withstanding pressure.

1,1,1 – Trichloroethane and Methylene Chloride are the most common of these solvents. However, other HHC solvents are suspect if used; either as part of paint or adhesives formulation, or for clean-up flushing. Most handling equipment contains these elements. In contact with these metals, HHC solvents could generate a corrosive reaction of a catalytic nature.

When HHC solvent contact aluminum or galvanized parts inside a
 closed container such as a pump, spray gun, or fluid handling system,
 the chemical reaction can, over time, result in a build-up of heat and
 pressure, which can reach explosive proportions. When all three
 elements are present, the result can be an extremely violent explosion.
 The reaction can be sustained with very little aluminum or galvanized
 metal; any amount of aluminum is too much.



- The reaction is unpredictable. Prior use of an HHC solvent without incident (corrosion or explosion) does NOT mean that such use is safe. These solvents can be dangerous alone (as a clean-up or flushing agent) or when used as a component or a coating material. There is no known inhibitor that is effective under all circumstances. Mixing HHC solvents with other materials or solvents such as MEKP, alcohol, or toluene may render the inhibitors ineffective.
- The use of reclaimed solvents is particularly hazardous. Reclaimers may not add any inhibitors. The possible presence of water in reclaimed solvents could also feed the reaction.
- Anodized or other oxide coatings cannot be relied upon to prevent the explosive reaction. Such coatings can be worn, cracked, scratched, or too thin to prevent contact. There is no known way to make oxide coatings or to employ aluminum alloys to safely prevent the chemical reaction under all circumstances.
- Several solvent suppliers have recently begun promoting HHC solvents for use in coating systems. The increasing use of HHC solvents is increasing the risk. Because of their exemption from many state implementation plans as Volatile Organic Compounds (VOCs), their low flammability hazard, and their not being classified as toxic or carcinogenic substances, HHC solvents are very desirable in many respects.



### **WARNING**

Do not use Halogenated Hydrocarbon (HHC) solvents in pressurized fluid systems having aluminum or galvanized wetted parts. Magnum Venus Products is aware of NO stabilizers available to prevent HHC solvents from reaction under all conditions with aluminum components in closed fluid systems. HHC solvents are dangerous when used with aluminum components in a closed fluid system.

- Consult your material supplier to determine whether your solvent or coating contains Halogenated Hydrocarbon solvents.
- Magnum Venus Products recommends that you contact your solvent supplier regarding the best non-flammable clean-up solvent with the heat toxicity for your application.
- If, however, you find it necessary to use flammable solvents, they must be kept in approved, electrically grounded containers.
- Bulk solvent should be stored in a well-ventilated, separate building, 50 feet away from your main plant.
- You should only allow enough solvent for one day's use in your laminating area.
- NO SMOKING signs must be posted and observed in all areas of storage or where solvents and other flammable materials are used.
- Adequate ventilation (as covered in OSHA Section 1910.94 and NFPA No.91) is important wherever solvents are stored or used, to minimize, confine and exhaust the solvent vapors.
- Solvents should be handled in accordance with OSHA Section 1910.106 and 1910.107.



## **Catalyst Diluents**

Magnum Venus Products spray-up and gel-coat systems currently produced are designed so that catalyst diluents are not required. Magnum Venus Products therefore recommends that diluents not be used to avoid possible contamination which could lead to an explosion due to the handling and mixing of MEKP and diluents. In addition, it eliminates any problems from the diluent being contaminated through rust particles in drums, poor quality control on the part of the diluents suppliers, or any other reason. If diluents are absolutely required, contact your catalyst supplier and follow his instructions explicitly. Preferably the supplier should premix the catalyst to prevent possible "on the job" contamination while mixing.



### <u>WARNING</u>

If diluents are not used, remember that catalyst spillage and gun, hose, and packing leaks are potentially more hazardous since each drop contains a higher concentration of catalyst and will therefore react more quickly with overspray and the leak.

## Cured Laminate, Overspray and Laminate Sandings Accumulation

- Remove all accumulations of overspray, Fiberglass Reinforced Plastic (FRP) sandings, etc. from the building as they occur. If this waste is allowed to build up, spillage of catalyst is more likely to start a fire; in addition, the fire would burn hotter and longer.
- Floor coverings, if used, should be non-combustible.
- Spilled or leaked catalyst may cause a fire if it comes in contact with an FRP product, oversprayed chop or resin, FRP sandings or any other material with MEKP.

To prevent spillage and leakage, you should:

- Maintain your Magnum Venus Check the gun several times daily for catalyst and 1. Products System. resin packing or valve leaks. REPAIR ALL LEAKS IMMEDIATELY. 2. Never leave the gun hanging over A catalyst leak in this situation would certainly or lying inside the mold. damage the part, possibly the mold, and may cause a fire. З. Inspect resin and catalyst hoses Replace if wear or weakness is evident or daily for wear or stress at the entry suspected. and exits of the boom sections and at the hose and fittings. 4. Arrange the hoses and fiberglass If allowed to rub, the hose will be cut through,
- Arrange the hoses and fiberglass roving guides so that the fiberglass strands DO NOT rub against any of the hoses at any point.

If allowed to rub, the hose will be cut through, causing a hazardous leakage of material which could increase the danger of fire. Also, the material may spew onto personnel in the area.



# **Toxicity of Chemicals**

- Magnum Venus Products recommends that you consult OSHA Sections 1910.94, 1910.106, 1910.107 and NFPA No.33, Chapter 14, and NFPA No.91.
- Contact your chemical supplier(s) and determine the toxicity of the various chemicals used as well as the best methods to prevent injury, irritation and danger to personnel.
- Also determine the best methods of first aid treatment for each chemical used in your plant.

# Equipment Safety

Magnum Venus Products suggest that personal safety equipment such as EYE GOGGLES, GLOVES, EAR PROTECTION, and RESPIRATORS be worn when servicing or operating this equipment. Ear protection should be worn when operating a fiberglass chopper to protect against hearing loss since noise levels can be as high as 116 dB (decibels). This equipment should only be operated or serviced by technically trained personnel!



### CAUTION

Never place fingers, hands, or any body part near or directly in front of the spray gun fluid tip. The force of the liquid as it exits the spray tip can cause serious injury by shooting liquid through the skin. NEVER LOOK DIRECTLY INTO THE GUN SPRAY TIP OR POINT THE GUN AT OR NEAR ANOTHER PERSON.



## DANGER

Contaminated catalyst may cause fire or explosion. Before working on the catalyst pump or catalyst accumulator, wash hands and tools thoroughly. Be sure work area is free from dirt, grease, or resin. Clean catalyst system components with clean water daily.



## DANGER

*Eye, skin, and respiration hazard. The catalyst MEKP may cause blindness, skin irritation, or breathing difficulty. Keep hands away from face. Keep food and drink away from work area.* 

# **Treatment of Chemical Injuries**



### CAUTION

*Refer to your catalyst manufacturer's safety information regarding the safe handling and storage of catalyst. Wear appropriate safety equipment as recommended.* 

Great care should be used in handling the chemicals (resins, catalyst and solvents) used in polyester systems. Such chemicals should be treated as if they hurt your skin and eyes and as if they are poison to your body. For this reason, Magnum Venus Products recommends the use of protective clothing and eye wear in using polyester systems. However, users should be prepared in the event of such an injury.



#### Precautions include:

- 1. Know precisely what chemicals you are using and obtain information from your chemical supplier on what to do in the event the chemical gets onto your skin or into the eyes, or if swallowed.
- 2. Keep this information together and easily available so that it may be used by those administering first aid or treating the injured person.
- 3. Be sure the information from your chemical supplier includes instructions on how to treat any toxic effects the chemicals have.



### WARNING

*Contact your doctor immediately in the event of an injury. If the product's MSDS includes first aid instructions, administer first aid immediately after contacting a doctor.* 

Fast treatment of the outer skin and eyes that contact chemicals generally includes immediate and thorough washing of the exposed skin and immediate and continuous flushing of the eyes with lots of clean water for at least 15 minutes or more. These general instructions of first aid treatment may be incorrect for some chemicals; you must know the chemicals and treatment before an accident occurs. Treatment for swallowing a chemical frequently depends upon the nature of the chemical.

## **Emergency Stop Procedure**

In an emergency, follow these steps to stop a UPS System:

- 1. The ball valve located where the air enters the power head of the resin pump, should be moved to the "OFF" or closed position.
- *Note* The "open" or "on" position is when the ball valve handle is parallel (in line) with the ball valve body. The "closed" or "off" position is when the ball valve handle is perpendicular (across) the ball valve body.
- 2. Turn all system regulators to the "OFF" position (counter-clockwise) position.
- 3. Verify / secure the catalyst relief line, located on the catalyst relief valve.
- 4. Verify / secure the resin return line, located on the resin filter.
- 5. Place a container under the resin pump ball valve to catch ejected resin.
- 6. Locate the ball valve on the resin pump.
- 7. Rotate the ball valve 90 degrees to the "On" or open position.

## Grounding

Grounding an object means providing an adequate path for the flow of the electrical charge from the object to the ground. An adequate path is one that permits charge to flow from the object fast enough that it will not accumulate to the extent that a spark can be formed. It is not possible to define exactly what will be an adequate path under all conditions since it depends on many variables. In any event, the grounding means should have the lowest possible electrical resistance.



Grounding straps should be installed on all loose conductive objects in the spraying area. This includes material containers and equipment. Magnum Venus Products recommends grounding straps be made of AWG No.18 stranded wire as a minimum and the larger wire be used where possible. NFPA Bulletin No77 states that the electrical resistance of such a leakage path may be as low as 1 meg ohm (10 ohms) but that resistance as high as 10,000 meg ohms will produce an adequate leakage path in some cases.

#### CAUTION



Whenever flammable or combustible liquids are transferred from one container to another, or from one container to the equipment, both containers or container and equipment shall be effectively bonded and grounded to dissipate static electricity. For further information, see National Fire Protection Association (NFPA) 77, titled "Recommended Practice on Static Electrical". Refer especially to section 7-7 titled "Spray Application of Flammable and Combustible Materials".



The AT series guns are some of the most advanced state of the art guns introduced into the composites industry. They feature low maintenance, few adjustments, superb quality, and a long service life. The AT series guns are air trigger guns; as the trigger is pulled, air is shifted from one side of a piston to the other. The pistons are attached to the gun needles and the air shifting opens and closes the needles. The ATC Gelcoatper has a poppet valve which is pushed when the resin needle moves to the open position, allowing the Gelcoatper air to be turned on and off by pulling the gun trigger.

This manual provides information for the operation, maintenance, and simple repair of the MVP ATG Gelcoat Gun. The following procedures are included:

- Step-by-step assembly and disassembly
- Troubleshooting guidance



Please read this manual carefully and retain for future reference. Follow the steps in the order given, otherwise you may damage the equipment or injure yourself.

As you disassemble the equipment, lay out the components on a clean surface in the correct order and direction to assist with reassembly.

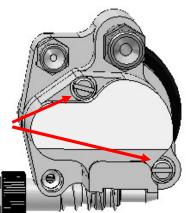
This manual cover all the variations of the ATG Gelcoat Gun:

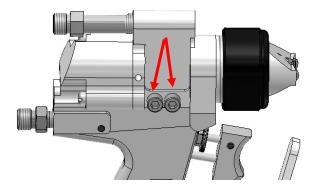
- ATG-3500-XXX External Mix Gelcoat Gun
- ATG-6500-XXX External Mix Gelcoat Gun With Signal



# Disassembling the Gun

- 1. Remove the two Allen screws from the side of the gun to separate the gun into two components, the handle and the head/cylinder.
- 2. Remove the two screws on the back of the cylinder and cautiously remove the cylinder from the back of the gun head.

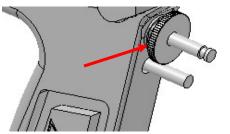




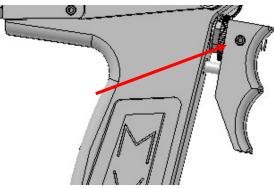
# Servicing Gun Handle

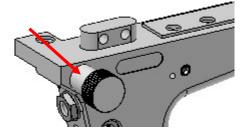
# **Disassemble Handle**

- 1. Loosen the set screw holding the trigger button assembly and remove the button.
- 2. Unscrew and remove the trigger lock.



- 3. Remove the trigger housing.
- 4. Remove the trigger valve assembly from the front of the gun.
- 5. Remove the refinement air adjustment screw and spring from the side of the gun.
- 6. Unscrew the refinement air packing nut from the side of the gun and remove the O-rings.
- 7. Remove the three O-rings on the top of the handle.







8. Thoroughly clean and inspect all parts for wear or damage; replace parts as needed with MVP parts.

# **Reassemble Handle**

- 9. Open the seal kit and match O-rings with the ones being replaced.
- 10. Replace O-rings on the trigger valve.

### Note A special tool is available for order to install the O-rings on the trigger valve.

- 11. Install the spring onto the trigger valve and install into the front of the gun.
- 12. Thread the trigger housing into the front of the gun over the trigger valve using a  $^{7}/_{16}$  wrench.
- 13. Thread the trigger lock into the trigger housing.
- 14. Place the trigger button onto the end of the trigger valve, depressing it all the way.
- 15. Tighten the set screw on the side of the trigger button to hold in place.
- 16. Replace the O-rings in the air refinement needle valve on the side of the handle.

### Note The Buna (black) O-ring is first, followed by the Teflon (white) O-ring.

- 17. Install the packing nut, turning just until it stops.
- 18. Place the spring onto the refinement air needle.
- 19. Lubricate with Super O Lube and install the refinement air needle into the side of the gun.
- 20. Replace the O-rings on top of the handle.
- 21. Set the handle aside for now.



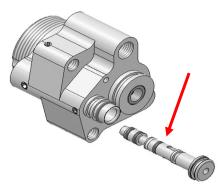
- 1. Remove and check the spring from inside the cylinder.
- 2. Check the inside of the cylinder.
- 3. Check and clear the air ports on the bottom of the cylinder.
- 4. Lubricate the inside of the cylinder.
- 5. Reinstall the spring into the cylinder.

# A Repairing Gun Head

1. Remove the catalyst spool valve assembly from the gun head.

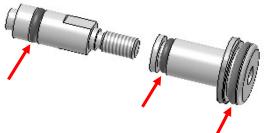
Note

*The catalyst spool assembly consists of three pieces, the valve front, valve back, and the catalyst piston.* 





- 1. Unscrew the valve back from the catalyst piston, using care not to lose the lock nut.
- 2. Replace the O-rings on the valve back and catalyst piston.

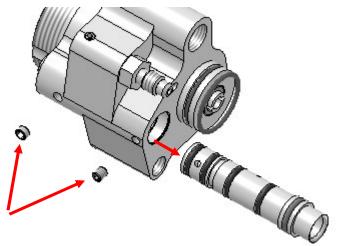


#### Note A special tool is available to install the O-rings on the catalyst spool valve.

- 1. Reinstall the lock washer.
- 2. Use a drop of removable thread lock compound on the threads of the valve back, then thread the valve back into the catalyst piston.
- 3. Unscrew the valve front from the valve back.

# *Note* The valve front is reverse-threaded. It will unscrew counter-clockwise from the valve back.

- 4. Replace the O-rings on the valve front and the O-ring between the valve front and valve back.
- 5. Use a drop of removable thread lock compound on the valve front threads and thread into the valve back.
- 6. Set the catalyst spool aside for now.
- 7. Install a new O-ring onto the catalyst cylinder on the gun head.
- 8. Remove the two set screws on the side of the gun head holding the catalyst cylinder in place and remove the catalyst cylinder from the gun head.



- 9. Make note of the O-ring positions on the catalyst cylinder.
- 10. Lubricate the new O-rings from the seal kit with SSL-10 or Vaseline and replace the O-rings on the catalyst cylinder.



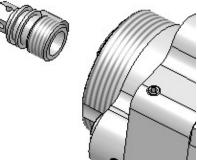


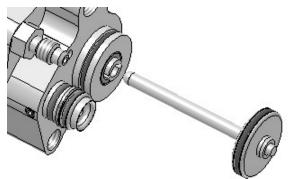
# *Note Installing the new O-rings in the wrong positions will cause the gun not to work properly.*

- 11. Reinstall the catalyst cylinder into the gun head by rotating it back and forth while pushing it into the gun head, making sure not to damage the O-rings and to align the hole in the catalyst cylinder with the hole in the side of the gun head.
- 12. Replace the set screws back into the gun head.

### *Note* The hole in the catalyst cylinder has to line up with the hole in the gun head so that the set screw may be reinstalled. If the screw does not go in fully you may need to realign the catalyst cylinder.

- 13. Using a  $\frac{5}{16}$  nut driver, remove the diffuser seat from the front of the gun.
- 14. Using special tool ATC-40323-BT, remove the cartridge assembly from the front of the gun.
- 15. Pull the resin needle piston assembly from the back of the gun head.





- 16. Replace the O-ring on the resin needle piston.
- 17. Remove the packing retainer from the back of the gun head and replace the O-ring with a new one.
- 18. Replace the packing retainer back into the back of the gun head.
- 19. Replace the O-ring for the resin cylinder seal.
- 20. Replace the two tip pin O-rings on the front of the gun.
- 21. Remove the catalyst cylinder plug on the front of the gun head and replace the O-ring.
- 22. Reinstall the catalyst cylinder plug into the front of the gun head.
- 23. Replace the O-ring on the diffuser seat.
- 24. Using a pin and wrench, loosen the needle packing housing from the packing retainer.
- 25. Check that the packing press moves freely in the packing housing and clean as necessary.
- 26. Replace the two packings in the packing housing.
- 27. Hand tighten the packing housing, packing press, and two packings together with the packing retainer.



### *Note* Use caution not to overtighten the packing retainer into the packing housing. The resin needle will not go through the packing if it is too tight.

- 28. Tighten the lock nut to secure the packing housing.
- 29. Install the packing housing assembly (cartridge assembly) into the front of the gun head.
- 30. Press the diffuser seat as far as it will go into the front of the gun head.
- 31. Using a  $\frac{5}{16}$  nut driver, adjust the packing seat until it is snug, then just a little more.
- 32. Insert the catalyst spool valve assembly into the back of the gun head.
- 33. Using the two screws, attach the cylinder assembly to the gun head.
- 34. Attach the gun head and cylinder to the handle.

# Troubleshooting

Air Assisted AT G	un Troubleshooting	
Symptom	Possible Cause	Remedy
Air leaking form	O-ring material worn or cut	Replace O-rings
exhaust port on	O-rings on catalyst piston worn or cut	
back of handle		
while trigger is in	O-rings on trigger valve worn or cut	
OFF position		
Air leaking from	O-rings on trigger valve worn or cut	Replace O-rings
exhaust port on		
back of handle	O-rings on catalyst valve and/or	
while trigger is either OFF or ON	material piston worn or nicked	
Catalyst leaking		Replace O-rings
from catalyst tip while gun is sitting	O-rings on catalyst valve worn or cut	
(not being	O-migs on catalyst valve worn of cut	
triggered)		
Catalyst leaks		Replace O-rings
from weep hole on		
catalyst side of	O-rings on catalyst valve worn or cut	
gun		
		Check for clogged catalyst air passages (small
		holes underneath back cylinder)
	Catalyst air piston is not actuating	Note There is more than one passageway
No catalyst is		from holes
coming from gun	Plugged catalyst restrictor (Allen	Clean and clear orifice
	screw with orifice located in front of	
	catalyst valve)	



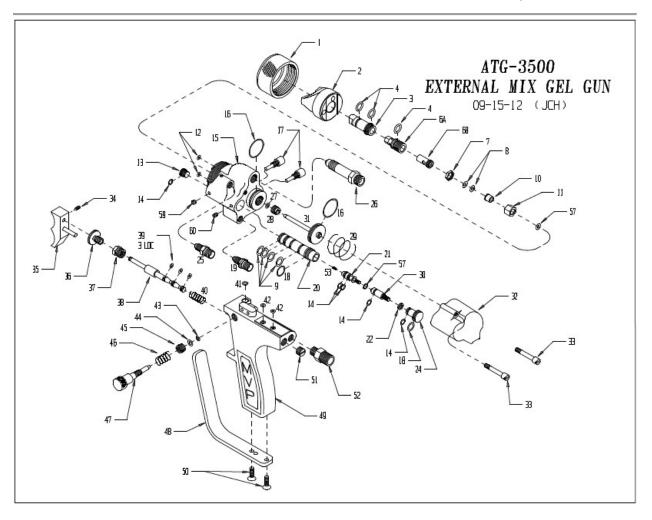
Air Assisted AT G	Air Assisted AT Gun Troubleshooting					
Symptom	Possible Cause	Remedy				
No catalyst is	Plugged catalyst passageway in head of gun or catalyst tips	Inspect, clean, and clear passageways				
coming from gun	No catalyst flow to gun	See Slave Pump troubleshooting for your system				
Material is leaking from front of gun	Loose diffuser seat	<ul> <li>Tighten diffuser seat ¼ to ½ turn at a time until snug, then one more ¼ turn.</li> <li><i>Note Overtightening diffuser seat may cause binding of material needle</i></li> </ul>				
	Worn needle and/or seat	Replace worn items				
	O-ring on diffuser nicked or cut	Replace O-ring				
Material leaking from weep hole on side of gun	Loose diffuser seat	<ul> <li>Tighten diffuser seat ¼ to ½ turn at a time until snug, then one more ¼ turn.</li> <li>Note Overtightening diffuser seat may cause binding of material needle</li> </ul>				
	Worn needle packing	Replace packing and adjust as indicated in manual				

# 🛕 Parts Drawings

The following illustrated parts breakdown drawings for the various gun options are included:

Applicable Parts	
Part Number	Description
ATG-3500	External Mix Gelcoat Gun
ATG-3500-A	External Mix Gelcoat Gun – Automatic
ATG-3500-FIT	External Mix Gelcoat Gun – FIT
ATG-3500-FIT-A	Gelcoat Gun – FIT – Automatic
ATG-3500-FIT-A-INT	Gelcoat Gun – FIT – AUTO – International
ATG-3500-FIT-INT	Gelcoat Gun – FIT- International
ATG-3500-INT	External Mix Gelcoat Gun – International
ATG-3500-W	External Mix Gelcoat Gun – Wetout
ATG-6500	External Mix Gelcoat Gun – With Signal
ATG-6500-COOK	Gelcoat Gun – with Signal
ATG-6500-FIT	External Mix Gelcoat Gun – FIT
ATG-6500-FIT-INT	Gelcoat Gun – FIT – International
ATG-6500-FIT-W	Gelcoat Gun – FIT – Wetout
ATG-6500-FIT-W-INT	Gelcoat Gun – FIT – Wetout – International
ATG-6500-INT	External Mix Gelcoat Gun – International
ATG-6500-W	Gelcoat Gun – Wetout
ATG-6500-W-INT	Gelcoat Gun – Wetout – International
ATG-35402-TT	Test Catalyst Tip







#### ATG-3500 GEL GUN 09-15-12 PARTS KEY, PAGE 1

ITEM	PART #	DESCRIPTION	QTY	ITEN	PART #	DESCRIPTION	QTY
1	MG-1018-CL-PL	RETAINING RING	1	45	ATC-40509	INSERT	1
2	UET-35402	CATALYST TIP	1	46	ATC-40506	SPRING	1
3	UET-XXX	SPRAY TIP	1	47	ATC-40505	AIR ADJUSTING SCREW	1
		(XXX = SIZE)		48	ATC-40709	GUARD	1
4*	D-E-012	D-RING	З	49	ATC-4003-2	HANDLE ASSEMBLY	1
БA	ATE-40323-A	DIFFUSER SEAT	1	50	F-FHCS-1032-08	GUARD SCREW	2
6B	ATE-40323-B	PACKING RETAINER	1	51	ATC-40106	PLUG	1
7	ATE-40319	LOCKNUT	1	52	PF-HN-02-04S	AIR FITTING	1
8*	ATE-40304	PACKING (SET DF 2)	1	53	ATC-40611	RESTRICTOR (,040")	1
9*	0-S-012A	D-RING	4		D-T-008	D-RING	2
10	ATE-40318	PACKING PRESS	1	59	F-SS-1032-02-SS		1
11	ATE-40317	PACKING HOUSING	1	60	ATC-40616	SET SCREW	1
12*	D-Z-006		2				
13	ATE-40201	CAT, CYLINDER PLUG	1				
14*	D-S-008		5				
15 16*	ATG-3501	HEAD (SEE NOTE C)	1	SEAL K	IT SOLD SEPARATE	LY:	
10*	D-S-020 ATE-40701	D-RING SCREW	2 2				
18*	D-S-013	D-RING	2	* AT-	-EXT-SK SEAL K	IT	
19	ATE-40214	CATALYST FITTING	1				
20	ATE-40206	CATALYST CYLINDER	1	HOSES	AVAILABLE SEPARA	TELY :	
21	ATE-40704	VALVE FRONT	1				
22	ATE-40208	LOCK WASHER	1	11:1	RATID PUMP:		
24	ATE-40209	CATALYST PISTON	1		FLUID HDSE - HAW	-0664-XX WITH	
25	ATE-40213	AIR FITTING	1		HAW-0344-5 (WHIP	END)	
26	ATG-35311	MATERIAL TUBE	1				
27*	D-E-008	D-RING	1	20:1	RATID PUMP:		
28	ATE-40305	PACKING RETAINER	1		FLUID HDSE - HAW		
29	ATE-40325	SPRING	1		HAW 0344-5 (WHIP	END)	
30	ATE-40705	VALVE BACK	1				
31	ATE-40321	NEEDLE ASSY.	1	ALL R	RATIO PUMPS:		
32	ATG-3502	GUN BACK	1		REFINEMENT/TRIGG	EK VIK HNZE -	
33	ATE-40501	RETAINING SCREW	2		HA-0344-XX		
34	ATE-40108	SET SCREW	1		CATALYST HOSE - CATALYST ATOMIZI		
35	ATE-40113	BUTTON ASSEMBLY	1		HA-0224-XX	NU AIR HUSE -	
36	ATE-40111	TRIGGER LOCK	1		HA-U224-XX		
37	ATE-40101	TRIGGER HOUSING	1	XX -	HOSE LENGTH DEST	RED (25 FT. IS STAND	APD
38	ATE-40103	TRIGGER VALVE	1	~~ -		KED (23   1, 13 31AND	
39*	0-E-006	D-RING	3				
40	ATE-40105	SPRING	1				
41*	D-B-008		1				
42* 43*	D-B-006		2				
43* 44*	D-B-007 ATE-40304-1	D-RING D-RING	1 1				
- <del>111</del> -7	NIL 40004-1		1				



#### ATG-3500 GEL GUN 09-15-12 PARTS KEY, PAGE 2

#### OPTIONAL EQUIPMENT:

ATC-40611-1 .020" CATALYST RESTRICTOR

ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 - 11 AND ATC-40323-BT

ATG-35402-BIG DOUBLE SIDED CLEANABLE CAT TIP. (SEE NOTE A.)

ATG-35402-EL SINGLE-SIDED CLEANABLE CATALYST TIP. (SEE NOTE A.)

ATC-40323-A-TL 5/16 NUT DRIVER

ATC-40323-BT TOOL FOR ATC-40323-B

ATC-40103-1 TRIGGER VALVE D-RING TODL

ATC-40204-1 CAT. VALVE D-RING TOOL

MG-1018-CL ALUMINUM RETAINING RING

ATG-XXX SPRAY TIP (XXX = SIZE)

ATG-35402 CATALYST TIP FOR ATG-XXX

MG-1018 (OR MG-1018-PL) RETAINING RING FOR ATG-35402

#### NOTE A:

MG-1018-CL-PL RETAINING RING IS NEEDED WHEN USING EITHER ATG-35402-BIG DR ATG-35402-CL CAT TIPS. (A MG-1018-CL ALUMINUM RETAINING RING MAY BE PURCHASED INSTEAD DF THE MG-1018-CL-PL DELRIN PLASTIC RING)

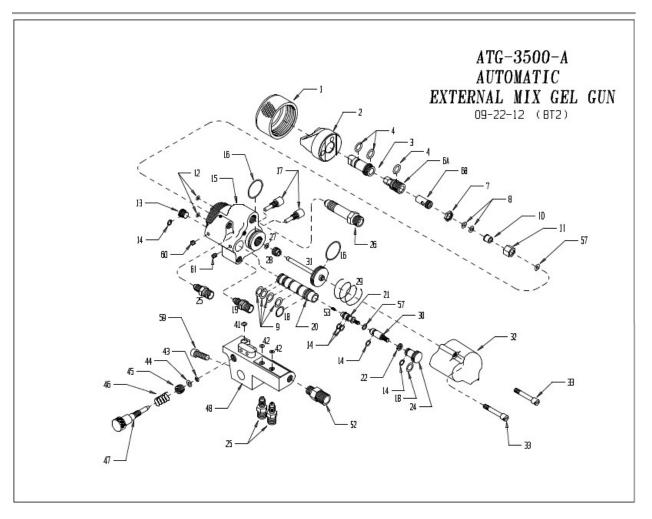
#### NOTE B:

TRIGGER VALVE D-RINGS ARE MADE DF EPR RUBBER AND CAN DNLY BE LUBRICATED WITH "SUPER D LUBE".

#### NOTE C:

ATG-3501 HEAD ASSEMBLY INCLUDES ITEM 20. ATC-40206, ITEM 9. D-S-012A, ITEM 59. F-SS-1D32-02-SS, AND ITEM 60. ATC-40616







#### ATG-3500-A AUTO GEL GUN 09-22-12 PARTS KEY, PAGE 1

ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
1	MG-1018-CL-PL	RETAINING RING	1	52	PF-HN-02-04S	AIR FITTING	1
2	UCT-35402	CATALYST TIP	1	53	ATE-40611	RESTRICTOR (.040")	1
З	UCT-XXX	SPRAY TIP	1	57*	D-T-008	D-RING	1
		(XXX = SIZE)		59	F-CS-04C-12	CAP SCREW	2
4*	0-E-012	D-RING	З	60	F-SS-1032-02-SS	SET SCREW	1
БA	ATC-40323-A	DIFFUSER SEAT	1	61	ATC-40616	SET SCREW	1
6B	ATC-40323-B	PACKING RETAINER	1				1
7	ATC-40319	LOCKNUT	1				
8*	ATC-40304	PACKING (SET DF 2)	1				
9*	0-S-012A	D-RING	4	SEAL B	IT SOLD SEPARATE	LY:	
10	ATC-40318	PACKING PRESS	1			Service and	
11	ATC-40317	PACKING HOUSING	1	* AT-	-EXT-SK SEAL #	T	
12*	000-Z-D	D-RING	2				
13	ATC-40201	CAT. CYLINDER PLUG	1	TACES	AVATEADER GROADA	MELV.	
14*	800-2-0	D-RING	5	HOPES	AVAILABLE SEPARA	IELI:	
15	ATG-3501	HEAD (SEE NOTE B)	1	11.1	RATID PUMP;		
16*	0-S-050	D-RING	2	11:1	FLUID HOSE - HAV	OCCA VV WITH	
17	ATC-40701	SCREW	2				
18*	E10-2-0	D-RING	2		HAW-0344-5 (WHIF	END /	
19	ATC-40214	CATALYST FITTING	1	20.1			
20*	ATC-40206	CATALYST CYLINDER	1	20:1	RATID PUMP:	OAAAM VV WITU	
21	ATC-40704	VALVE FRONT	1		FLUID HOSE - HAV		
22	ATC-40208	LOCK WASHER	1		HAW 0344-5 (WHIF	ENDY	
24	ATC-40209	CATALYST PISTON	1	ALL 1	RATID PUMPS;		
25	ATC-40213	AIR FITTING	З	ALL I			
26	ATG-35311	MATERIAL TUBE	1		REFINEMENT/TRIG	JEK AIK HUJE -	
27*	0-E-008	D-RING	1		HA-0344-XX CATALYST HDSE -		
28	ATC-40305	PACKING RETAINER	1		CATALYST ATOMIZ		
29	ATC-40325	SPRING	1			ING AIK HOZE -	
30	ATC-40705	VALVE BACK	1		HA-0224-XX		
31	ATC-40321	NEEDLE ASSY.	1	vv		IRED (25 FT, IS STAN	י חחאר
32	ATG-3502	GUN BACK	1	×× =	HUSE LENGTH DES.	IKED (20 FL, IS STANL	JARU /
33	ATC-40501	RETAINING SEREW	2				
41*	□-B-008	D-RING	1				
42*	D-B-006	D-RING	2				
43*	<b>D-B-007</b>	D-RING	1				
44*	ATC-40304-1	D-RING	1				
45	ATC-40509	INSERT	1				
46	ATC-40506	SPRING	1				
47	ATC-40505	AIR ADJUSTING SCREW	1				
48	ATC-4003-A	AUTO, HANDLE	1				



#### ATG-3500-A AUTO GEL GUN 09-22-12 PARTS KEY, PAGE 2

#### OPTIONAL EQUIPMENT:

ATC-40611-1 .020" CATALYST RESTRICTOR

ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 - 11 AND ATC-40323-BT

ATG-35402-BIG DDUBLE SIDED CLEANABLE CAT TIP. (SEE NOTE A.)

- ATG-35402-CL SINGLE-SIDED CLEANABLE CATALYST TIP. (SEE NOTE A.)
- ATC-40323-A-TL 5/16 NUT DRIVER
- ATC-40323-BT TOOL FOR ATC-40323-B
- ATC-40204-1 CAT. VALVE D-RING TOOL
- MG-1018-CL ALUMINUM RETAINING RING
- ATG-XXX SPRAY TIP
- ATG-35402 CATALYST TIP FOR ATG-XXX
- MG-1018 (DR MG-1018-PL) RETAINING RING FDR ATG-35402

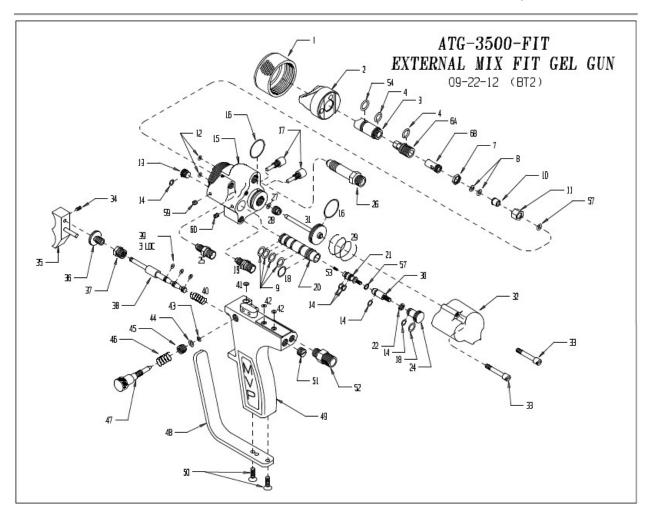
#### NOTE A:

MG-1018-CL-PL RETAINING RING IS NEEDED WHEN USING EITHER ATG-35402-BIG DR ATG-35402-CL CAT TIPS. (A MG-1018-CL ALLMINUM RETAINING RING MAY BE PURCHASED INSTEAD DF THE MG-1018-CL-PL DELRIN PLASTIC RING)

#### NOTE B:

ATG-3501 HEAD ASSEMBLY INCLUDES ITEM 20. ATC-40206, ITEM 9. D-S-012A, ITEM 60. F-SS-1032-02-SS, AND ITEM 61. ATC-40616







#### ATG-3500-FIT FIT GEL GUN 09 - 22 - 12PARTS KEY ITEM PART # DESCRIPTION QTY ITEM PART # DESCRIPTION QTY 1 MG-1018-CL-PL RETAINING RING 1 47 ATC-40505 AIR ADJUSTING SCREW 1 2 UGT-35402 CATALYST TIP 1 48 ATC-40709 GLIARD 1 З UGT-XXXX SPRAY TIP 1 49 ATC-4003-2 HANDLE ASSEMBLY 1 (XXXX = SIZE)50 F-FHCS-1032-08 GUARD SCREW 2 4\* D-E-012 **D-RING** 2 51 ATC-40106 PLUG 1 БA ATE-40323-A DIFFUSER SEAT 1 52 PF-HN-02-04S AIR FITTING 1 6B ATE-40323-B PACKING RETAINER 1 53 ATC-40611 RESTRICTOR (.040") 1 ATE-40319 54\* D-E-013 **D-RING** 7 LOCKNUT 1 1 8\* ATE-40304 PACKING (SET DF 2) 1 57\* D-T-008 **D-RING** 2 D-S-012A 59 F-SS-1032-02-SS SET SCREW 9\* D-RING 4 1 10 ATE-40318 PACKING PRESS 60 ATC-40616 SET SCREW 1 1 ATE-40317 11 PACKING HOUSING 1 000-Z-D 12\* **D-RING** 2 13 ATE-40201 CAT. CYLINDER PLUG 1 SEAL KIT SOLD SEPARATELY 14\* 800-2-0 **D-RING** 5 15 ATG-3501 HEAD (SEE NOTE B) 1 \* AT-EXT-SK SEAL KIT 16\* D-2-050 **D-RING** 2 ATE-40701 17 SCREW 2 HOSES AVAILABLE SEPARATELY: 18\* D-S-013 **D-RING** 2 19 ATE-40214 CATALYST FITTING 1 FLUID HOSE - HAW-0664-XX WITH HAW-0444-5 20 ATE-40206 CATALYST CYLINDER 1 (WHIP END) 21 ATE-40704 VALVE FRONT 1 REFINEMENT/TRIGGER AIR HOSE - HA-0344-XX 22 ATE-40208 LOCK WASHER 1 CATALYST HOSE - HC-0224-XX 24 ATE-40209 CATALYST PISTON 1 CATALYST ATOMIZING AIR HOSE - HA-0224-XX 25 ATE-40213 AIR FITTING 1 ATG-35311 26 MATERIAL TUBE 1 XX = HOSE LENGTH DESIRED (25 FT. IS STANDARD) 27\* D-E-008 D-RING 1 28 ATE-40305 PACKING RETAINER 1 29 ATE-40325 SPRING 1 30 ATE-40705 VALVE BACK 1 31 ATE-40321 NEEDLE ASSY. 1 32 ATG-3502 GUN BACK 1 33 ATE-40501 RETAINING SCREW 2 34 ATE-40108 SET SCREW 1 35 ATE-40113 BUTTON ASSEMBLY 1 36 ATE-40111 TRIGGER LOCK 1 TRIGGER HOUSING 37 ATE-40101 1 38 ATE-40103 TRIGGER VALVE 1 39\* D-E-006 **D-RING** З 40 ATE-40105 SPRING 1 41\* 0-8-008 **D-RING** 1 42\* 0-8-006 D-RING 2 43\* D-B-007 **D-RING** 1 44\* ATE-40304-1 D-RING 1 45 ATE-40509 INSERT 1 46 ATE-40506 SPRING 1



#### ATG-3500-FIT FIT GEL GUN 09-22-12 PARTS KEY, PAGE 2

#### OPTIONAL EQUIPMENT:

- ATC-40611-1 .020" CATALYST RESTRICTOR
- ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 - 11 AND ATC-40323-BT

ATC-40323-A-TL 5/16 NUT DRIVER

ATC-40323-BT TOOL FOR ATC-40323-B

ATC-40103-1 TRIGGER VALVE D-RING TODL

ATC-40204-1 CAT. VALVE D-RING TOOL

MG-1018 ALUMINUM RETAINING RING

FGT-35402-3 FGT STYLE CATALYST TIP

FGT-XXXX-HT FGT STYLE SPRAY TIP

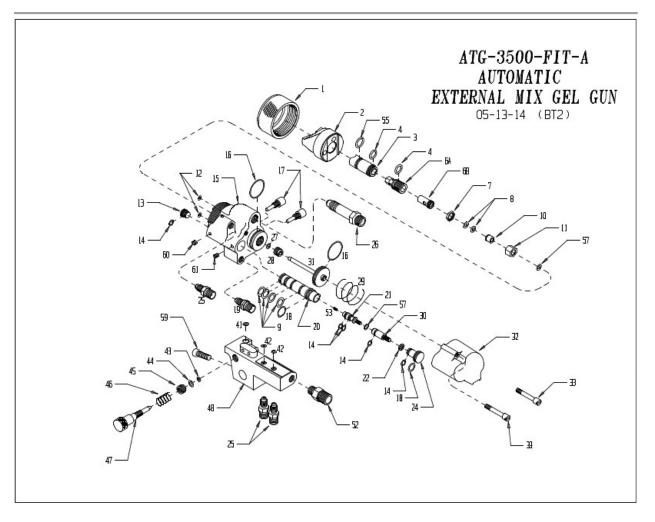
#### NOTE A:

TRIGGER VALVE D-RINGS ARE MADE DF EPR RUBBER AND CAN DNLY BE LUBRICATED WITH "SUPER D LUBE".

#### NOTE B:

ATG-3501 HEAD ASSEMBLY INCLUDES ITEM 20. ATC-40206, ITEM 9. D-S-012A, ITEM 59. F-SS-1032-02-SS, AND ITEM 60. ATC-40616







#### ATG-3500-FIT-A AUTO GEL GUN 05-13-14 PARTS KEY, PAGE 1

ITEM	PART #	DESCRIPTION	QTY	ITEN	PART #	DESCRIPTION	QTY
1	MG-1018-CL-PL	RETAINING RING	1	52	PF-HN-02-045	AIR FITTING	1
2	UGT-35402	CATALYST TIP	1	53	ATC-40611	RESTRICTOR (.040")	1
З	UGT-XXXX	SPRAY TIP	1	55	D-E-013	D-RING	1
		(XXXX = SIZE)		57*	D-T-008	D-RING	2
4*	D-E-012	D-RING	2	59	F-CS-04C-12	CAP SCREW	1
БA	ATE-40323-A	DIFFUSER SEAT	1		F-SS-1032-02-SS		1
6B	ATE-40323-B	PACKING RETAINER	1	61	ATC-40616	SET SCREW	1
7	ATE-40319	LOCKNUT	1				
8*	ATE-40304	PACKING (SET DF 2)					
9*	D-2-012A	D-RING	4	SEAL I	IT SOLD SEPARATE	LY:	
10	ATE-40318	PACKING PRESS	1				
11	ATE-40317	PACKING HOUSING	1	* AT·	-EXT-SK SEAL K	IT	
12*	0-Z-006	D-RING	2				
13	ATE-40201		1	TUGES	AVAILABLE SEPARA	עזיז v •	
14*	0-Z-008	D-RING	5	TUSES	AVAILADLE SEPARA.	I BLI :	
15	ATG-3501	HEAD (SEE NOTE B)	1		UNSE - UNV-0664.	-XX WITH HAW-0444-5	
16*	D-Z-020	D-RING	2	TLUIL	(WHIP EN		
17	ATE-40701	SEREW	2	DEETN		R HOSE - HA-0344-XX	
18*	0-2-013	D-RING	2		YST HOSE - HC-02		
19	ATE-40214	CATALYST FITTING	1			R HOSE - HA-0224-XX	
20*	ATE-40206	CATALYST CYLINDER	1	LATAL	IST ATOMIZING AT		
21	ATE-40704	VALVE FRONT	1	YY -		RED (25 FT. IS STAND,	
22	ATE-40208	LOCK WASHER	1	~~ -		VED / 23   1, 13 31AND	AND /
24	ATE-40209	CATALYST PISTON	1				
25	ATE-40213	AIR FITTING	З				
26	ATG-35311	MATERIAL TUBE	1				
27*	D-E-008	D-RING	1				
28	ATE-40305	PACKING RETAINER	1				
29	ATE-40325	SPRING	1				
30	ATE-40705	VALVE BACK	1				
31	ATE-40321	NEEDLE ASSY.	1				
32	ATG-3502	GUN BACK	1				
33	ATE-40501	RETAINING SCREW	2				
41*	0-8-008	D-RING	1				
42*	0-8-006	D-RING	2				
43*	0-8-007	D-RING	1				
44*	ATE-40304-1	D-RING	1				
45	ATE-40509	INSERT	1				
46	ATE-40506	SPRING	1				
47	ATE-40505	AIR ADJUSTING SEREW					
48	ATE-4003-A	AUTO, HANDLE	1				



#### ATG-3500-FIT-A AUTO GEL GUN 05-13-14 PARTS KEY, PAGE 2

#### **OPTIONAL EQUIPMENT:**

ATC-40611-1 .020" CATALYST RESTRICTOR

ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 - 11 AND ATC-40323-BT

ATC-40323-A-TL 5/16 NUT DRIVER

ATC-40323-BT TOOL FOR ATC-40323-B

ATC-40204-1 CAT. VALVE D-RING TOOL

MG-1018-CL ALUMINUM RETAINING RING

LIGT-XXX SPRAY TIP

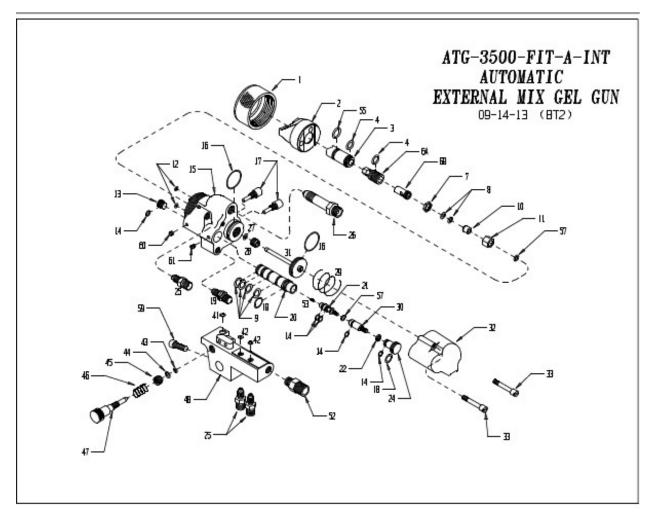
#### NOTE A:

MG-1018-CL-PL RETAINING RING IS NEEDED WHEN USING EITHER ATG-35402-BIG DR ATG-35402-CL CAT TIPS. (A MG-1018-CL ALUMINUM RETAINING RING MAY BE PURCHASED INSTEAD DF THE MG-1018-CL-PL DELRIN PLASTIC RING)

#### NOTE B:

ATG-3501 HEAD ASSEMBLY INCLUDES ITEM 20. ATC-40206, ITEM 9. D-S-012A, ITEM 60. F-SS-1032-02-SS, AND ITEM 61. ATC-40616







#### ATG-3500-FIT-A-INT AUTO GEL GUN 09-14-13 PARTS KEY, PAGE 1

ITEM	PART #	DESCRIPTION	QTY	ITEN	PART #	DESCRIPTION	QTY
1	MG-1018-CL-PL	RETAINING RING	1	52	PF-HN-02-04S	AIR FITTING	1
2	UGT-35402-INT	CATALYST TIP	1	53	ATE-40611	RESTRICTOR (.040")	1
Е	LIGT-XXXX	SPRAY TIP	1	55	D-E-013	D-RING	1
		(XXXX = SIZE)		57*	0-T-008	D-RING	2
4*	D-E-012	D-RING	2	59	F-CS-04C-12	CAP SCREW	1
6A	ATE-40323-A	DIFFUSER SEAT	1	60	F-SS-1032-02-SS	SET SCREW	1
68	ATE-40323-B	PACKING RETAINER	1	61	ATE-40616	SET SCREW	1
7	ATE-40319	LOEKNUT	1				
8*	ATE-40304	PACKING (SET OF 2)	1				
3*	D-2-015V	D-RING	4	SEAL 1	KIT SOLD SEPARATE	LY:	
10	ATE-40318	PAEKING PRESS	1				
11	ATE-40317	PACKING HOUSING	1	* AT	-EXT-SK SEAL #	IT	
12*	D-Z-006	D-RING	2	1020		1203	
13	ATE-40201	CAT. CYLINDER PLUG	1	Recipe			
14*	B00-Z-D	D-RING	5	HORKS	AVAILABLE SEPARA	TELT:	
15	ATG-3501	HEAD (SEE NOTE B)	1				
16*	0-2-020	D-RING	2	FLUIL		-XX WITH HAW-0444-5	
17	ATE-40701	SEREW	2	DEET	(WHIP EN		
18*	E10-Z-0	D-RING	2			R HOSE - HA-0344-XX	
19	ATE-40216	CATALYST FITTING	1		YZT HOSE - HCHP-		
20*	ATE-40206	CATALYST CYLINDER	1	CATAL	YST ATOMIZING AI	R HOSE - HA-0224-XX	
21	ATE-40704	VALVE FRONT	1				
22	ATE-40208	LOEK WASHER	1	XX =	HOZE CENPIH DEZI	RED (25 FT, IS STAND	ARU )
24	ATE-40209	CATALYST PISTON	1				
25	ATE-40213	AIR FITTING	з				
26	ATG-35311	MATERIAL TUBE	1				
27*	D-E-008	D-RING	1				
28	ATE-40305	PACKING RETAINER	1				
29	ATE-40325	SPRING	1				
0E	ATE-40705	VALVE BACK	1				
31	ATE-40321	NEEDLE ASSY.	1				
32	ATG-3502	GUN BACK	1				
EE	ATE-40501	RETAINING SCREW	2				
41*	0-8-008	D-RING	1				
42*	0-8-006	D-RING	2				
43*	D-B-007	D-RING	1				
44*	ATE-40304-1	D-RING	1				
45	ATE-40509	INSERT	1				
46	ATE-40506	SPRING	1				
	ATE-40505	AIR ADJUSTING SCREW	1				
47							



#### ATG-3500-FIT-A-INT AUTO GEL GUN 09-14-13 PARTS KEY, PAGE 2

#### OPTIONAL EQUIPMENT:

ATC-40611-1 .020" CATALYST RESTRICTOR

ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 - 11 AND ATC-40323-BT

ATC-40323-A-TL 5/16 NUT DRIVER

ATC-40323-BT TOOL FOR ATC-40323-B

ATC-40204-1 CAT, VALVE D-RING TOOL

MG-LOUB-EL ALUMINUM RETAINING RING

UGT-XXXX SPRAY TIP

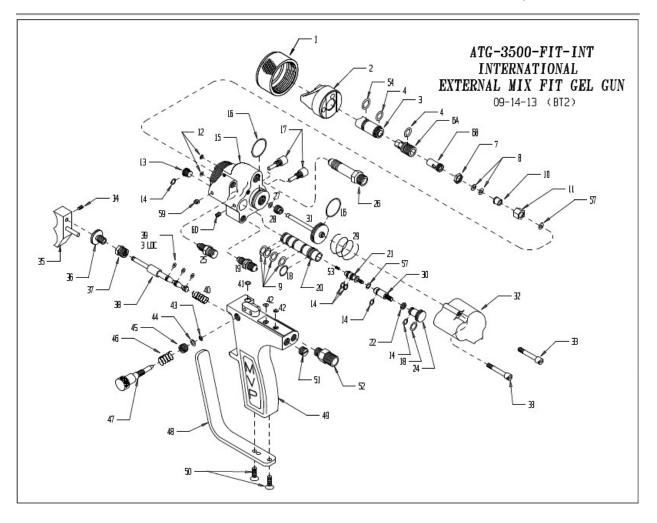
#### NOTE A:

MG-IOIB-CL-PL RETAINING RING IS NEEDED WHEN USING EITHER ATG-35402-BIG DR ATG-35402-CL CAT TIPS. (A MG-IOI8-CL ALUMINUM RETAINING RING MAY BE PURCHASED INSTEAD DF THE MG-IOIB-CL-PL DELRIN PLASTIC RING)

#### NOTE B:

ATG-35D1 HEAD ASSEMBLY INCLUDES ITEM 20. ATC-40206, ITEM 9. D-S-D12A, ITEM 60. F-SS-1032-02-SS, AND ITEM 61. ATC-40616







# ATG-3500-FIT-INT FIT GEL GUN 09-14-13 PARTS KEY, PAGE 1

ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
ITEM 1 2 3 4* 6A 6B 7 8* 9* 10 11 12* 13 14* 15 16* 17 18* 19	PART # MG-1018-CL-PL UGT-35402-INT UGT-XXXX D-E-012 ATC-40323-A ATC-40323-B ATC-40323-B ATC-40319 ATC-40304 D-S-012A ATC-40317 D-S-006 ATC-40201 D-S-008 ATC-40201 D-S-008 ATC-3501 D-S-020 ATC-40701 D-S-013 ATC-40216	DESCRIPTION RETAINING RING CATALYST TIP SPRAY TIP (XXXX = SIZE) D-RING DIFFUSER SEAT PACKING RETAINER LOCKNUT PACKING (SET DF 2) D-RING PACKING PRESS PACKING HOUSING D-RING CAT, CYLINDER PLUG D-RING CAT, CYLINDER PLUG D-RING SCREW D-RING SCREW D-RING CATALYST FITTING	QTY 1 1 1 1 1 1 1 1 1 1 1 1 1	45 46 47 48 50 51 52 53 56* 57* 59 60 <b>SEAL</b>	ATC-40509 ATC-40506 ATC-40505 ATC-40709 ATC-4003-2 F-FHCS-1032-08 ATC-40106 PF-HN-02-04S ATC-40611 D-E-013 D-T-008 F-SS-1032-02-SS ATC-40616	INSERT SPRING AIR ADJUSTING SCREW GUARD HANDLE ASSEMBLY GUARD SCREW PLUG AIR FITTING RESTRICTOR (,040") D-RING D-RING SET SCREW SET SCREW	1 1
20 21 22 24 25 26 27* 28 29 30 31 32 33 34 35 36 37 38 39* 40 41* 42* 44*	ATC-40210 ATC-40206 ATC-40704 ATC-40209 ATC-40213 ATG-35311 D-E-008 ATC-40305 ATC-40305 ATC-40325 ATC-40321 ATG-3502 ATC-40501 ATC-40501 ATC-40103 ATC-40113 ATC-40111 ATC-40101 ATC-40103 D-E-006 ATC-40105 D-B-008 D-B-006 D-B-007 ATC-40304-1	CATALYST CYLINDER VALVE FRONT LOCK WASHER CATALYST PISTON AIR FITTING MATERIAL TUBE D-RING PACKING RETAINER SPRING VALVE BACK NEEDLE ASSY. GUN BACK RETAINING SCREW SET SCREW BUTTON ASSEMBLY TRIGGER LOCK TRIGGER HOUSING TRIGGER VALVE D-RING SPRING D-RING D-RING D-RING D-RING D-RING	$ \begin{array}{c} 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ $	FLUI REFI CATA CATA	(WHIP E) NEMENT/TRIGGER A: LYST HOSE - HCHP- LYST ATOMIZING A:	4-XX WITH HAW-0444-5 ND) IR HDSE - HA-0344-XX	JARD >



# ATG-3500-FIT-INT FIT GEL GUN 09-14-13 PARTS KEY, PAGE 2

#### OPTIONAL EQUIPMENT:

ATC-40611-1 .020" CATALYST RESTRICTOR

ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 - 11 AND ATC-40323-BT

ATC-40323-A-TL 5/16 NUT DRIVER

ATC-40323-BT TOOL FOR ATC-40323-BT

ATC-40103-1 TRIGGER VALVE D-RING TOOL

ATC-40204-1 CAT. VALVE D-RING TODL

MG-1018 ALUMINUM RETAINING RING

FGT-35402-INT FGT STYLE CATALYST TIP

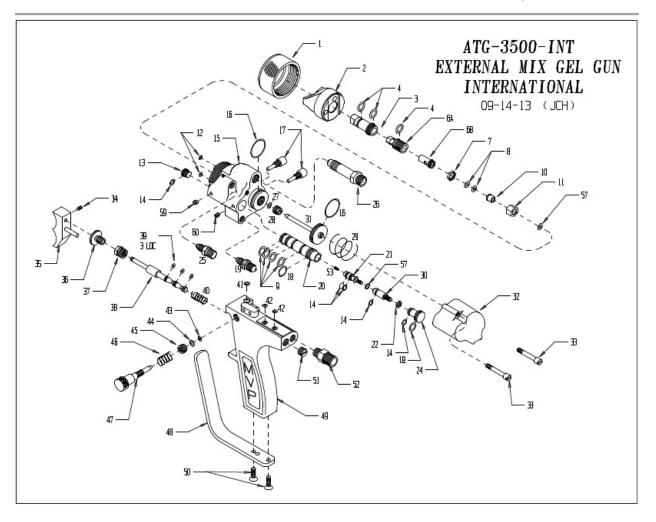
FGT-XXXX-HT FGT STYLE SPRAY TIP

### NOTE A:

TRIGGER VALVE D-RINGS ARE MADE DF EPR RUBBER AND CAN DNLY BE LUBRICATED WITH "SUPER D LUBE".

#### NOTE B:







# ATG-3500-INT GEL GUN 09-14-13 PARTS KEY, PAGE 1

	TANIO ALI, TAUL I						
ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
1	MG-1018-CL-PL	RETAINING RING	1	47	ATC-40505	AIR ADJUSTING SCREW	23
2	UCT-35402-INT	CATALYST TIP	1	48	ATC-40709	GUARD	1
З	UCT-XXX	SPRAY TIP	1	49	ATC-4003-2	HANDLE ASSEMBLY	1
4*	D-E-012	(XXX = SIZE) D-RING	З	50 51	F-FHCS-1032-08	GUARD SCREW PLUG	2
-4≁ 6A	ATC-40323-A	DIFFUSER SEAT	1	52	ATC-40106 PF-HN-02-04S	AIR FITTING	1
6B	ATC-40323-B	PACKING RETAINER	1	53	ATC-40611	RESTRICTOR (,040")	100
7	ATC-40319		1		D-T-008	D-RING	2
8*	ATC-40304	PACKING (SET OF 2)	1	59	F-SS-1032-02-SS	SET SCREW	1
9*	D-S-012A	D-RING	4	60	ATC-40616	SET SCREW	1
10	ATC-40318	PACKING PRESS	1				
11	ATC-40317	PACKING HOUSING	1				
12*	0-S-006	D-RING	2	OTAL		11.12	
13	ATC-40201	CAT. CYLINDER PLUG		SEAL .	KIT SOLD SEPARATI	ser:	
14* 15	D-S-008 ATG-3501	D-RING HEAD (SEE NDTE C)	5	* ∆T	-EXT-SK	SEAL KIT	
15	0-2-020	D-RING	2			SEAL RIT	
17	ATC-40701	SCREW	2				
18*	D-S-013	D-RING	2	HOSES	AVAILABLE SEPARA	ATELY:	
19	ATC-40216	J.I.C. CAT. FITTING	1				
20*	ATC-40206	CATALYST CYLINDER	1	11:1	RATIO PUMP: FLUID HOSE - HAV		
21	ATC-40704	VALVE FRONT	1		HAW-0344-5 (WHIF		
22	ATC-40208	LOCK WASHER	1				
24	ATC-40209	CATALYST PISTON	1	20:1	RATID PUMP:		
25 26	ATC-40213 ATG-35311	AIR FITTING MATERIAL TUBE	1		FLUID HOSE - HA	M−0444M−XX WITH	
27*	D-E-008	D-RING	1		HAW 0344-5 (WHI	P END)	
28	ATC-40305	PACKING RETAINER	1				
29	ATC-40325	SPRING	1	ALL	RATIO PUMPS:		
30	ATC-40705	VALVE BACK	1		REFINEMENT/TRIG	GER AIR HOSE -	
31	ATC-40321	NEEDLE ASSY,	1		HA-0344-XX	HCHP-023J3J-XXLC	
32	ATG-3502	GUN BACK	2		CATALYST ATOMIZ		
33	ATE-40501	RETAINING SEREW	1		HA-0224-XX		
34 35	ATC-40108	SET SCREW BUTTON ASSEMBLY	1				
36	ATC-40113 ATC-40111	TRIGGER LOCK	1	XX =	HOSE LENGTH DEST	IRED (25 FT. IS STAND	JARD )
37	ATC-40101	TRIGGER HOUSING	1				
	ATC-40103	TRIGGER VALVE	3				
39*	D-E-006	D-RING	1				
40	ATC-40105	SPRING	1				
41*	D-B-008	D-RING	2				
42*	D-B-006	D-RING	1				
43*	D-B-007	D-RING	1				
44* 45	ATC-40304-1 ATC-40509	D-RING INSERT	1				
45 46	ATE-40506	SPRING	1				
40	HIL 40300		1				



ATG-	3500	-INT	
GE	L GUI	N	
09	-14-1	13	
PARTS	KEY,	PAGE	2

#### OPTIONAL EQUIPMENT:

- ATC-40611-1 .020" CATALYST RESTRICTOR
- ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 THRU 11 AND ATC-40323-BT
- ATC-40323-A-TL 5/16 NUT DRIVER
- ATC-40323-BT TOOL FOR ATC-40323-B
- ATC-40103-1 TRIGGER VALVE D-RING TODL
- ATC-40204-1 CAT. VALVE D-RING TOOL
- ATG-35402-BIG- DOUBLE-SIDED CLEANABLE INT CATALYST TIP (SEE NOTE A.)
- ATG-35402-CL- SINGLE-SIDED CLEANABLE INT CATALYST TIP (SEE NOTE A.)
- MG-1018-CL ALUMINUM RETAINING RING

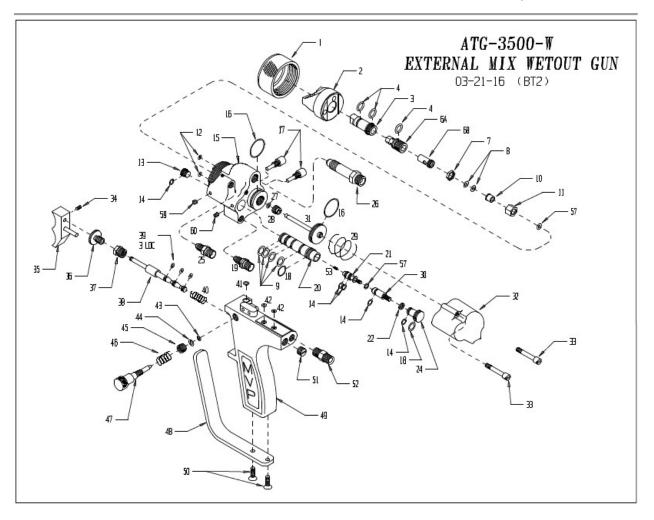
ATG-XXX SPRAY TIP (XXX = SIZE)

ATG-35402-INT CATALYST TIP FOR ATG-XXX

MG-1018 (DR MG-1018-PL) RETAINING RING FOR ATG-35402-INT

- NDTE A: MG-1018-CL-PL RETAINING RING IS NEEDED WHEN USING EITHER ATG-35402-BIG-INT DR ATG-35402-CL-INT CATALYST TIPS. (A MG-1018-CL ALUMINUM RETAINING RING MAY BE PURCHASED INSTEAD DF THE MG-1018-CL-PL DELRIN PLASTIC RING >
- NDTE B: TRIGGER VALVE D-RINGS ARE MADE DF EPR RUBBER AND CAN DNLY BE LUBRICATED WITH "SUPER D LUBE",
- NDTE C: ATG-3501 HEAD ASSEMBLY INCLUDES ITEM ATC-40206, ITEM 9. D-S-012A, ITEM F-SS-1032-02-SS, AND ITEM 6D, ATC-40616







# ATG-3500-W WETOUT GUN 03-21-16 PARTS KEY, PAGE 1

ITEN	PART #	DESCRIPTION	QTY	ITEN	PART #	DESCRIPTION	QTY
1	MG-1018-CL-PL	RETAINING RING	1	45	ATC-40509	INSERT	1
2	LICT-35402	CATALYST TIP	1	46	ATC-40506	SPRING	1
Э	UCT-552	SPRAY TIP	1	47	ATC-40505	AIR ADJUSTING SCREW	1
	13935334 J. 10514 P. 11	(XXX = SIZE)	15/65	48	ATC-40709	GUARD	1
4*	D-E-012	D-RING	3	49	ATC-4003-2	HANDLE ASSEMBLY	1
6A	ATC-40323-A	DIFFUSER SEAT	1	50	F-FHES-1032-08	GUARD SCREW	2
68	ATC-40323-B	PAEKING RETAINER	1	51	ATC-40106	PLUG	1
7	ATC-40319 ATC-40304	LOEKNUT PACKING (SET OF 2)	1	52 53	PF-HN-02-04S	AIR FITTING	1
8* 9*	D-S-012A	D-RING	1 4	0.500.00	АТС-40611 D-T-008	RESTRICTOR (.040") D-RING	2
10	ATC-40318	PAEKING PRESS	1	59	F-ZZ-1032-02-ZZ		1
11	ATC-40310	PAEKING HOUSING	1	60	ATC-40616	SET SCREW	1
12*	D-2-006	D-RING	2	00	ATC 40010	SET SCREW	·
13	ATC-40201	CAT. CYLINDER PLUG	1				
14*	800-2-0	D-RING	5				
15	ATG-3501	HEAD (SEE NOTE C)	1			1 37	
16*	0-S-020	D-RING	2	SEAL B	KIT SOLD SEPARATE	LY:	
17	ATC-40701	SEREW	2			TT	
18*	E-S-013	D-RING	2	* A1*	-EXT-SK SEAL K	.11	
19	ATC-40214	CATALYST FITTING	1				
20	ATC-40206	CATALYST CYLINDER	1	HOSES	AVAILABLE SEPARA	TELY:	
21	ATC-40704	VALVE FRONT	1	C 1 1			
22	ATC-40208	LOEK WASHER	1	0:1 H	RATIO PUMP: FLUID HOSE - HFL	OFFE VV AND	
24	ATC-40209	CATALYST PISTON	1			ATTACH HOSE TO GUN	
25	ATC-40213	AIR FITTING	1		FF-3W-000-04F 10		
26	ATG-35311	MATERIAL TUBE	1	11+1	RATIO PUMP:		
27*	D-E-008	D-RING	1	11,1	FLUID HOSE - HAW	-0664-XX WITH	
28	ATC-40305	PAEKING RETAINER	1		HAW 0444-5 (WHIP		
29 30	ATC-40325 ATC-40705	SPRING VALVE BACK	1				
30	ATC-40703	NEEDLE ASSY.	1	ALL F	RATID PUMPS:		
32	ATG-3502	GUN BACK	1		REFINEMENT/TRIGG	ER AIR HOSE -	
32 33	ATC-40501	RETAINING SCREW	2		HA-0344-XX		
34	ATC-40108	SET SCREW	1		CATALYST HOSE -	HC-0224-XX	
35	ATC-40113	BUTTON ASSEMBLY	1		CATALYST ATOMIZI	NG AIR HOSE -	
36	ATC-40111	TRIGGER LOCK	1		HA-0224-XX		
З7	ATC-40101	TRIGGER HOUSING	1				
38	ATC-40103	TRIGGER VALVE	1	XX =	HOSE LENGTH DESI	RED (25 FT, IS STAND	ARD >
39*	D-E-006	D-RING	з				
40	ATC-40105	SPRING	1				
41*	0-8-008	D-RING	1				
42*	0-8-006	D-RING	2				
43*	0-8-007	D-RING	1				
44*	ATC-40304-1	D-RING	1				



## ATG-3500-W WETOUT GUN 03-21-16 PARTS KEY, PAGE 2

### OPTIONAL EQUIPMENT:

ATC-40611-1 .020" CATALYST RESTRICTOR

ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 - 11 AND ATC-40323-BT

ATG-35402-BIG DDLBLE SIDED CLEANABLE CAT TIP. (SEE NOTE A.)

ATG-35402-CL SINGLE-SIDED CLEANABLE CATALYST TIP. (SEE NOTE A.)

ATC-40323-A-TL 5/16 NUT DRIVER

ATC-40323-BT TOOL FOR ATC-40323-B

ATC-40103-1 TRIGGER VALVE D-RING TOOL

ATC-40204-1 CAT. VALVE D-RING TOOL

MG-1018-CL ALUMINUM RETAINING RING

ATC-XXX SPRAY TIP (XXX = SIZE)

ATG-35402 CATALYST TIP FOR ATC-XXX

MG-1018 (DR MG-1018-PL) RETAINING RING FDR ATG-35402

### NOTE A:

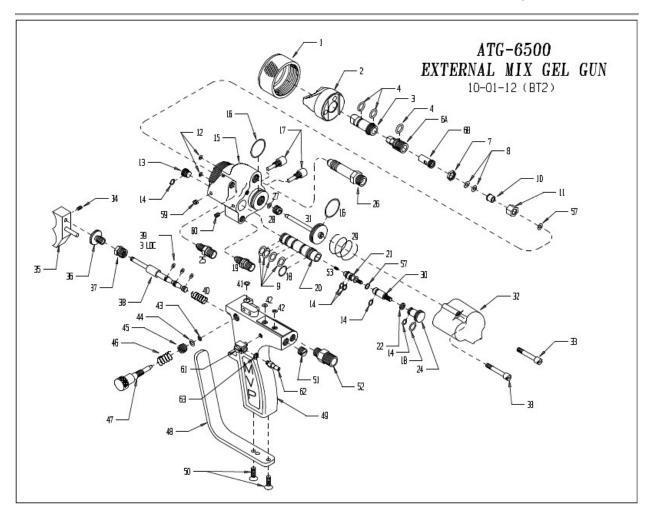
MG-1018-CL-PL RETAINING RING IS NEEDED WHEN USING EITHER ATG-35402-BIG DR ATG-35402-CL CAT TIPS. (A MG-1018-CL ALUMINUM RETAINING RING MAY BE PURCHASED INSTEAD DF THE MG-1018-CL-PL DELRIN PLASTIC RING)

### NOTE B:

TRIGGER VALVE D-RINGS ARE MADE OF EPR RUBBER AND CAN ONLY BE LUBRICATED WITH "SUPER D LUBE".

### NOTE C:







# ATG-6500 GEL GUN 10-01-12 PARTS KEY, PAGE 1

ITEN	PART #	DESCRIPTION	QTY	ITEN	PART #	DESCRIPTION	QTY
1	MG-1018-CL-PL	RETAINING RING	1	45	ATC-40509	INSERT	1
2	UCT-35402	CATALYST TIP	1	46	ATC-40506	SPRING	1
Э	LICT-XXX	SPRAY TIP	1	47	ATC-40505	AIR ADJUSTING SCREW	1
		(XXX = SIZE)		48	ATC-40709	GUARD	1
4*	D-E-012	D-RING	Э	49	ATC-4003-SIG	HANDLE ASSEMBLY	1
6A	ATC-40323-A	DIFFUSER SEAT	1	50	F-FHCS-1032-08	GUARD SEREW	2
68	ATC-40323-B	PACKING RETAINER	1	51	ATC-40106	PLUG	1
7	ATC-40319	LOCKNUT	1	52	PF-HN-02-04S	AIR FITTING	1
8*	ATC-40304	PACKING (SET DF 2)	1	53	ATC-40611	RESTRICTOR (.040")	1
9*	D-S-012A	O-RING	4	57*	D-T-008	D-RING	2
10	ATC-40318	PACKING PRESS	1	59	F-SS-1032-02-SS	SET SCREW	1
11	ATC-40317	PACKING HOUSING	1	60	ATC-40616	SET SCREW	1
12*	800-2-0	D-RING	2	61	TRU-1021	ELBOW	1
13	ATC-40201	CAT. CYLINDER PLUG	1	62	TRU-1022	BARB	1
14*	800-2-0	D-RING	5	63	7304-3-1	SEAL	1
15	ATG-3501	HEAD (SEE NOTE C)	1				
16*	D-S-020	D-RING	2				
17	ATC-40701	SCREW	2	SEAL K	IT SOLD SEPARATE	LY:	
18*	E10-2-D	D-RING	2				
19	ATC-40214	CATALYST FITTING	1	* AT-	-EXT-SK SEAL K	IT	
20	ATC-40206	CATALYST CYLINDER	1				
21	ATC-40704	VALVE FRONT	1	HOSES	AVAILABLE SEPARA	TELY :	
22	ATC-40208	LOCK WASHER	1				
24	ATC-40209	CATALYST PISTON	1	11:1	RATID PUMP:		
25	ATC-40213	AIR FITTING	1		FLUID HOSE - HAW	-0664-XX WITH	
26	ATG-35311	MATERIAL TUBE	1		HAW-0344-5 (WHIP	END)	
27*	D-E-008	D-RING	1				
28	ATC-40305	PACKING RETAINER	1	20:1	RATID PUMP:		
29	ATC-40325	SPRING	1		FLUID HOSE - HAW	-0444M-XX WITH	
30	ATC-40705	VALVE BACK	1		HAW 0344-5 (WHIP	END)	
31	ATC-40321	NEEDLE ASSY.	1				
32	ATG-3502	GUN BACK	1	ALL R	RATID PUMPS:		
33	ATC-40501	RETAINING SCREW	2		REFINEMENT/TRIGG	ER AIR HOSE -	
34	ATC-40108	SET SCREW	1		HA-0344-XX		
35	ATC-40113	BUTTON ASSEMBLY	1		CATALYST HOSE -	HC-0224-XX	
36	ATC-40111	TRIGGER LOCK	1		CATALYST ATOMIZI	NG AIR HOSE -	
37	ATC-40101	TRIGGER HOUSING	1		HA-0224-XX		
38	ATC-40103	TRIGGER VALVE	1				
	D-E-006	D-RING	З	XX =	HOSE LENGTH DESI	RED (25 FT. IS STAND	ARD)
40	ATC-40105	SPRING	1				
41*	0-8-008	D-RING	1				
42*	0-8-005	D-RING	2				
43*	<b>D-B-007</b>	D-RING	1				
44*	ATC-40304-1	D-RING	1				
							32



### ATG-6500 GEL GUN 10-01-12 PARTS KEY, PAGE 2

### **OPTIONAL EQUIPMENT:**

- ATC-40611-1 .020" CATALYST RESTRICTOR
- ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 - 11 AND ATC-40323-BT
- ATG-35402-BIG DOUBLE SIDED CLEANABLE CAT TIP, (SEE NOTE A.)
- ATG-35402-CL SINGLE-SIDED CLEANABLE CATALYST TIP. (SEE NDTE A.)
- ATC-40323-A-TL 5/16 NUT DRIVER
- ATC-40323-BT TOOL FOR ATC-40323-B
- ATC-40103-1 TRIGGER VALVE D-RING TODL
- ATC-40204-1 CAT. VALVE D-RING TOOL
- MG-1018-CL ALUMINUM RETAINING RING
- ATG-XXX SPRAY TIP (XXX = SIZE)
- ATG-35402 CATALYST TIP FOR ATG-XXX
- MG-1018 (DR MG-1018-PL) RETAINING RING FDR ATG-35402

### NOTE A:

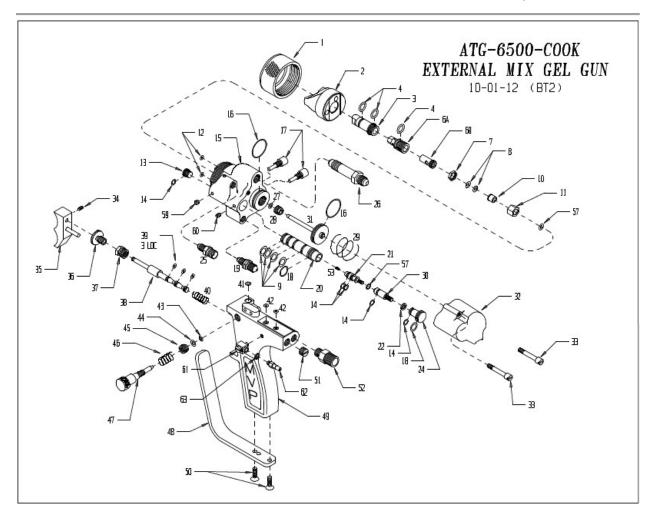
MG-1018-CL-PL RETAINING RING IS NEEDED WHEN USING EITHER ATG-35402-BIG DR ATG-35402-CL CAT TIPS. (A MG-1018-CL ALUMINUM RETAINING RING MAY BE PURCHASED INSTEAD DF THE MG-1018-CL-PL DELRIN PLASTIC RING)

### NOTE B:

TRIGGER VALVE D-RINGS ARE MADE DF EPR RUBBER AND CAN DNLY BE LUBRICATED WITH "SUPER D LUBE",

### NOTE C:



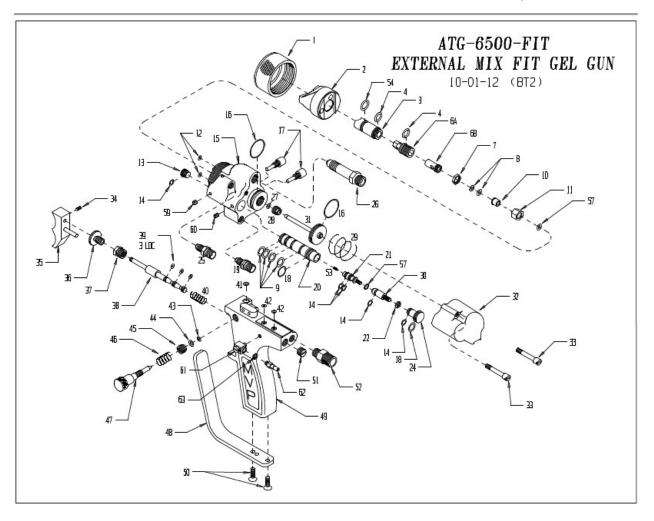




# ATG-6500-COOK GEL GUN 10-01-12 PARTS KEY

ITEM	PART #	DESCRIPTION	QTY	ITEN	PART #	DESCRIPTION	QTY
1	MG-1018-CL-PL	RETAINING RING	1	45	ATC-40509	INSERT	1
2	UCT-35402	CATALYST TIP	1	46	ATC-40506	SPRING	1
З	UET-XXX	SPRAY TIP	1	47	ATC-40505	AIR ADJUSTING SCREW	1
		(XXX = SIZE)		48	ATC-40709	GUARD	1
4*	D-E-012	D-RING	З	49	ATC-4003-SIG	HANDLE ASSEMBLY	1
БA	ATE-40323-A	DIFFUSER SEAT	1	50	F-FHCS-1032-08	GUARD SCREW	2
6B	ATE-40323-B	PACKING RETAINER	1	51	ATC-40106	PLUG	1
7	ATE-40319	LOCKNUT	1	52	PF-HN-02-04S	AIR FITTING	1
8*	ATE-40304	PACKING (SET OF 2)	1	53	ATC-40611	RESTRICTOR (.040")	1
9*	D-2-012A	D-RING	4	57*	0-T-008	D-RING	2
10	ATE-40318	PACKING PRESS	1	59	F-SS-1032-02-SS	SET SCREW	1
11	ATE-40317	PACKING HOUSING	1	60	ATC-40616	SET SCREW	1
12*	B-2-006	D-RING	2	61	TRU-1021	ELBOW	1
13	ATE-40201	CAT. CYLINDER PLUG	1	62	TRU-1022	BARB	1
14*	B-2-008	D-RING	5	63	7304-3-1	SEAL	1
15	ATG-3501	HEAD (SEE NOTE C)	1				
16*	0-2-050	D-RING	2				
17	ATE-40701	SEREW	2	SEAL K	IT SOLD SEPARATE	LY:	
18*	D-S-013	D-RING	2				
19	ATE-40216	CATALYST FITTING	1	* AT-	-EXT-SK SEAL K	IT	
20	ATE-40206	CATALYST CYLINDER	1				
21	ATE-40704	VALVE FRONT	1				
22	ATE-40208	LOCK WASHER	1				
24	ATE-40209	CATALYST PISTON	1				
25	ATE-40213	AIR FITTING	1				
26	ATG-35311-04J	MATERIAL TUBE	1				
27*	D-E-008	D-RING	1				
28	ATE-40305	PACKING RETAINER	1				
29	ATE-40325	SPRING	1				
30	ATE-40705	VALVE BACK	1				
31	ATE-40321	NEEDLE ASSY.	1				
32	ATG-3502	GUN BACK	1 2				
33 34	ATE-40501 ATE-40108	RETAINING SCREW SET SCREW	2				
35	ATE-40108	BUTTON ASSEMBLY	1				
36	ATE-40113	TRIGGER LOCK	1				
37	ATE-40101	TRIGGER HOUSING	1				
38	ATE-40103	TRIGGER VALVE	1				
	D-E-006	D-RING	3				
40	ATE-40105	SPRING	1				
41*	D-B-008	D-RING	1				
42*	0-8-005	D-RING	2				
43*	D-B-007	D-RING	1				
44*	ATE-40304-1	D-RING	1				
	999-999-5999-697-597-597-597-597-597-597-597-597-597-5	2020-0959-0209-02000					







# ATG-6500-FIT FIT GEL GUN 10-01-12 PARTS KEY

ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
1	MG-1018-CL-PL	RETAINING RING	1	46	ATC-40506	SPRING	1
2	UGT-35402	CATALYST TIP	1	47	ATC-40505	AIR ADJUSTING SCREW	1
З	UGT-XXXX	SPRAY TIP	1	48	ATC-40709	GLIARD	1
		(XXXX = SIZE)		49	ATC-4003-SIG	HANDLE ASSEMBLY	1
4*	D-E-012	D-RING	2	50	F-FHCS-1032-08	GUARD SCREW	2
БA	ATE-40323-A	DIFFUSER SEAT	1	51	ATC-40106	PLUG	1
6B	ATE-40323-B	PACKING RETAINER	1	52	PF-HN-02-04S	AIR FITTING	1
7	ATE-40319	LOCKNUT	1	53	ATC-40611	RESTRICTOR (.040")	1
8*	ATE-40304	PACKING (SET DF 2)	1		D-E-013	D-RING	1
9*	D-S-012A	D-RING	4		D-T-008	D-RING	2
10	ATE-40318	PACKING PRESS	1	59	F-SS-1032-02-SS		1
11	ATE-40317	PACKING HOUSING	1	60	ATC-40616	SET SCREW	1
12*	00-Z-006	D-RING	2	61	TRU-1021	ELBOW	1
13	ATE-40201	CAT. CYLINDER PLUG	1	62	TRU-1022	BARB	1
14*	D-Z-008	D-RING	5	63	7304-3-1	SEAL	1
15	ATG-3501	HEAD (SEE NOTE B)	1				
16*	D-S-020	D-RING	2				
17	ATE-40701 D-S-013	SEREW	2	SEAL K	IT SOLD SEPARATE	LY:	
18* 19			2			<u>110</u>	
20	ATE-40214	CATALYST FITTING CATALYST CYLINDER	1 1	* AT-	EXT-SK SEAL K	IT	
20	ATE-40206 ATE-40704	VALVE FRONT	1				
22	ATE-40208	LOCK WASHER	1	HOSES	AVAILABLE SEPARA	rely :	
24	ATE-40208	CATALYST PISTON	1				
24	ATE-40203	AIR FITTING	1	FLUID		-XX WITH HAW-0444-5	
26	ATG-35311	MATERIAL TUBE	1		(WHIP EN		
27*	D-E-008	D-RING	1			R HOSE - HA-0344-XX	
28	ATE-40305	PACKING RETAINER	1		YST HOSE - HC-O2		
29	ATE-40325	SPRING	1	LATAL	YST ATUMIZING AT	R HOSE - HA-0224-XX	
30	ATE-40705	VALVE BACK	1	vv			
31	ATE-40321	NEEDLE ASSY.	1	XX =	HOZE LENGIH DEZI	RED (25 FT. IS STAND	ARD )
32	ATG-3502	GUN BACK	1				
33	ATE-40501	RETAINING SCREW	2				
34	ATE-40108	SET SCREW	1				
35	ATE-40113	BUTTON ASSEMBLY	1				
36	ATE-40111	TRIGGER LOCK	1				
37	ATE-40101	TRIGGER HOUSING	1				
38	ATE-40103	TRIGGER VALVE	1				
39*	0-E-006	D-RING	з				
40	ATE-40105	SPRING	1				
41*	0-8-008	D-RING	1				
42*	0-8-006	D-RING	2				
43*	0-8-007	D-RING	1				
44*	ATE-40304-1	D-RING	1				
45	ATE-40509	INSERT	1				



## ATG-6500-FIT FIT GEL GUN 10-01-12 PARTS KEY, PAGE 2

### **OPTIONAL EQUIPMENT:**

ATC-40611-1 .020" CATALYST RESTRICTOR

ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 - 11 AND ATC-40323-BT

ATC-40323-A-TL 5/16 NUT DRIVER

ATC-40323-BT TOOL FOR ATC-40323-B

ATC-40103-1 TRIGGER VALVE D-RING TODL

ATC-40204-1 CAT, VALVE D-RING TOOL

MG-1018 ALUMINUM RETAINING RING

FGT-35402-3 FGT STYLE CATALYST TIP

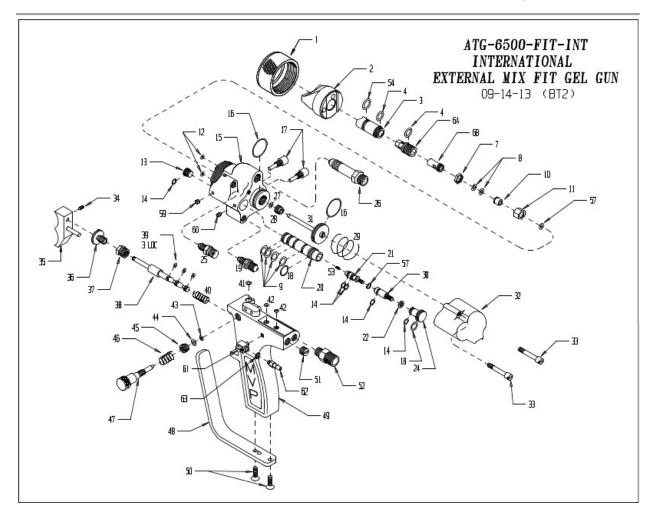
FGT-XXXX-HT FGT STYLE SPRAY TIP

#### NOTE A:

TRIGGER VALVE D-RINGS ARE MADE DF EPR RUBBER AND CAN DNLY BE LUBRICATED WITH "SUPER D LUBE".

#### NOTE B:







# ATG-6500-FIT-INT FIT GEL GUN 09-14-13 PARTS KEY, PAGE 1

ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
1	MG-1018-CL-PL	RETAINING RING	1	46	ATC-40506	SPRING	1
2	UGT-35402-INT	CATALYST TIP	1	47	ATE-40505	AIR ADJUSTING SCREW	1
З	UGT-XXXX	SPRAY TIP	1	48	ATC-40709	GUARD	1
		(XXXX = SIZE)		49	ATC-4003-SIG	HANDLE ASSEMBLY	1
4*	0-E-012	D-RING	2	50	F-FHCS-1032-08	GUARD SCREW	2
6A	ATC-40323-A	DIFFUSER SEAT	1	51	ATC-40106	PLUG	1
6B	ATC-40323-B	PACKING RETAINER	1	52	PF-HN-02-045	AIR FITTING	1
7	ATC-40319	LOCKNUT PACKING (SET DF 2)	1	53	ATC-40611	RESTRICTOR (,040")	1
8* 9*	ATC-40304 D-S-012A	D-RING (SEI DF 2)	1	54* 57*	D-E-013 D-T-008	D-RING D-RING	1
10	ATC-40318	PACKING PRESS	4	59	F-SS-1032-02-SS		1
10	ATC-40317	PACKING HOUSING	1	50	ATE-40616	SET SCREW	1
12*	D-2-006	D-RING	2	51	TRU-1021	ELBOW	1
13	ATC-40201	CAT. CYLINDER PLUG	1	62	TRU-1022	BARB	1
14*	0-2-008	D-RING	5	63	7304-3-1	SEAL	1
15	ATG-3501	HEAD (SEE NOTE B)	1	00	,501 5 1	bene	·
16*	D-S-020	D-RING	2				
17	ATE-40701	SCREW	2	SEAL	KIT SOLD SEPARATE	SLY:	
18*	E10-2-0	D-RING	2				
19	ATC-40216	CATALYST FITTING	1	* AT	-EXT-SK SE/	AL KIT	
20	ATC-40206	CATALYST CYLINDER	1				
21	ATC-40704	VALVE FRONT	1				
22	ATC-40208	LOCK WASHER	1	HOSES	AVAILABLE SEPARA	ATELY:	
24	ATC-40209	CATALYST PISTON	1				
25	ATC-40213	AIR FITTING	1	FLUI		4-XX WITH HAW-0444-5	
26	ATG-35311	MATERIAL TUBE	1	DEET	WHIP E	IR HOSE - HA-0344-XX	
27*	0-E-008	O-RING	1		LYST HOSE - HCHP-		
28	ATC-40305	PACKING RETAINER	1			IR HOSE - HA-0224-XX	
29	ATC-40325	SPRING	1	CAIA	CIST AIDHIZING A.	IN HOSE THA OZE4 AA	
30	ATC-40705	VAVLE BACK	1	XX =	HOSE LENGTH DEST	IRED (25 FT. IS STAND	
31	ATE-40321	NEEDLE ASSY.	1				
32	ATG-3502	GUN BACK	1				
33	ATC-40501	RETAINING SEREW	2				
34 35	ATC-40108 ATC-40113	SET SCREW BUTTON ASSEMBLY	1				
36	ATC-40113	TRIGGER LOCK	1				
37	ATC-40101	TRIGGER HOUSING	1				
38	ATC-40103	TRIGGER VALVE	1				
39*	D-E-006	D-RING	З				
40	ATC-40105	SPRING	1				
41*	D-B-008	D-RING	1				
42*	D-B-006	D-RING	2				
43*	D-B-007	D-RING	1				
44*	ATC-40304-1	D-RING	1				
45	ATC-40509	INSERT	1				



# ATG-6500-FIT-INT FIT GEL GUN 09-14-13 PARTS KEY, PAGE 2

### OPTIONAL EQUIPMENT:

ATC-40611-1 .020" CATALYST RESTRICTOR

ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 - 11 AND ATC-40323-BT

ATC-40323-A-TL 5/16 NUT DRIVER

ATC-40323-BT TOOL FOR ATC-40323-B

ATC-40103-1 TRIGGER VALVE D-RING TODL

ATC-40204-1 CAT, VALVE D-RING TOOL

MG-1018 ALUMINUM RETAINING RING

FGT-35402-INT FGT STYLE CATALYST TIP

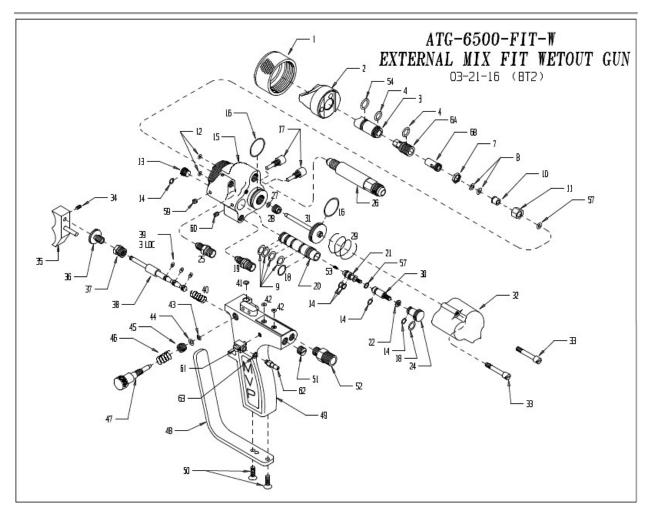
FGT-XXXX-HT FGT STYLE SPRAY TIP

### NOTE A:

TRIGGER VALVE D-RINGS ARE MADE DF EPR RUBBER AND CAN DNLY BE LUBRICATED WITH "SUPER D LUBE".

#### NOTE B:







# ATG-6500-FIT-W FIT WETOUT GUN 03-21-16 PARTS KEY

ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
1	MG-1018-CL-PL	RETAINING RING	1	47	ATC-40505	AIR ADJUSTING SCREW	1
2	UGT-35402	CATALYST TIP	1	48	ATC-40709	GUARD	1
З	UMT-6025	SPRAY TIP	1	49	ATC-4003-SIG	HANDLE ASSEMBLY	1
		(OR XXXX = SIZE)		50	F-FHCS-1032-08	GUARD SCREW	2
4*	D-E-012	D-RING	2	51	ATC-40106	PLUG	1
БA	ATE-40323-A	DIFFUSER SEAT	1	52	PF-HN-02-04S	AIR FITTING	1
6B	ATE-40323-B	PACKING RETAINER	1	53	ATC-40611	RESTRICTOR (,040")	1
7	ATE-40319	LOCKNUT	1	54*	D-E-013	D-RING	1
8*	ATE-40304	PACKING (SET DF 2)	1	57*	D-T-008	D-RING	2
9*	D-S-012A	D-RING	4	59	F-SS-1032-02-SS	SET SCREW	1
10	ATE-40318	PACKING PRESS	1	60	ATC-40616	SET SCREW	1
11	ATE-40317	PACKING HOUSING	1	61	TRU-1021	ELBOW	1
12*	00-Z-006	D-RING	2	62	TRU-1022	BARB	1
13	ATE-40201	CAT. CYLINDER PLUG	1	63	7304-3-1	SEAL	1
14*	0-2-008	D-RING	5				
15	ATG-3501	HEAD (SEE NOTE B)	1				
16*	D-Z-020	D-RING	2	SEAL K	IT SOLD SEPARATE	.v	
17	ATE-40701	SEREW	2	DEAL R	II JOHD DEI AMAIE		
18*	E10-Z-013	D-RING	2	* ΔT-	EXT-SK SEAL K	тт	
19	ATE-40214	CATALYST FITTING	1	· A1	EAT ON SEAL N.	± 1	
20	ATE-40206	CATALYST CYLINDER	1	TOOPO	AVAILABLE SEPARAT	1771 V.	
21	ATE-40704	VALVE FRONT	1	TOSES	AVAILADLE SEPARA	1261:	
22	ATE-40208	LOCK WASHER	1	<b>E</b> .1	RATID PUMP		
24	ATE-40209	CATALYST PISTON	1	Uil	FLUID HOSE - HFI	_0000_VV WITU	
25	ATE-40213	AIR FITTING	1		HFL-046J6J-5 (W		
26	ATE-40311-F	MATERIAL TUBE	1		11 C 040505 5 ( M		
27*	D-E-008	D-RING	1	11+1	RATIO PUMP		
28	ATE-40305	PACKING RETAINER	1	11.1	FLUID HOSE - HA	W-0888-XX WITH	
29	ATE-40325	SPRING	1		HAW-046J6J-5 (W		
30	ATE-40705	VALVE BACK	1		1141 040303 0 1 11		
31	ATE-40321	NEEDLE ASSY,	1	PEETN	EMENT/TRIGGER AT	R HOSE - HA-0344-XX	
32	ATG-3502	GUN BACK	1		YST HOSE - HC-02		
33	ATE-40501	RETAINING SCREW	2			R HOSE - HA-0224-XX	
34	ATE-40108	SET SCREW	1	CATAL			
35	ATE-40113	BUTTON ASSEMBLY	1	XX =	HOSE LENGTH DEST	RED (25 FT, IS STAND)	
36	ATE-40111	TRIGGER LOCK	1				
37	ATE-40101	TRIGGER HOUSING	1				
38	ATE-40103	TRIGGER VALVE	1				
	D-E-006	D-RING	З				
40	ATE-40105	SPRING	1				
41*	D-B-008	D-RING	1				
42*	0-8-006	D-RING	2				
43*	D-B-007	D-RING	1				
44*	ATE-40304-1	D-RING	1				
45	ATE-40509	INSERT	1				
46	ATE-40506	SPRING	1				
2							



### ATG-6500-FIT-W FIT WETOUT GUN 03-21-16 PARTS KEY, PAGE 2

### OPTIONAL EQUIPMENT:

ATC-40611-1 .020" CATALYST RESTRICTOR

ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 - 11 AND ATC-40323-BT

ATC-40323-A-TL 5/16 NUT DRIVER

ATC-40323-BT TOOL FOR ATC-40323-A

ATC-40103-1 TRIGGER VALVE D-RING TODL

ATC-40204-1 CAT, VALVE D-RING TODL

MG-1018 ALLMINUM RETAINING RING

FGT-40402 FGT STYLE CATALYST TIP

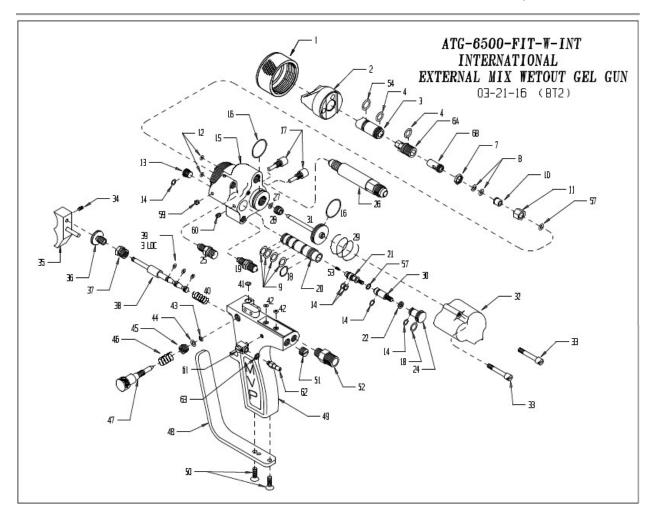
FMT-XXXX FMT STYLE SPRAY TIP

### NOTE A:

TRIGGER VALVE D-RINGS ARE MADE DF EPR RUBBER AND CAN DNLY BE LUBRICATED WITH "SUPER D LUBE".

### NOTE B:







# ATG-6500-FIT-W-INT FIT GEL GUN 03-21-16 PARTS KEY, PAGE 1

ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
1	MG-1018-CL-PL	RETAINING RING	1	46	ATE-40506	SPRING	1
2	UGT-35402-INT	CATALYST TIP	1	47	ATE-40505	AIR ADJUSTING SCREW	1
З	UMT-6025	SPRAY TIP	1	48	ATE-40709	GLIARD	1
		(XXXX = ZIZE)		49	ATE-4003-SIG	HANDLE ASSEMBLY	1
4*	0-E-012	D-RING	2	50	F-FHCS-1032-08	GUARD SCREW	2
БA	ATC-40323-A	DIFFUSER SEAT	1	51	ATE-40106	PLUG	1
6B	ATC-40323-B	PACKING RETAINER	1	52	PF-HN-02-045	AIR FITTING	1
7	ATC-40319	LOCKNUT	1	53	ATE-40611	RESTRICTOR (.040")	1
8*	ATC-40304	PACKING (SET OF 2)	1	54*	D-E-013	D-RING	1
9*	D-S-012A	D-RING	4	57*	D-T-008	D-RING	2
10	ATC-40318	PACKING PRESS	1	59	F-SS-1032-02-SS		1
11	ATC-40317	PACKING HOUSING	1	60	ATC-40616	SET SCREW	1
12*	000-2-0	D-RING	2	61	TRU-1021	ELBOW	1
13	ATC-40201	CAT. CYLINDER PLUG	1	62	TRU-1022	BARB	1
14*	800-2-0	D-RING	5	63	7304-3-1	SEAL	1
15	ATG-3501	HEAD (SEE NOTE B)	1				
16*	D-S-020	D-RING	2				
17	ATC-40701	SCREW	2	SEAL	KIT SOLD SEPARATE	SLY:	
18*	D-S-013	D-RING	2				
19	ATC-40216	CATALYST FITTING	1	* A	-EXT-SK SE	AL KIT	
20	ATE-40206	CATALYST CYLINDER	1				
21	ATE-40704	VALVE FRONT	1	HOSES	AVAILABLE SEPARA	TELY:	
22	ATC-40208	LOCK WASHER	1				
24 25	ATE-40209	CATALYST PISTON	1	6:1	RATID PUMP		
25	ATC-40213 ATG-40311-F	AIR FITTING MATERIAL TUBE	1		FLUID HOSE - HF	=L-0888-XX WITH	
20	D-E-008	D-RING	1		HFL-046J6J-5 ()	WHIP END)	
2/*	ATC-40305	PACKING RETAINER	1				
29	ATE-40305	SPRING	1	11:1	RATID PUMP		
30	ATC-40705	VAVLE BACK	1		FLUID HOSE - H	AW-0888-XX WITH	
31	ATE-40321	NEEDLE ASSY.	1		HAW-046J6J-5 ()	WHIP END)	
32	ATG-3502	GUN BACK	1				
33	ATE-40501	RETAINING SCREW	2	REFI	NEMENT/TRIGGER A:	IR HOSE - HA-0344-XX	
34	ATC-40108	SET SCREW	1	EATA	LYST HOSE - HCHP-	-023J3J-XXLC	
35	ATC-40113	BUTTON ASSEMBLY	1	CATA	LYST ATOMIZING A	IR HOSE - HA-0224-XX	
36	ATC-40111	TRIGGER LOCK	1				
37	ATC-40101	TRIGGER HOUSING	1	XX =	HOSE LENGTH DES:	IRED (25 FT, IS STANE	) ARD
38	ATC-40103	TRIGGER VALVE	1				
39*	D-E-006	D-RING	З				
40	ATC-40105	SPRING	1				
41*	D-B-008	D-RING	1				
42*	D-B-006	D-RING	2				
43*	D-B-007	D-RING	1				
44*	ATC-40304-1	D-RING	1				
45	ATC-40509	INSERT	1				
8							



# ATG-6500-FIT-W-INT FIT GEL GUN 03-21-16 PARTS KEY, PAGE 2

#### OPTIONAL EQUIPMENT:

ATC-40611-1 ,020" CATALYST RESTRICTOR

ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 - 11 AND ATC-40323-BT

ATC-40323-A-TL 5/16 NUT DRIVER

ATC-40323-BT TOOL FOR ATC-40323-B

ATC-40103-1 TRIGGER VALVE D-RING TOOL

ATC-40204-1 CAT. VALVE D-RING TOOL

MG-1018 ALUMINUM RETAINING RING

FGT-35402-INT FGT STYLE CATALYST TIP

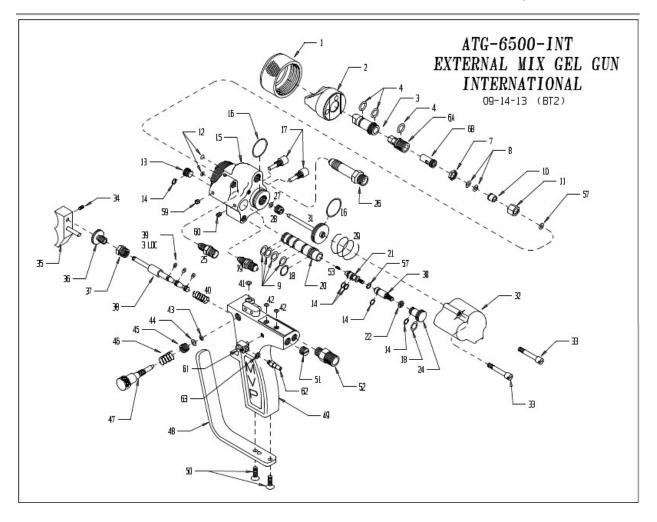
FMT-XXXX FMT STYLE SPRAY TIP

### NOTE A:

TRIGGER VALVE D-RINGS ARE MADE DF EPR RUBBER AND CAN DNLY BE LUBRICATED WITH "SUPER D LUBE".

### NOTE B:







	ATG-6500-INT GEL GUN 09-14-13 PARTS KEY, PAGE 1						
ITEM	PART #	DESCRIPTION	QTY		PART #	DESCRIPTION	QTY
1 2 3 4* 6A 6B 7 8* 9* 10 11 12* 13 14* 15 16* 17 18* 19 20* 21 22 24 25 26 27* 28 29 30 31 32 34 35 36 37 8 9* 40	MG-1018-CL-PL LICT-35402-INT LICT-XXX D-E-012 ATC-40323-A ATC-40323-B ATC-40319 ATC-40304 D-S-012A ATC-40317 D-S-006 ATC-40201 D-S-008 ATC-40201 D-S-008 ATC-40201 D-S-020 ATC-40701 D-S-013 ATC-40216 ATC-40206 ATC-40206 ATC-40206 ATC-40208 ATC-40208 ATC-40208 ATC-40208 ATC-40208 ATC-40213 ATC-40213 ATC-40213 ATC-40213 ATC-40213 ATC-4025 ATC-40325 ATC-40325 ATC-40325 ATC-40321 ATG-3502 ATC-40501 ATC-40108 ATC-40101 ATC-40103 D-E-006 ATC-40105	DESCRIPTION RETAINING RING CATALYST TIP SPRAY TIP (XXX = SIZE) D-RING DIFFUSER SEAT PACKING RETAINER LDCKNUT PACKING (SET DF 2) D-RING CAT, CYLINDER PLLIG D-RING CAT, CYLINDER PLLIG D-RING CAT, CYLINDER PLLIG D-RING SCREW D-RING SCREW D-RING SCREW D-RING SCREW D-RING SCREW D-RING SCREW D-RING SCREW D-RING SCREW D-RING SCREW D-RING CATALYST CYLINDER VALVE FRONT LDCK WASHER CATALYST PISTON AIR FITTING MATERIAL TUBE D-RING PACKING RETAINER SPRING VAVLE BACK NEEOLE ASSY. GUN BACK RETAINING SCREW BUTTON ASSEMBLY TRIGGER HOLISING TRIGGER VALVE D-RING SPRING VAVE	<b>QTY</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ITEM 48 49 50 51 52 53 57* 59 60 61 62 63 SEAL * AT HOSES 11:1 20:1 ALL	PART # ATC-40709 ATC-4003-SIG F-FHMS-1032-08 ATC-40106 PF-HN-02-04S ATC-40611 D-T-008 F-SS-1032-02-SS ATC-40616 TRU-1021 TRU-1022 7304-3-1 KIT SOLD SEPARATI F-EXT-SK AVAILABLE SEPARA RATIO PUMP: FLUID HOSE - HA HAW-0344-5 (WHI RATIO PUMPS: REFINEMENT/TRIG HA-0344-XX CATALYST HOSE - CATALYST ATOMIZ HA-0224-XX	GLIARD HANDLE ASSEMBLY GLIARD SCREW PLUG AIR FITTING RESTRICTOR (.040") D-RING SET SCREW SET SCREW ELBOW BARB SEAL SEAL SEAL KIT ATELY: W-0664-XX WITH P END > GER AIR HOSE - HCHP-023J3J-XXLC	1 1 2 1 1 1 1 1 1 1 1
41* 42* 43* 44* 45 46 47	D-B-008 D-B-006 D-B-007 ATC-40304-1 ATC-40509 ATC-40506 ATC-40505	D-RING D-RING D-RING D-RING INSERT SPRING AIR ADJUSTING SCREW	1 2 1 1 1 1				

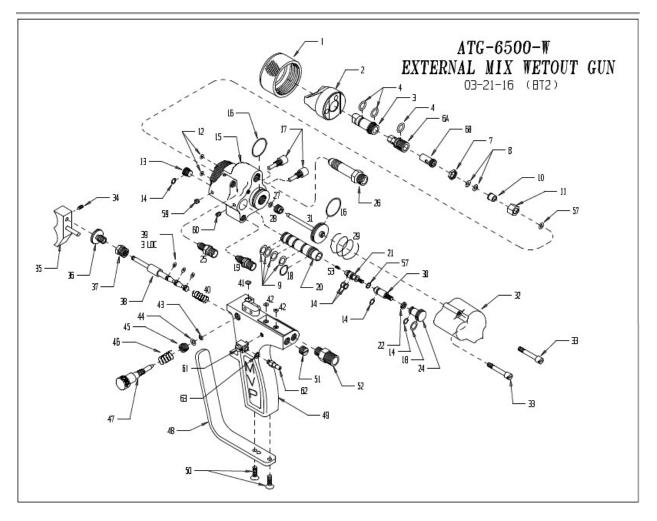


ATG-	6500-	-INT	
GE	L GUN	V	
09	-14-1	13	
PARTS	KEY,	PAGE	2

#### OPTIONAL EQUIPMENT:

- ATC-40611-1 .020" CATALYST RESTRICTOR
- ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 - 11 AND ATC-40323-BT
- ATG-35402-BIG- DOUBLE-SIDED CLEANABLE INT CATALYST TIP (SEE NOTE A.)
- ATG-35402-CL- SINGLE-SIDED CLEANABLE INT CATALYST TIP (SEE NDTE A.)
- ATC-40323-A-TL 5/16 NUT DRIVER
- ATC-40323-BT TOOL FOR ATC-40323-B
- ATC-40103-1 TRGGER VALVE D-RING TOOL
- ATC-40204-1 CAT. VALVE D-RING TOOL
- MG-1018-CL ALUMINUM RETAINING RING
- ATG-XXX SPRAY TIP (XXX = SIZE)
- ATG-35402-INT CATALYST TIP FOR ATG-XXX
- MG-1018 (DR MG-1018-PL) RETAINING RING FOR ATG-35402-INT
- NDTE A: MG-1018-CL-PL RETAINING RING IS NEEDED WHEN USING EITHER ATG-35402-BIG-INT DR ATG-35402-CL-INT CATALYST TIPS. (A MG-1018-CL ALUMINUM RETAINING RING MAY BE PURCHASED INSTEAD DF THE MG-1018-CL-PL DELRIN PLASTIC RING)
- NDTE B: TRIGGER VALVE D-RINGS ARE MADE DF EPR RUBBER AND CAN DNLY BE LUBRICATED WITH "SUPER D LUBE".
- NDTE C: ATG-3501 HEAD ASSEMBLY INCLUDES ITEM ATC-40206, ITEM 9. D-S-012A, ITEM F-SS-1032-02-SS, AND ITEM 6D. ATC-40616







# ATG-6500-W WETOUT GUN 03-21-16 PARTS KEY, PAGE 1

ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
1	MG-1018-CL-PL	RETAINING RING	1	45	ATE-40509	INSERT	1
2	UCT-35402	CATALYST TIP	1	46	ATE-40506	SPRING	1
З	UCT-552	SPRAY TIP	1	47	ATE-40505	AIR ADJUSTING SCREW	1
		(XXX = SIZE)		48	ATE-40709	GLIARD	1
4*	D-E-012	D-RING	3	49	ATE-4003-SIG	HANDLE ASSEMBLY	1
БA	ATC-40323-A	DIFFUSER SEAT	1	50	F-FHCS-1032-08	GUARD SCREW	2
6B	ATC-40323-B	PACKING RETAINER	1	51	ATE-40106	PLUG	1
7	ATC-40319	LOCKNUT	1	52	PF-HN-02-04S	AIR FITTING	1
8*	ATC-40304	PACKING (SET DF 2)	1	53	ATE-40611	RESTRICTOR (.040")	1
9*	0-2-012A	D-RING	4	57*	D-T-008	D-RING	2
10	ATC-40318	PACKING PRESS	1	59	F-SS-1032-02-SS	SET SCREW	1
11	ATC-40317	PACKING HOUSING	1	60	ATE-40616	SET SCREW	1
12*	000-2-D	D-RING	2	61	TRU-1021	ELBOW	1
13	ATC-40201	CAT. CYLINDER PLUG	1	62	TRU-1022	BARB	1
14*	0-2-008	D-RING	5	63	7304-3-1	SEAL	1
15	ATG-3501	HEAD (SEE NOTE C)	1				
16*	0-S-050	D-RING	2			*	
17	ATC-40701	SCREW	2	SEAL B	IT SOLD SEPARATE	LY:	
18*	D-S-013	D-RING	2				
19	ATE-40214	CATALYST FITTING	1	* AI-	-EXT-SK SEAL K	11	
20	ATC-40206	CATALYST CYLINDER	1				
21	ATE-40704	VALVE FRONT	1	HOSES	AVAILABLE SEPARA	TELY:	
22	ATE-40208	LOCK WASHER	1				
24	ATE-40209	CATALYST PISTON	1	б:1	RATID PUMP:		
25	ATE-40213	AIR FITTING	1		FLUID HOSE - HFL		
26 27*	ATG-35311 D-E-008	MATERIAL TUBE D-RING	1		PF-SW-06M-04F TD	ATTACH HOSE TO GUN	
2/*			-				
28 29	ATE-40305	PACKING RETAINER SPRING	1	11:1	RATID PUMP:		
29 30	ATC-40325 ATC-40705	VALVE BACK	1		FLUID HOSE - HAW		
31	ATE-40705	NEEDLE ASSY.	1		HAW-0444-5 (WHIP	END)	
32	ATG-3502	GUN BACK	1				
33	ATE-40501	RETAINING SCREW	2	ALL K	RATID PUMPS:		
34	ATE-40108	SET SCREW	1		REFINEMENT/TRIGG	EK VIK HOZE -	
35	ATE-40113	BUTTON ASSEMBLY	1		HA-0344-XX	UE 0004 VV	
36	ATE-40111	TRIGGER LOCK	1		CATALYST HOSE -		
37	ATC-40101	TRIGGER HOUSING	1		CATALYST ATOMIZI	NG AIR HUSE -	
38	ATE-40103	TRIGGER VALVE	1		HA-0224-XX		
39*	D-E-006	D-RING	3	vv			
40	ATE-40105	SPRING	1	~~ =	HUSE LENGIH DEST	RED (25 FT. IS STAND	
41*	0-8-008	D-RING	1				
42*	0-8-006	D-RING	2				
43*	0-8-007	D-RING	1				
44*	ATE-40304-1	D-RING	1				
1000000	9.599.000000000000000000000000000000000	104002330415523	1990/67				



## ATG-6500-W WETOUT GUN 03-21-16 PARTS KEY, PAGE 2

#### OPTIONAL EQUIPMENT:

- ATC-40611-1 .020" CATALYST RESTRICTOR
- ATC-40314 CARTRIDGE ASSEMBLY WHICH INCLUDES ITEMS 4 - 11 AND ATC-40323-BT
- ATG-35402-BIG DUBLE SIDED CLEANABLE CAT TIP. (SEE NDTE A.)
- ATG-35402-CL SINGLE-SIDED CLEANABLE CATALYST TIP. (SEE NOTE A.)
- ATC-40323-A-TL 5/16 NUT DRIVER
- ATC-40323-BT TOOL FOR ATC-40323-B
- ATC-40103-1 TRIGGER VALVE D-RING TOOL
- ATC-40204-1 CAT. VALVE D-RING TOOL
- MG-1018-CL ALUMINUM RETAINING RING
- ATC-XXX SPRAY TIP (XXX = SIZE)
- ATG-35402 CATALYST TIP FOR ATC-XXX
- MG-1018 (DR MG-1018-PL) RETAINING RING FDR ATG-35402

### NOTE A:

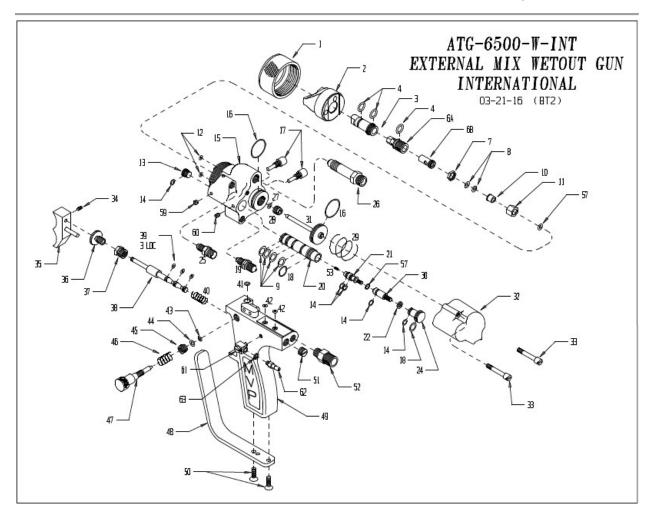
MG-1018-CL-PL RETAINING RING IS NEEDED WHEN USING EITHER ATG-35402-BIG DR ATG-35402-CL CAT TIPS. (A MG-1018-CL ALUMINUM RETAINING RING MAY BE PURCHASED INSTEAD DF THE MG-1018-CL-PL DELRIN PLASTIC RING)

### NOTE B:

TRIGGER VALVE D-RINGS ARE MADE DF EPR RUBBER AND CAN DNLY BE LUBRICATED WITH "SUPER D LUBE".

#### NOTE C:







	ATG-6500-W-INT WETOUT GUN 03-21-16													
		PARTS K			E 1									
ITEM	PART #	DESCRIPTION	QTY		PART #	DESCRIPTION	QTY							
1	MG-1018-CL-PL		1		ATC-40709	GUARD	1							
2	UCT-35402-INT		1			HANDLE ASSEMBLY	1							
З	UCT-552	SPRAY TIP (XXX = SIZE)	1	1000	F-FHMS-1032-08 ATC-40106	GUARD SCREW	2 1							
4*	D-E-012	D-RING	З			AIR FITTING	1							
6A	ATC-40323-A	DIFFUSER SEAT	1		ATC-40611	RESTRICTOR (.040")	1							
6B	ATC-40323-B		1		D-T-008	D-RING	2							
7	ATC-40319		1		F-SS-1032-02-SS		1							
8*	ATC-40304	PACKING (SET DF 2)	1			SET SCREW	1							
9*	0-S-012A	D-RING	4	61	TRU-1021	ELBOW	1							
10	ATC-40318	PACKING PRESS	1	62	TRU-1022	BARB	1							
11	ATC-40317	PACKING HOUSING	1	63	7304-3-1	SEAL	1							
12*	0-2-006	D-RING	2											
13	ATC-40201	CAT, CYLINDER PLUG												
14*	800-2-0	D-RING	5	SEAL	KIT SOLD SEPARAT	BLY:								
15	ATG-3501	HEAD (SEE NOTE C)	1											
16*	D-S-020	D-RING	2	* AT	-EXT-SK	SEAL KIT								
17	ATC-40701	SCREW	2											
18* 19	D-S-013 ATC-40216	D-RING J.I.C. CAT. FITTING	10000	HOSES	AVAILABLE SEPAR.	ATRLV-								
20*	ATC-40206		1	HODED	ATAILADLE SEFAN	AIBLI.								
201	ATC-40704	VALVE FRONT	1	5:1	RATIO PUMP:									
22	ATC-40208	LOCK WASHER	1	0.12	FLUID HOSE - HF	L-0666-XX WITH								
24	ATC-40209	CATALYST PISTON	1		РЕ-SW-0БМ-04F Т	O ATTACH HOSE TO GUN								
25	ATC-40213	AIR FITTING	1											
26	ATG-35311	MATERIAL TUBE	1	11:1	RATIO PUMP:									
27*	0-E-008	D-RING	1	FLUID HDSE - HAW-0664-XX WITH										
28	ATC-40305	PACKING RETAINER	1		HAW-0444-5 (WHI	P END)								
29	ATC-40325	SPRING	1											
30	ATC-40705	VAVLE BACK	1	ALL	ALL RATIO PUMPS:									
31	ATC-40321	NEEDLE ASSY.	1	REFINEMENT/TRIGGER AIR HOSE -										
32	ATG-3502	GUN BACK	1		HA-0344-XX									
	ATC-40501	RETAINING SCREW	2	CATALYST HZGLESO-9HCH - 32DH TZYLATAC CATALYST ATDMIZING AIR HDSE -										
34	ATC-40108	SET SCREW	1		HA-0224-XX	ING AIK HUSE -								
35 36	ATC-40113 ATC-40111	BUTTON ASSEMBLY TRIGGER LOCK	1		TIA UZZA AA									
37	ATE-40101	TRIGGER HOUSING	1	XX =	HOSE LENGTH DES	IRED (25 FT. IS STAN	narn)							
38	ATC-40103	TRIGGER VALVE	1											
39*	D-E-006	D-RING	3											
40	ATC-40105	SPRING	1											
41*	D-B-008	D-RING	1											
42*	D-B-006	D-RING	2											
43*	0-B-007	D-RING	1											
44*	ATC-40304-1	D-RING	1											
45	ATC-40509	INSERT	1											
46	ATC-40506	SPRING	1											
47	ATC-40505	AIR ADJUSTING SCREW	1											

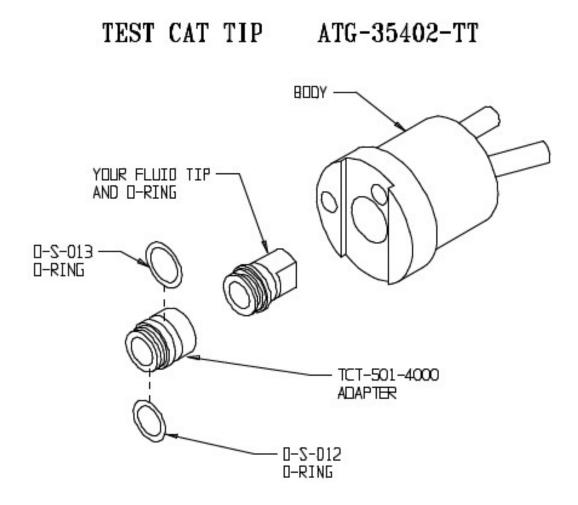


## ATG-6500-W-INT WETOUT GUN 03-21-16 PARTS KEY, PAGE 2

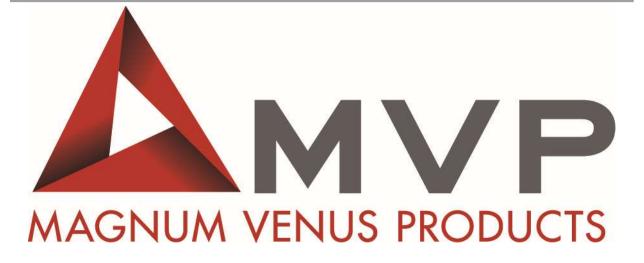
#### OPTIONAL EQUIPMENT:

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- NDTE B: TRIGGER VALVE D-RINGS ARE MADE DF EPR RUBBER AND CAN DNLY BE LUBRICATED WITH "SUPER D LUBE".
- NDTE C: ATG-3501 HEAD ASSEMBLY INCLUDES ITEM ATC-40206, ITEM 9. D-S-012A, ITEM F-SS-1032-02-SS, AND ITEM 60. ATC-40616









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