

In 2010 we changed the vendor on our spray guns used on the Hydro Force sprayers, SX-12 & SX-15. The spray guns look similar & are directly interchangeable; however they do require different repair parts. This document will help you identify the type of spray gun you have and which repair parts you need to order.



The older style Italian version of the 100010 spray gun has the model number MV960 embossed on the side of the gun body

For Repair Instructions proceed to Section II

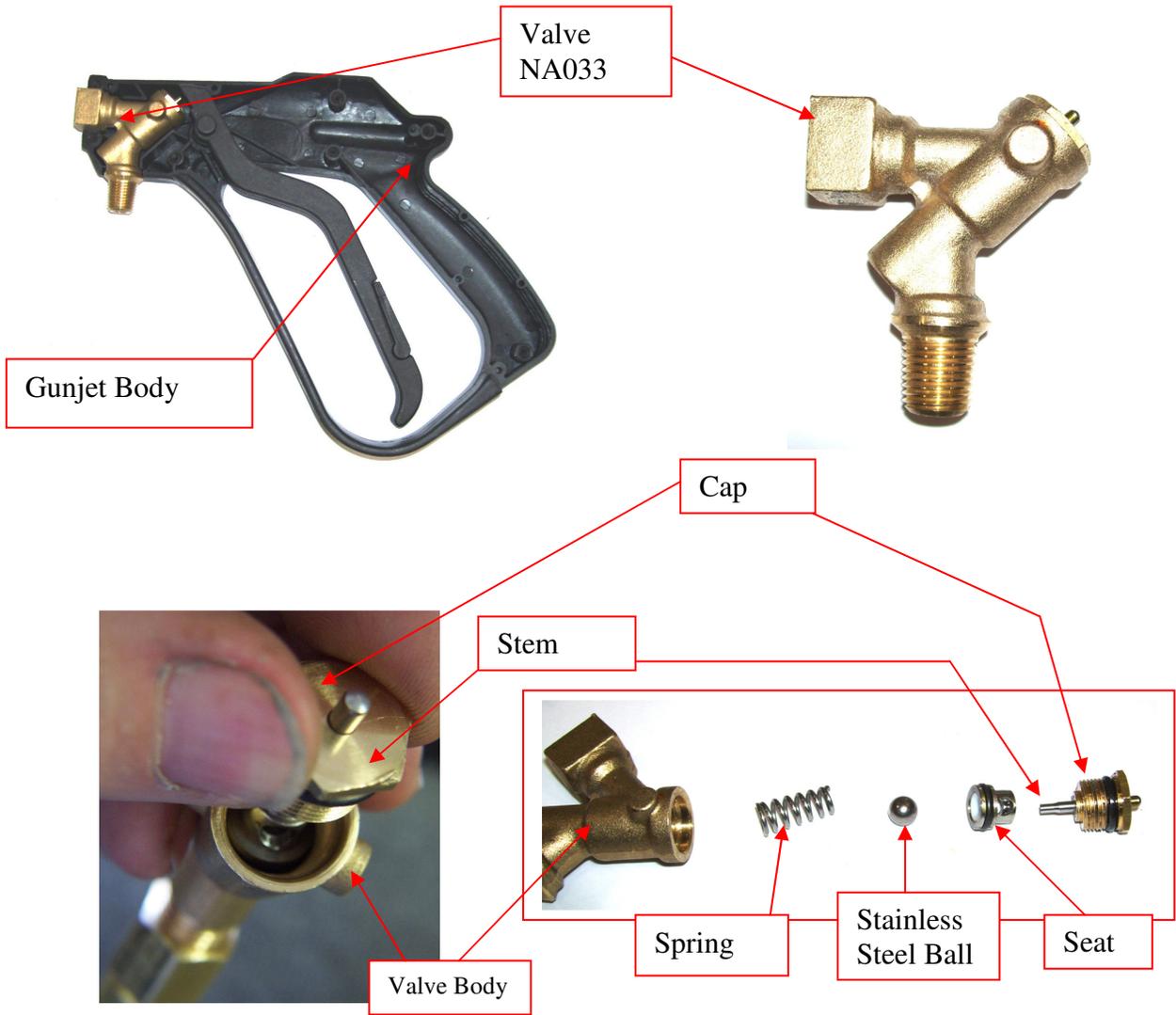


The newer style China version of the 100010 spray gun has the word CHINA embossed on the lower end of the gun handle.

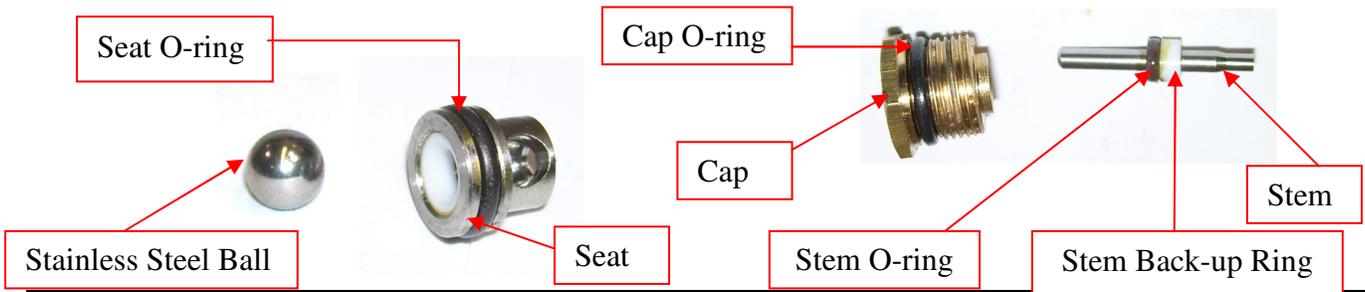
For Repair Instructions proceed to Section I

Section I: Repairing the 100010 Gunjet – New Style

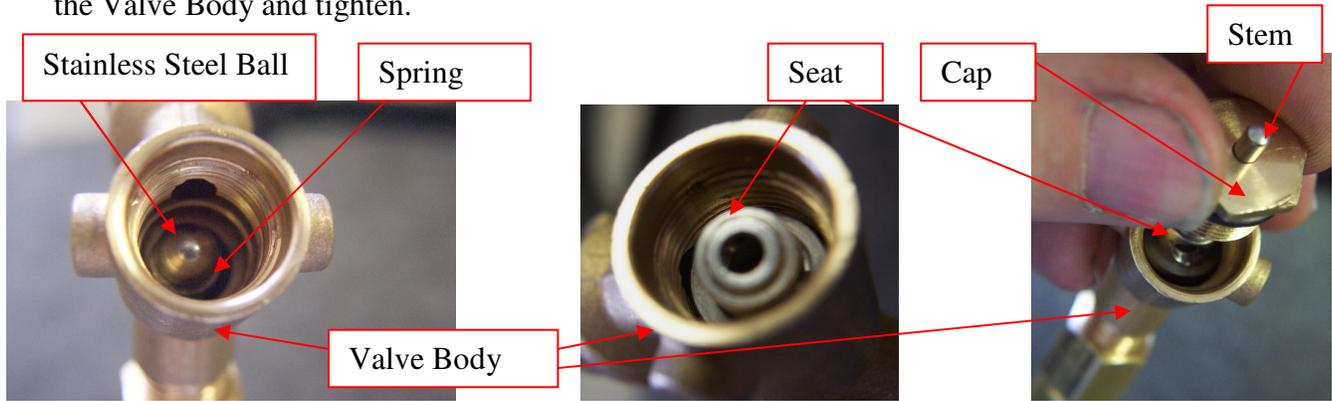
- To service the New Style Gunjet 100010 you do not have to remove the Sprayer Extension (NA0833) or the High Pressure Hose Assembly (NA0828) or Quick Connect (BR335) unless you are replacing the valve. Remove the seven screws holding the side plate on the Gunjet Body and remove the side plate to expose the valve. Use a 15mm - 6 point Socket wrench to remove the Cap from the top of the Valve (NA033). Then remove the Cap and Stem from the valve. Then remove the Seat, Steel Ball and Spring.



- Examine the Cap, Spring, Seat and Steel Ball for signs of wear or pitting. Replace Spring as needed. Replace the Seat o-ring. Replace Steel Ball as needed. Remove Stem from Cap and replace seals as needed. If the valve body, cap or seat is worn or damaged, replace the whole valve (NA033).



- Re-assemble the Valve using new parts as needed. Repair Kit (NA033A) contains commonly used repair parts for the NA033 Valve. Place the Spring into the Valve Body and set the Steel Ball on top of the Spring. Place the Seat with the curved seating surface against the Steel Ball. Apply Loctite 242 or similar thread sealant on the Cap threads. With the Stem and Seal Rings in place, thread the Cap into the Valve Body and tighten.

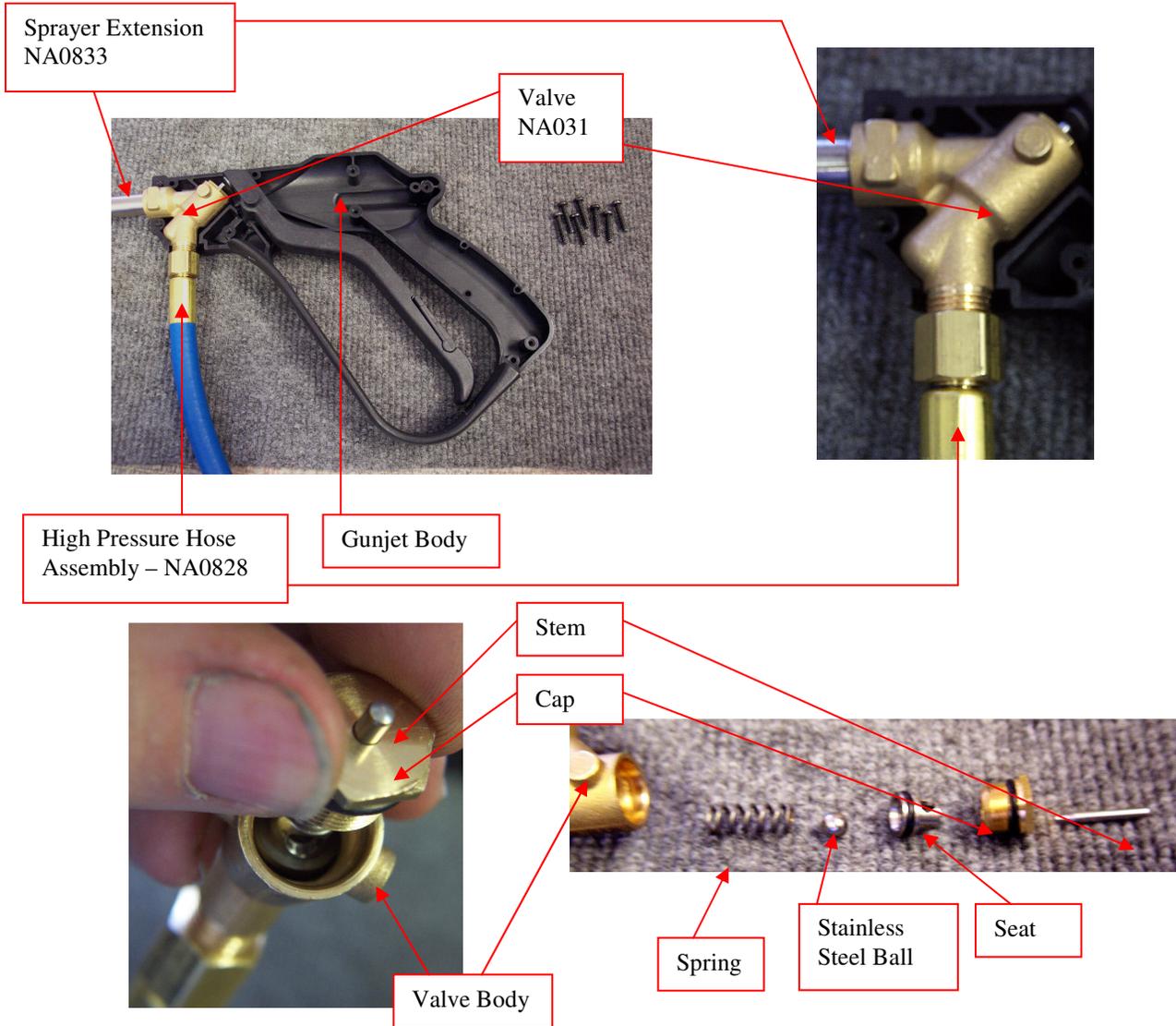


- Place the Valve (Repaired or New) into the Gunjet Frame and replace the Side Plate. Secure the Side Plate with the seven screws.
- Test the Gunjet and repeat repair procedure, replace the valve or replace the Gunjet if problems persists.

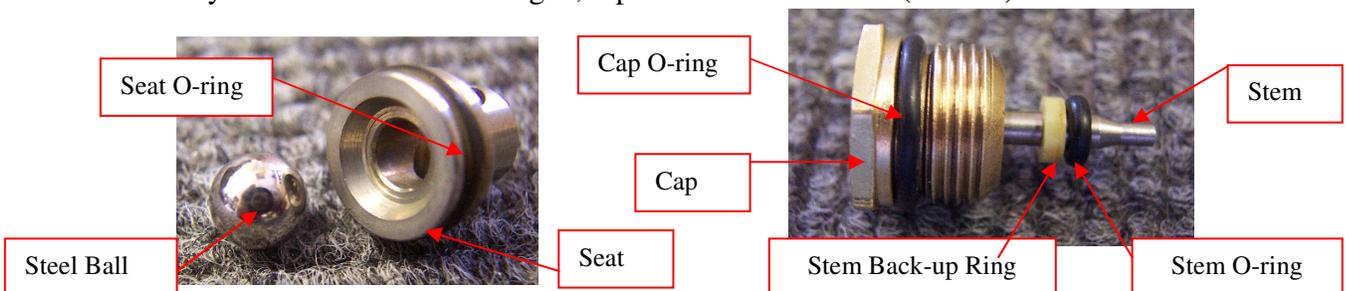


Section II – Repairing the 100010 Gunjet – Old Style

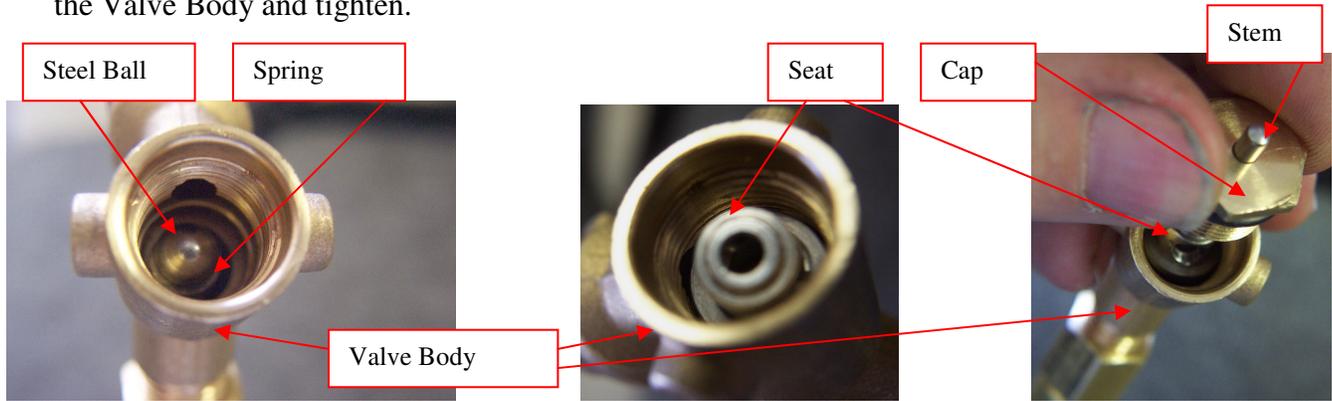
- To service the Old Style Gunjet **100010** you do not have to remove the Sprayer Extension (**NA0833**) or the High Pressure Hose Assembly (**NA0828**) unless you are replacing the valve. Remove the seven screws holding the side plate on the Gunjet Body and remove the side plate to expose the valve. Use a 15mm - 6 point Socket wrench to remove the Cap from the top of the Valve (**NA031**). Then remove the Cap and Stem from the valve. Then remove the Seat, Steel Ball and Spring.



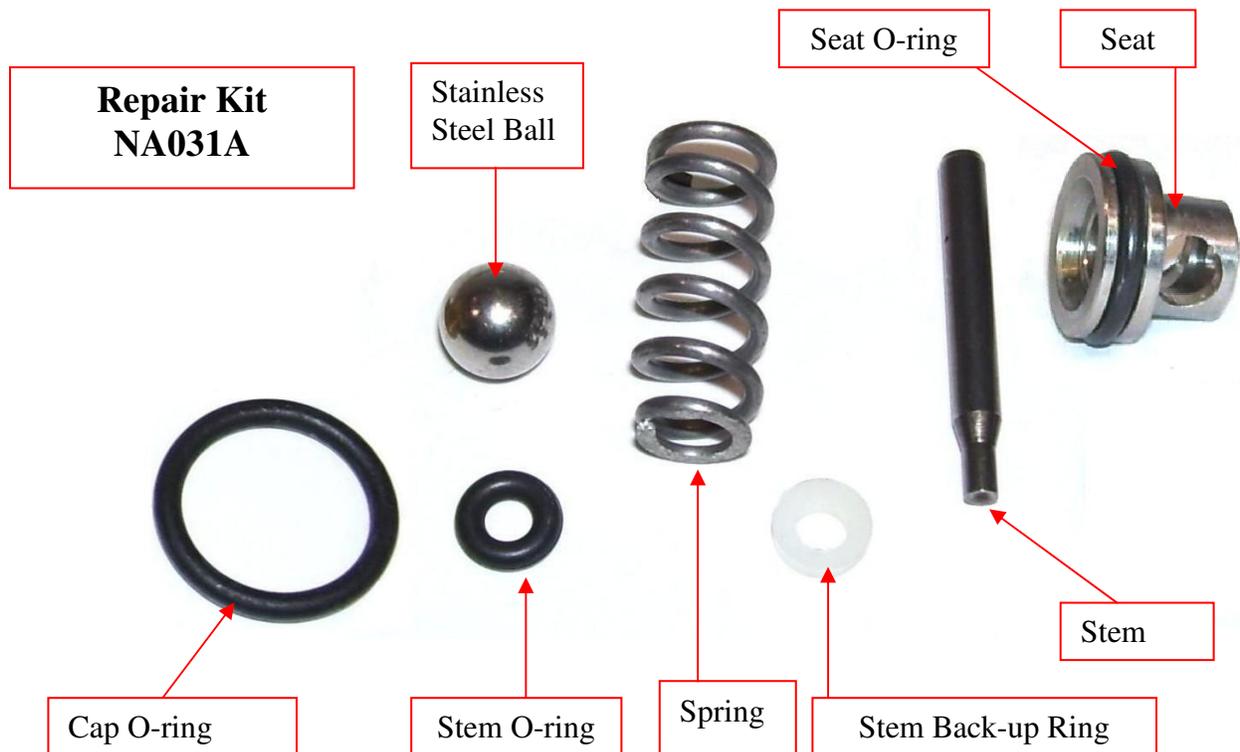
- Examine the Spring, Seat and Steel Ball for signs of wear or pitting. Replace Spring as needed. Replace the Seat o-ring. Replace Steel Ball as needed. Remove Stem from Cap and replace seals as needed. If the valve body or seat is worn or damaged, replace the whole valve (**NA031**).



- Re-assemble the Valve using new parts as needed. Repair Kit (NA031A) contains commonly used repair parts for the NA031 Valve. Place the Spring into the Valve Body and set the Steel Ball on top of the Spring. Place the Seat with the curved seating surface against the Steel Ball. Apply Loctite 242 or similar thread sealant on the Cap threads. With the Stem and Seal Rings in place, thread the Cap into the Valve Body and tighten.



- Place the Valve (Repaired or New) into the Gunjet Frame and replace the Side Plate. Secure the Side Plate with the seven screws.
- Test the Gunjet and repeat repair procedure, replace the valve or replace the Gunjet if problems persists.



Quick Connects are used on the AS08 & AS08R Hydro Force Sprayers to create a swivel connection between the gun and hose. If the quick connects begin to leak there is an o-ring in the female quick connect (**BR337**) which can be replaced with a new o-ring (**NA0873**).

Turn off or disconnect solution supply pressure from sprayer before separating the quick connects.



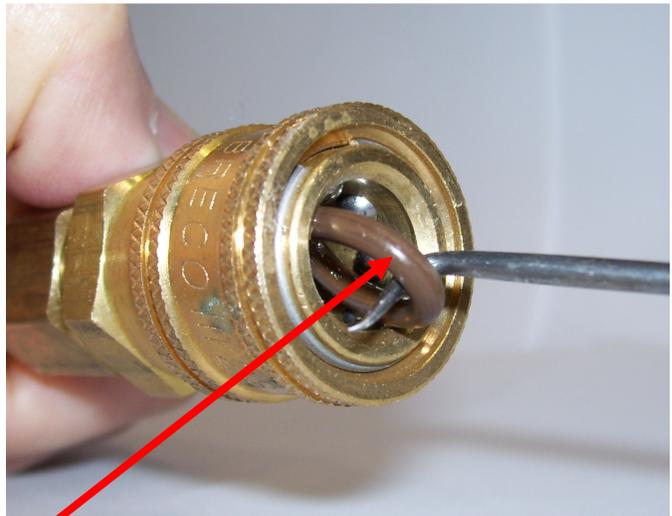
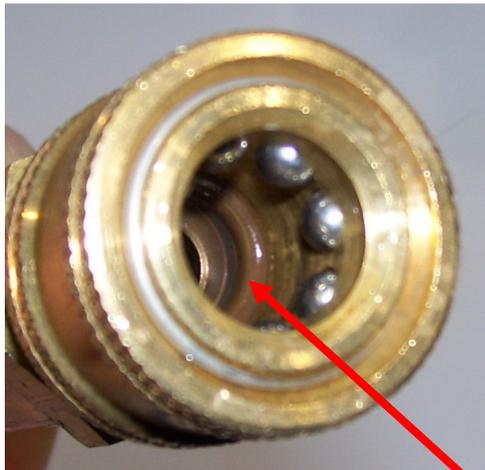
Male Quick Connect - BR335
1/4" Female NPT



Female Quick Connect - BR337
1/4" Male NPT



**NEVER SEPARATE QUICK CONNECT
WHEN SPRAYER SOLUTION LINE IS
PRESSURIZED**



Viton O-ring – NA0873