



910-SCM EX/VK BK
910-SCM EX/VK NI
910-SCM M/AC BK
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910-SCM MATRIX BK
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You have purchased the latest in LPR technology. The SCM is a pressure-compensating LPR and has an extremely fast recharge time and response time. There are a few things you should know before you use the SCM. When you first install the regulator, it will need a break-in period.

Please do not try to disassemble the regulator.

When you purchase the regulator, it is not set at any pressure. The regulator is sensitive. When adjusting, do not over adjust.

The Merlin/AC style can be used on any marker that uses a 1/8 NPT threaded fitting.

Do not use grease of any kind. This regulator is designed to use synthetic oil. Some lubes will swell the urethane o-rings. We recommend our Extreme Lube. If you lube the SCM and your marker regularly, it will give you years of use.

Do not use bottle o-rings. They are a different softness and can cause damage.

The method of adjusting the pressure on the SCM depends on the kind of marker you have.

1. Excalibur/ Viking: Use the LPR gauge to read the pressure. Set the Sidewinder output to 200 psi. Increase the pressure to about 3-4 psi. Fire the marker a few times and then degas the marker completely. When you gas up again, the SCM will regulate the pressure to your desired setting.
2. Merlin/ AC: Make sure you are operating at your normal pressure to get correct velocity. Increase the SCM pressure until the back block holds the bolt open completely and the marker cycles correctly. Then increase the pressure output of the SCM a little more. Then cycle the bolt by hand. Try the marker again to see if everything cycles correctly.
3. Matrix: Adjust the SCM until the marker cycles correctly, and then degas the marker. Air up again to make sure the marker cycles correctly.

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