

AR4-AR5-AR6 HUNTING MASTER Owner's Manual

TECHNICAL DATA

Mechanical system	Precharged pneumatic.
	AR4 - .177 cal. (4.5 mm)
Caliber/Ammunition	AR5 - .20 cal. (5.0 mm)
	AR6 - .22 cal. (5.5 mm)
Magazine	6 shot rotary revolver magazine
Total length	AR4, AR5 & AR6 Rifle: 42 in (1065mm) AR5 & AR6 Pistol: 11.5 in (279mm)
Weight	AR5 & AR6 Rifle: 7.5 lbs (3.4 kg) AR5 & AR6 Pistol: 3.05 lbs (1.38 kg)
Muzzle velocity	UP to 1200 FPS
High Power	AR6 Rifle: 63 ft/lbs - 80+ joules! AR6 Pistol: 45+ joules
Shots per charge	AR4, AR5 & AR6 Rifle: 25 shots AR5 & AR6 Pistol: 7 shots
Stock	AR4, AR5 & AR6 Rifle: Regular & Thumbhole AR5 & AR6 Pistol: Regular & Two Piece.
Barrel	AR4, AR5 & AR6 Rifle: 24-25.6 in (610-650mm) AR5 & AR6 Pistol: 11.8-9.44 in (300-240mm)
Safety	Manual



Charging

The Hunting Master series of air guns must be charged with air at high pressure. This may be accomplished with either a scuba tank, ARS hand pump or compressor. While the prefilled scuba tank is the fastest and easiest way to fill the gun's reservoir, many shooters prefer the portability and independence provided by the hand pump. The filler hose and probe must be first connected to a scuba yoke to allow charging with a tank.

I. To charge with a scuba tank:

1. Make sure the gun is unloaded by removing the magazine.
2. Engage the safety into the safe position. (See below [Safety](#))
3. Connect the yoke and hose assembly to the tank.
4. Orient the dust cap at the muzzle end to the reservoir to expose the fill hole.
5. Insert the probe into the fill hole until firmly seated. No threading is required, but sometimes using a slight twisting motion while inserting the probe will help.
6. Make sure the bleed nut on the yoke is tightened down to prevent air escape.
7. Slowly open the valve on the tank, allowing the high pressure air to equalize into the reservoir. Once no further air seems to be flowing into the gun (either done by listening to or observing the built in pressure gauge), the valve on the tank is closed off. **Do not exceed charge of greater than 3000 psi (204 bar).**
8. The yoke bleed nut is then loosened to allow the excess air to escape. The filler probe may now be removed and the dust cap twisted to protect the fill hole from dust and dirt.
9. The gun is now charged. Note the position of the level indicator on the reservoir's pressure gauge to familiarize yourself with the gun's typical full mark (AR6 pistol has no pressure gauge).
10. Experience with either the pressure gauge and/or the shot velocity will tell the shooter when it is time to recharge the gun. Typically, the Hunting Master will fire four magazine loads of six shots each before it becomes necessary to recharge with air.

CAUTION: High pressure air can be dangerous if handled carelessly. The discharge of air from any of these air guns, even without a projectile, can be extremely hazardous. Never discharge or dry fire a charged air gun in any direction as the escaping air can cause serious injury.

II. To charge with a hand pump:

1. Make sure the gun is unloaded by removing the magazine.
2. Engage the safety into the safe position. (See below [Safety](#))
3. Connect the hose to the base of the hand pump.
4. Orient the dust cap at the muzzle end of the reservoir to expose the fill hole.
5. Insert the fill probe into the fill hole until firmly seated. No threading is required, but sometimes using a slight twisting motion while inserting the probe will help.
6. Make sure the bleed nut on the yoke is tightened down to prevent air escape.
7. Grasp the pump handles firmly with both hands while standing on the footpads of the pump. Using steady strokes, work the handles up and down fully to charge the gun's reservoir. Continue to pump until the reservoir gauge shows a full charge. Do not exceed a charge of greater than 3000 psi (204 bar on European gauge).

8. Loosen the pump's bleeder valve to allow the excess air to escape. The fill probe may now be removed and the dust cap twisted to protect the fill hole from dirt and dust.
9. The gun is now charged. Note the position of the level indicator on the reservoir's pressure gauge to familiarize yourself with a typical full charge when using the hand pump (AR6 pistol has no pressure gauge).

Loading

To load any Hunting Master series of air gun, the cylinder magazine must first be removed from the gun. Loading is accomplished easily by following these steps:

1. Hold the rifle or pistol in your left hand with the muzzle pointing in a safe direction. Make sure the hammer is in the lowered, uncocked position with the hammer safety on and with the primary trigger safety in the safe "S" position.
2. Grasp the magazine firmly between your right thumb and index finger. Push the magazine straight out to the right to clear the receiver using the force of your thumb (see Figure 3).
3. Place six appropriate caliber pellets skirt first into the front of the cylinder magazine. The front of the magazine is noted as the fluted end of the cylinder (see Figure 4).
4. The pellets must be pushed back so that the heads are flush with the front cylinder face.
5. Once loaded, the magazine is reinserted into the receiver from the right side until it clicks positively back into position. Indexing is automatic and requires no further alignment. The gun is now ready for firing six repeat shots.



Figure 3

Operating

The Hunting Master series of air guns should be fired single-action only. If you shoot your gun double-action, you may damage it.

The air gun will fire single action by:

- a) Pushing the primary safety to "F" for fire.
- b) Pulling the hammer block safety to the up position.
- c) Manually cocking back the hammer to full cock.
- d) Making sure of the target and pulling trigger.

Maintenance

The Hunting Master air guns require minimum effort to maintain. The gun's external metalwork should be wiped down with a rust inhibiting oil after use to preserve the bluing. The stock should be treated occasionally with a good quality stock wax to preserve its luster.

Internally, the valves should require no lubrication, except for a drop or two of pneumatic gun oil placed in the inlet fill hole every 500 shots or so. The O rings on the filler probe should be periodically lightly treated with silicone grease (available from scuba shops) to prevent being cut or damaged by the filler hole and to facilitate charging.

It is also a good idea to check the tightness of the stock screws (and scope screws if used) every 500 shots or so. The screws are not as likely to loosen as on a spring piston gun, but nevertheless will affect accuracy if they do become loose.

Safety

Safety First! Every time you pick up your air gun, you should perform an inspection. Be sure to clear the air gun of pellets. **DO NOT** pull the trigger until the air gun has been cleared. Inspect the cylinder to ensure that it is empty and that no pellets are in loading port and/or chamber.

The Hunting Master AR5, 3, and 12 are all fitted with manual safety mechanism.

The safety is the silver colored lever located on the right side of the receiver. To engage the safety (to prevent discharge), pull the lever back to the rearmost position indicated by the letter "S." To disengage the safety (to allow discharge), push the safety forward to the position indicated by the letter "F."

All charging, loading, and transporting of the air gun should only be performed with this safety lever engaged in the "S" safe position.

