

# INSTALLATION INSTRUCTIONS

## Oval Cavities

Thanks for choosing *Edwards* RECOIL REDUCER®, the world's leader in recoil reduction since 1965. It is recommended that these directions be followed exactly, with no alterations except those discussed below, to achieve maximum satisfaction. Altering this unit by any other means will void the lifetime warranty.

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1. If the reducer is already “loaded” into the sleeve, it will be necessary to remove it so that the sleeve can be properly fitted. This can best be accomplished by inserting a wide blade screwdriver into the slit down the side of the sleeve, and twisting the sleeve open. Once it has been spread open, the reducer should slide out with minimal force. PLEASE NOTE that the forward adjusting cam is protruding through a notch cut into the sleeve. When you insert the reducer back into the sleeve, this cam MUST be placed back into the notch.
2. Slide the empty sleeves into the oval cavity. The end with the notch should be at the top of the cavity, closest to the comb, with the notch at the bottom of the hole (closest to the drawbolt) and facing up towards the comb. You will note that the sleeve protrudes beyond the end of the stock. Mark the length of the sleeve with a pencil, so that it can be removed and cut to length.
3. Remove and cut the excess off with a hacksaw, and dress the cut with a file to remove any sharp edges. Test fit to make certain the sleeve is flush, or a little less than, from the end of the gunstock. We do not want it sticking out, or the recoil pad will not fit correctly.
4. Remove the sleeve from the hole and reinsert the reducer into the sleeve with the forward adjusting cam centered in the notch, and the cross facing the rear of the sleeve (the part you cut off).
5. Slide the sleeved unit into the oval cavity. We want the fit to be snug, but not so tight that it has to be driven in with a hammer. If it is too tight, remove the reducer from the sleeve and remove two wraps of tape from either end. Test again, and, if necessary, remove two more wraps of tape. Take off a maximum of 4 wraps. If the sleeved unit is still too tight, the cavity will have to be drilled out to a one-inch diameter to accommodate the adjustable unit.
6. After the sleeve has been installed into the cavity, it is necessary to provide stabilization of the sleeve to keep it solid in the hole. At the factory, we use Styrofoam™ inserted into the space between the sleeves and compacted with a wooden dowel tapped with a hammer. In the field, you can copy this procedure, or use compacted paper towel or even toilet paper. The objective is to provide a tightly compacted fill in the remainder of the cavity.
7. Once it is installed, adjust the unit per the instructions enclosed in the plastic bag. Place the rubber washers back into the end of the sleeve, and replace recoil pad. The washers may have to be sanded a bit with a disk or belt sander to provide a slight taper as well as protruding 1/16<sup>th</sup> of an inch out of the cavity. That 1/16<sup>th</sup> of an inch of washer will squeeze down when you tighten the recoil pad to provide pressure on the reducer to keep it from turning during use.
8. Take it out and try it. If the unit is adjusted correctly you will feel an instant reduction in recoil, but unless it is kicking you in places you have never been kicked before, allow about 100 shots before performing any adjustments. This is a necessary “break-in” period.

*Edwards* RECOIL REDUCER®

1300 Seabright Drive, Annapolis MD 21401

Phone 410-349-1878 | Fax 410-349-1043

customerservice@edwardsrecoilreducer.com | edwardsrecoilreducer.com