



# NIAGARA AIR PARTS, INC.

SA-01 Rev. D 04-04-14

## Starter Adapter “Fly Tomorrow” Exchange Program

**Do not install your “exchange adapter” until you have read and agreed to the following terms and conditions:**

In order to support our “***Fly Tomorrow***” starter adapter exchange program, we maintain one of the world’s largest and most diversified inventory of “***ready to ship***” TCM starter adapters.

The adapter you received has been overhauled to the TCM manual and incorporates many of the special improvements, high quality and “attention to detail” for which we have become so well known.

The adapter core that you return to us must be repairable using TCM overhaul procedures. Any major parts that must be replaced will be charged back against your core deposit. Rejected parts will be returned to you, on request, at your expense.

**NOTE: our “Fly Tomorrow” exchange program depends on you returning your starter adapter core as soon as possible so that we may help the next person in need!**

**In the event that “non-standard repair charges” exceed the core value we charged you, no additional charge will be made to you or your customer. The damaged core, however, always remains the property of Niagara Air Parts, Inc. and is not for sale.**

**It is very important that you or your customer understand that the final cost depends on the condition of your core unit!**

The following non-standard repairs will result in a surcharge against your core deposit.

- Replacing Knurled friction collet - \$140.00 installed.
- Grinding main gear shaft and brass gear to “minus .028” and supplying special spring - \$100.00.
- Grinding main gear shaft and brass gear to “minus .043” and supplying special spring and friction sleeve- \$240.00.
- Replacing rusted / pitted / damaged small shaft - \$300.00
- Replacing rusted / pitted / damaged small worm gear - \$175.00
- Replacing damaged brass gear - \$450.00
- Replacing damaged / worn / old style adapter housing - \$550.00.
- Replacing broken / worn / old style lid - \$200.00
- Replacing worn / broken / scrap turbo scavenge oil pump bodies, lids and internal gears and small shafts – \$\$\$\$ very expensive and dependent on TCM prices or CAM prices.
- Replacing worn out / damaged / chrome plated main gear shafts - \$\$\$\$ very expensive and dependent on TCM or CAM prices.

**Niagara Air Parts’** core return policy allows our customers, with repairable cores, to pay less than they would for the OEM’s overhauled units. Customers returning core units that are not fully repairable can still be assured that the final cost is still highly competitive with OEM list prices. The most important factor is “OUR ADAPTERS WORK”.

**The OEM** supports general aviation by supplying overhauled starter adapters on the condition that the exchange core is returned to them in “as removed” condition. Provided that this condition is met, TCM will make a full refund (no penalties) of the core deposit that they charge. While this may sound good, bear in mind that **TCM exchange list prices are often much higher than we offer you and you will probably not “Fly Tomorrow”**.

**If, for any reason, we have failed to satisfy you completely, please return the Starter Adapter to us for a full refund and we will return your core to you.**

2221 Niagara Falls Blvd., Box 11  
Niagara Falls, New York 14304  
Toll Free: 1-800-565-4268 International: 705-326-1368 Fax: 705-326-8105  
E-Mail: [sales@niagaraairparts.com](mailto:sales@niagaraairparts.com)  
[www.niagaraairparts.com](http://www.niagaraairparts.com)



**Niagara Air Parts, INC.**

sales@niagaraairparts.com

We Ship Same Day, Anywhere in the World



2221 Niagara Falls Blvd.  
Box 11  
Niagara Falls, New York 14304  
USA 800-565-4268  
PHONE: 705 326-1368  
FAX: 705-326-8105

## Continental Aircraft Engine Starter Adapter Oil Supply



The volume of oil flow pictured above is applicable to “EVERY”  
Continental aircraft engine starter adapter installation

See a video of the above demonstration on our Youtube channel at  
[www.youtube.com/niagaraairparts](http://www.youtube.com/niagaraairparts)

Please note that the Continental Engine pictured is being rotated “by hand” with the spark plugs removed for safety. You can gauge the rotational speed attained by the “snapping sound of the impulse couplings”. Niagara recommends that this test be performed whenever the starter adapter is removed for service prior to reinstallation of the repaired / overhauled unit.

Niagara Air Parts, Inc.

is recognized by the “piston engine” aviation industry as the world’s most knowledgeable source of information with respect to the operation and repair of the right angle drive “Continental Starter Adapter”