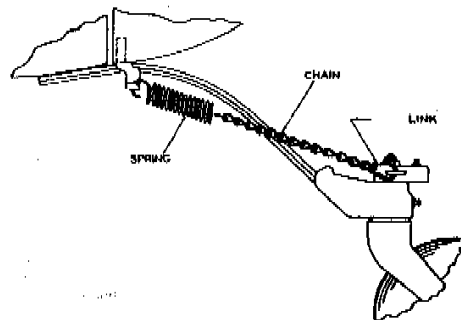


TAILWHEEL TIPS

Our tailwheel assembly is designed to full swivel after the steering arm is displaced from center 33 degrees or more. Most rudders have travel of 30 degrees or less. Therefore full rudder application will not disconnect the tailwheel from steerable to full swivel mode. The tailwheel steering arm should be attached to the rudder arm as shown:

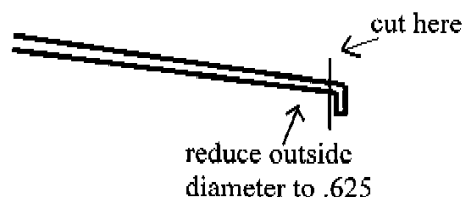


Applying full rudder and use of one brake will release the locking pin in the tailwheel. This will also disengage when pushing the airplane backwards. The locking pin is re-engaged by taxiing the airplane straight ahead with the rudder in the neutral position. This can also be accomplished by moving the rudder until you feel the pin re-engaging. The tailwheel must be less than 30 degrees from the trail position for this to occur.

It is important to select the proper main spring attach size to provide the proper energy absorption on landing. Too stiff of a spring or number of leaves will result in a too high load in the aft fuselage for the tailwheel assembly. Too soft of a spring will allow an excessive deflection which may damage lower rudder. Other aircraft with similar tail weight and spring combination would be a good guide. It is important that the vertical shaft of the tailwheel on which it rotates be in as close to vertical position as possible. This will result in much better ground handling.

Three most common tailspring sizes are 1 1/4 inch flat, 1 1/2 inch flat, and 5/8 round. For the 1 1/4 spring, we will supply an adapter to reduce it from 1 1/2 inch.

Our 5/8 in round spring for RV aircraft can be adapted to the original spring as shown:



FROM : AVIATION PRODUCTS, INC.

PHONE NO. : 805 646 6042

F02

4 INCH DIA. LIGHTWEIGHT TAILWHEEL ASSEMBLIES FOR HOMEBUILTS

FULL SWIVEL AND STEERABLE

Locks in steerable mode when aircraft is moved forward. Releases to full swivel when pushed sideways or backwards, or when maneuvering on the ground using brakes. Tire is solid rubber, with sealed ball bearings.

Part No. 6101

Standard - 45 Degree Angle
for 1-1/4" or 1-1/2" Flat Spring

Part No. 6103

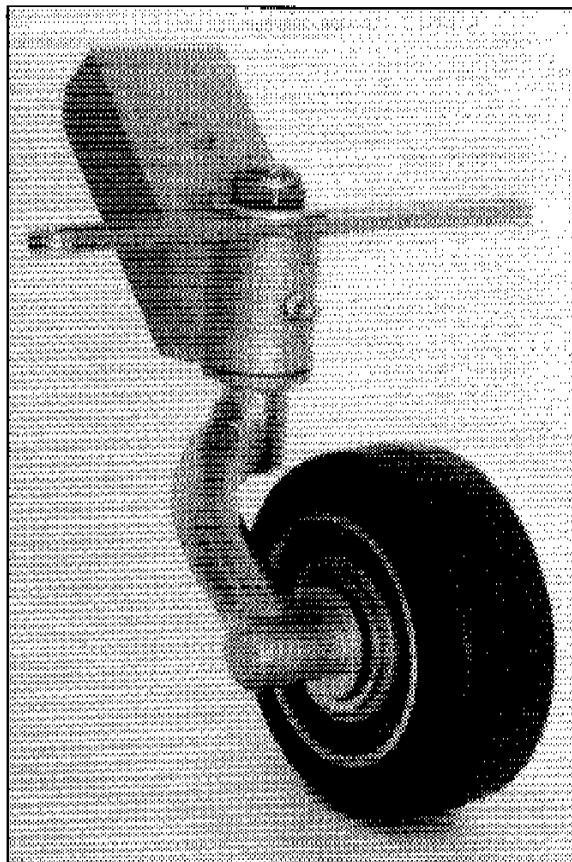
Optional - 20 Degree Angle
for 1-1/4" or 1-1/2" Flat Spring

Part No. 6104

20 Degree Angle
for 5/8" Round Spring

Part No. 6105

10 Degree Angle
for 5/8" Round Spring



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6101

WEIGHT 2 LBS. 12.5 OZ.**\$169.50**

Replacement tire, wheel, and bearings Part. No. 6108 \$25.50

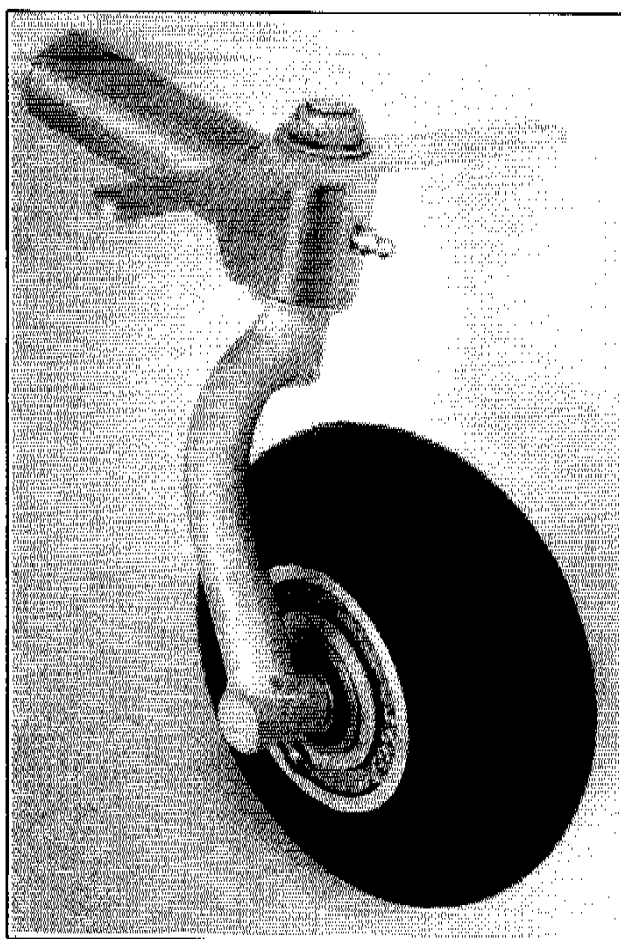
FROM : AVIATION PRODUCTS, INC.

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P03

6 INCH DIAMETER TAILWHEEL ASSEMBLIES FOR HOMEBUILTS

FULL SWIVEL AND STEERABLE



6120

Locks in steerable mode when aircraft is moved forward. Releases to full swivel when pushed sideways or backwards, or when maneuvering on the ground using brakes. Tire is solid soft rubber, with sealed ball bearings.

Part No. 6116

Standard - 45 Degree Angle
for 1-1/4" or 1-1/2" Flat Spring

Part No. 6118

Optional - 20 Degree Angle
for 1-1/4" or 1-1/2" Flat Spring

Part No. 6119

20 Degree Angle
for 5/8" Round Spring

Part No. 6120

10 Degree Angle
for 5/8" Round Spring

\$169.50

WEIGHT 5 POUNDS

Replacement tire, wheel, and bearings Part. No. 6123 \$29.95

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P04

HEAVY DUTY 4 INCH DIAMETER DOUBLE FORK ASSEMBLIES FOR HOMEBUILTS FULL SWIVEL AND STEERABLE

Locks in steerable mode when aircraft is moved forward. Releases to full swivel when pushed sideways or backwards, or when maneuvering on the ground using brakes. Tire is solid rubber, with sealed ball bearings.

Part No. 6124

Standard - 45 Degree Angle
for 1-1/4" or 1-1/2" Flat Spring

Part No. 6126

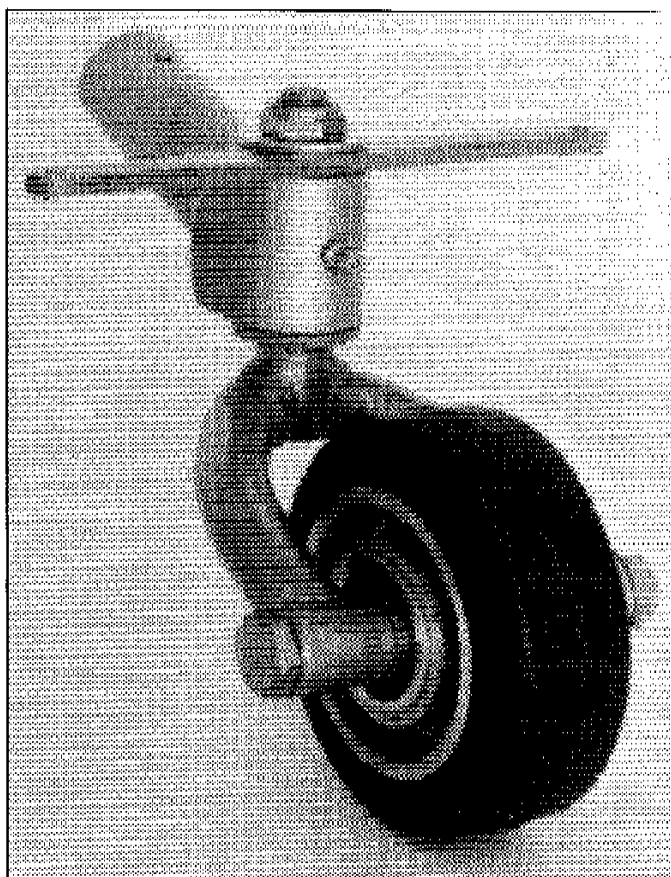
Optional - 20 Degree Angle
for 1-1/4" or 1-1/2" Flat Spring

Part No. 6127

20 Degree Angle
for 5/8" Round Spring

Part No. 6128

10 Degree Angle
for 5/8" Round Spring



MADE IN U.S.A. BY AVIATION PRODUCTS INC

6127

\$189.50

WEIGHT 2 POUNDS 12.5 OZ

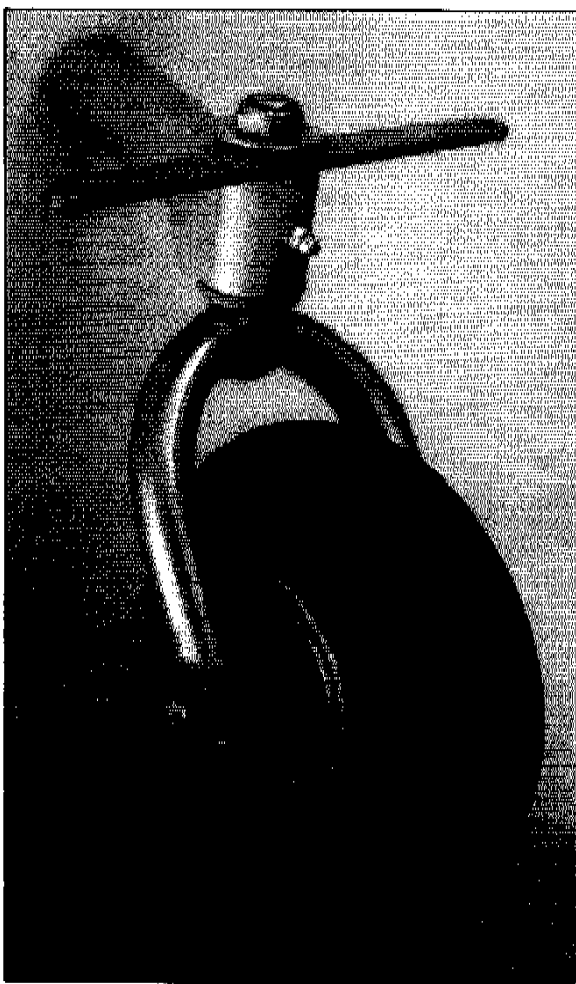
Replacement tire, wheel, and bearings Part No. 6130 \$25.50

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P05

HEAVY DUTY 6 INCH DIAMETER DOUBLE FORK ASSEMBLIES FOR HOMEBUILTS FULL SWIVEL AND STEERABLE



6135

Locks in steerable mode when aircraft is moved forward. Releases to full swivel when pushed sideways or backwards, or when maneuvering on the ground using brakes. Tire is solid soft rubber, with sealed ball bearings.

Part No. 6131

Standard - 45 Degree Angle
for 1-1/4" or 1-1/2" Flat Spring

Part No. 6133

Optional - 20 Degree Angle
for 1-1/4" or 1-1/2" Flat Spring

Part No. 6134

20 Degree Angle
for 5/8" Round Spring

Part No. 6135

10 Degree Angle
for 5/8" Round Spring

\$189.50

WEIGHT 6 POUNDS

Replacement tire, wheel, and bearings Part No. 6138 \$29.50

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FROM : AVIATION PRODUCTS, INC.

PHONE NO. : 805 646 6042

P06

Aviation Products, Inc.

**114 Bryant
Ojai, CA 93023**

Phone/Fax (805)646-6042

ORDERING INFORMATION

AVIATION PRODUCTS, INC. manufactures many of the items listed in this catalog. This enables us to give better and faster service to our customers. We maintain a stock of all items shown in our catalog, and are generally able to ship as soon as an order is received.

OUR POLICY:

Unconditional money back guarantee. If not satisfied, return unused merchandise within 30 days and your money will be promptly refunded.

We ship only the items listed in this catalog and only in quantity or sizes shown. Retail sales only, no quantity or trade discount.

ORDERING:

Phone, FAX, or mail order, anytime.

Personal or Company checks, money orders, Visa or Mastercard accepted.

Shipments within California add 7.25% sales tax.

Please use street, airport, or rural route address if possible, as Post Office Box delivery is slower.

Advance payment is required on all foreign orders.

SHIPPING:

Shipping charges are at actual surface or air rates.

CERTIFICATION:

All items sold are intended for the experimental builder and mechanic. Any use on certified aircraft must be determined by a licensed mechanic at time of installation as defined in the Federal Air Regulations.