

SERVICE



LETTER

Service Letter No. 278A

February 28, 1957

TO: All Distributors, Dealers, Owners and Operators

SUBJECT: Landing Gear Drag Link Assemblies

MODELS AFFECTED: PA-23 - Serial Numbers 23-1 to 23-526 inclusive

This letter supersedes Letter No. 278 dated May 10, 1956 and the only change is a correction to the airplane serial data appearing in Paragraph 2. This serial data is changed from "...."(except the main gear drag links on airplanes 23-512 and 23-526)" to "(except the main gear drag links on airplanes 23-512 and up)".

New drag link assemblies for the nose and main landing gears have been designed to incorporate an improved down lock latch. This latch consists of machined steel plates which are riveted together to form an extremely accurate dimensional unit which offers a smoother acting lock.

The component parts (see below) for the old style drag link assemblies are no longer available from the factory and as soon as existing field stocks have been depleted, it will be necessary to replace the three (3) drag link assemblies on airplanes Serial Numbers 23-1 to 23-526 inclusive (except the main gear drag links on airplanes 23-512 and up) to the new style assemblies. These new drag link assemblies are being offered at a special price of \$75.00 per set (three (3) complete drag links to a set) to our customers who find it necessary to make this change. In order to obtain this special price it will be necessary to buy the new assemblies at the regular price and request the return of the old drag link assemblies for credit using the regular Warranty and Credit Claim form. This claim should list the part numbers of the old style assemblies as shown in paragraph four of this letter.

Limited quantities of the new assemblies will not be available until after August 10, 1956; however, emergency orders will be taken care of immediately. The following listing indicates the part numbers of the new drag link assemblies:

<u>PART</u> <u>NUMBER</u>	<u>NUMBER REQ'D</u> <u>PER AIRPLANE</u>	<u>NOMENCLATURE</u>
19060-00	1	Link Assembly - Nose gear drag (complete)
19059-00	2	Link Assembly - Main gear drag (complete)

The following listing indicates the part numbers of the old style drag link assemblies. SPECIAL NOTE: These parts are not interchangeable with the new style drag link component parts.

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<u>Figure & Index No.</u>	<u>Part Number</u>	<u>Number Required</u>	<u>Nomenclature</u>
19-36	17579-00	1	Link Assembly - Nose gear lower drag
-39	17642-00	1	Link Assembly - Nose gear upper drag
-44	17527-05	1	Latch Assembly - Nose gear lock
20-35	17520-00	2	Link Assembly - Landing Gear upper drag (Main Gear)
-37	17519-00	2	Link Assembly - Landing Gear lower drag (Main Gear)
-44	17527-00	2	Latch Assembly - Landing Gear down lock (Main Gear)

The following listing indicates the part numbers and the affected airplane serial numbers for the new drag link assemblies:

<u>Figure & Index No.</u>	<u>Part Number</u>	<u>Number Req'd.</u>	<u>Code</u>	<u>Nomenclature</u>	<u>Airplane Serial No.</u>
	19060-00	1		Link Assy - Nose gear drag (complete)	
19-36	19046-00	1	A	Link Assy - Nose gear lower drag	23-527 & up
-39	19045-00	1	A	Link Assy - Nose gear upper drag	23-527 & up
-41	460 690	1		Fitting - Lubricator AN944-201A	
-42	460 691	1		Fitting - Lubricator AN944-101	
-44	19033-00	1	A	Latch Assy - Nose gear down lock	23-527 & up
	19059-00	2		Link Assy - Main gear drag (complete)	
20-35	19043-00	1	A	Link Assy - Main gear upper drag	23-512, 23-526 23-527 & up
-37	19044-00	1	A	Link Assy - Main gear lower drag	23-512, 23-526 23-527 & up
-44	19021-00	1	A	Latch Assy - Main gear down lock	23-512, 23-526 23-527 & up

A - This part is also applicable on earlier model aircraft when the welded landing gear down lock latch assembly has been changed to the one consisting of machine steel plates which are riveted together.

New pages for your Apache Parts Catalog are in process and will be submitted in the near future. It is suggested that you correct your parts catalog pending receipt of the new pages.

Very truly yours,

PIPER AIRCRAFT CORPORATION


Robert Martin
Parts Manager

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