

SERVICE KIT NO. SK-130

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DATE: June 13, 1974

TITLE: Throttle Cable Clamp Modification

SERIALS AFFECTED: AA1-0348, AA1-0433 thru AA1-0459, AA1A-0001 thru AA1A-0470,  
AA1B-0001 thru AA1B-0514  
AA5-0001 thru AA5-0714

WEIGHT AND BALANCE CHANGE: NEGLIGIBLE

<u>PARTS LIST - SK-130-1</u> (Model AA-1, AA-1A & AA-1B Aircraft)	<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
	1	501112-7	Retainer
	1	501112-8	Clamp
	1	501112-11	Retainer
	4	AN526-632-R7	Screw
	4	MS20365-632C	Nut

<u>PARTS LIST - SK-130-2</u> (Model AA-5 Aircraft)	<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
	1	501112-7	Retainer
	1	501112-8	Clamp
	1	501112-9	Retainer
	1	501112-11	Retainer
	4	AN526-632-R7	Screw
	4	MS20365-632C	Nut

DESCRIPTION OF MODIFICATION

This Kit provides the instructions to inspect the throttle cable housing for wear at the housing support in the engine compartment and supplies the material required to modify the existing support to firmly clamp the throttle cable housing.

INSPECTION AND MODIFICATION INSTRUCTIONS

1. Gain access to the throttle cable housing support by removing the lower cowl.
2. Remove the discard the existing screws, nuts, and retainers that attach the throttle cable housing to the housing support (see Figure 1).

## NOTE

ON THE AFFECTED MODEL AA-5 AIRCRAFT, THE MIXTURE CONTROL WIRE MUST BE DETACHED FROM THE CARBURETOR TO REMOVE THE 501112-6 RETAINER. STRAIGHTEN MIXTURE CONTROL WIRE ONLY ENOUGH TO REMOVE IT FROM THE BOLT AND TRANSFER MIXTURE CONTROL CABLE BUSHING FROM THE 501112-6 RETAINER TO THE 501112-9 RETAINER.

3. Inspect the throttle cable housing for wear in the support area. If the throttle cable housing is worn through at any area on the locking groove, the throttle cable must be replaced. If replacement is required, see Figure 1 for throttle control part numbers.

**N O T E**

IF THE THROTTLE CONTROL IS REPLACED, THE APPLICABLE SERVICE MANUAL SHOULD BE CONSULTED, CONCERNING REMOVAL AND INSTALLATION.

4. Install the modified retainers and clamp as indicated in Figure 1. On the affected Model AA-5 aircraft, reconnect the mixture control wire to the carburetor and rig per the applicable Service Manual.
5. Check throttle and mixture controls for proper travel, security, operating condition and control cushion.
6. Install the lower cowl.

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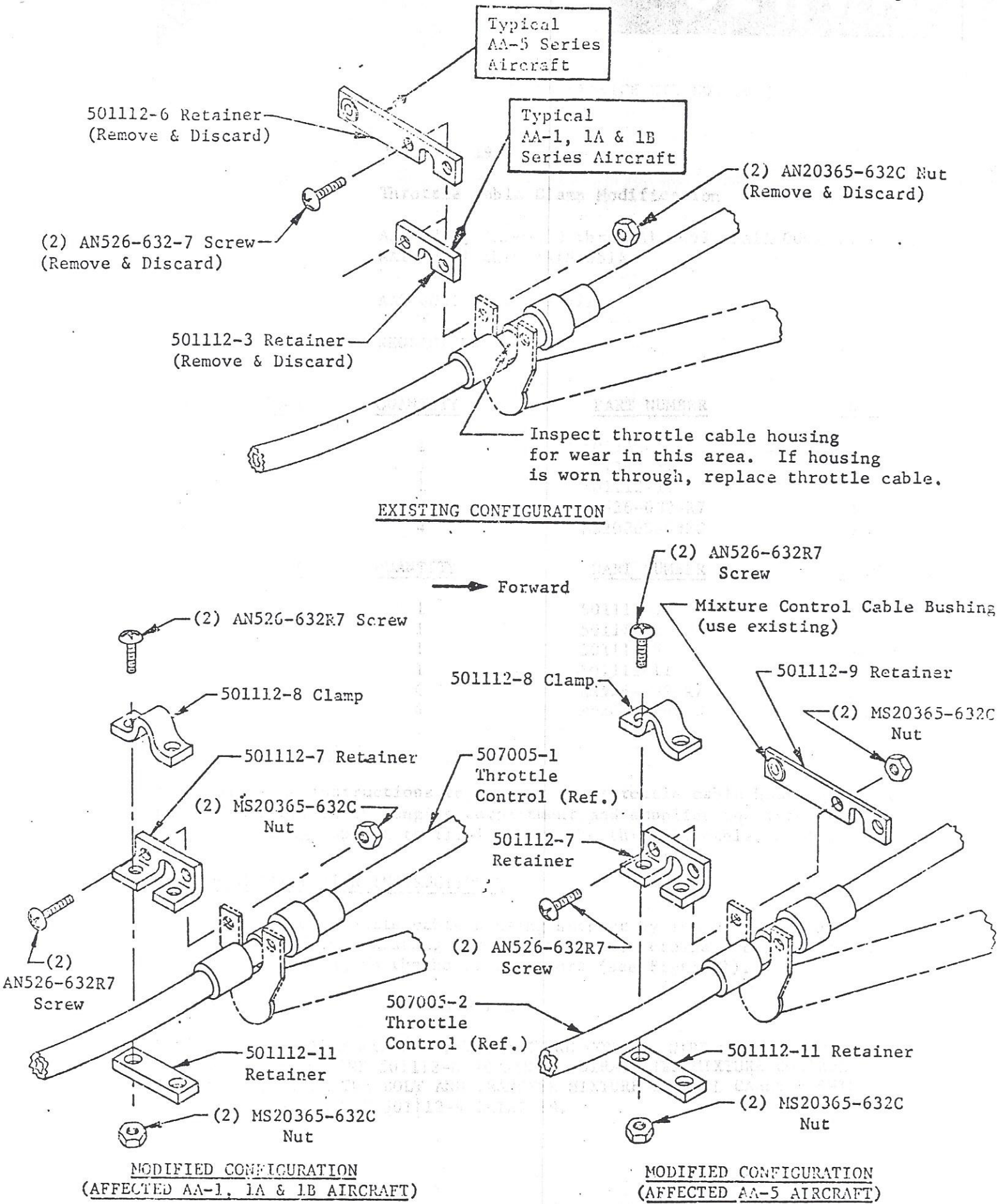


Figure 1. Throttle Cable Clamp Modification

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