



April 3, 2009

TO: All Owners/Operators of Bell 212 Helicopters

SUBJECT: REVISION "A" TO TECHNICAL BULLETIN 212-99-181:

**FUEL PUMP LARGER DIAMETER DRAIN LINES,
INTRODUCTION OF**

Revision "A" to this bulletin corrects a typing error on figure 1 of the bulletin. Tube P/N 212-062-026-101 should be on the L/H side and tube 212-062-027-101 should be on the R/H side.

TECHNICAL BULLETIN

Bell Helicopter

A Textron Company

No. 212-99-181

Date 12-23-99

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DATE April 3, 2009

REV A

MODEL AFFECTED: 212

SUBJECT: FUEL PUMP LARGER DIAMETER DRAIN LINES,
INTRODUCTION OF

HELICOPTERS AFFECTED: Model 212 helicopters serial number 30503
through 31311 and 35001 through 35102.

[Model 212 helicopters serial number 35103 through
subsequent will have the intent of this bulletin
accomplished prior to delivery.]

COMPLIANCE: Upon replacement of P&WC Fuel Pump with a
unit modified per P&WC Service Bulletin 5397.

DESCRIPTION:

P&WC Service Bulletin 5397 incorporates a larger diameter drain line port on the engine fuel pump. This bulletin outlines the part numbers and procedure to be used to modify the airframe accordingly by introducing larger diameter drain lines.

APPROVAL:

The engineering design aspects of this bulletin are FAA/DER approved.

MANPOWER:

Approximately 1.5 man-hours are required to accomplish this bulletin. Man-hours are based on hands-on time and may vary with personnel and facilities available.

WARRANTY:

There is no warranty credit applicable for parts or labor associated with this bulletin.

MATERIALS:

Required Material:

The following material is required for the accomplishment of this bulletin and may be obtained through your Bell Helicopter Textron Supply Center.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Quantity</u>	<u>Effectivity</u>
212-062-026-101	Tube assembly	1	A
212-062-027-101	Tube assembly	1	A
AN919-10D	Reducer	2	A
M83248/1-908	Packing	2	A
212-062-024-101	Tube assembly	1	B
212-062-025-101	Tube assembly	1	B
AN919-10D	Reducer	1	B
AN815-4D	Union	1	B
M83248/1-908	Packing	1	B
M83248/1-904	Packing	1	B
AN919-2D	Reducer	2	A&B
MS29512-03	Packing	2	A&B
MS21919WDG4	Clamp	2	A&B

Effectivity A: S/N 30503 through 31311 and 35001 through 35042.

Effectivity B: S/N 35043 through 35102.

SPECIAL TOOLS:

None required

WEIGHT AND BALANCE:

Not affected

ELECTRICAL LOAD DATA:

Not affected

REFERENCES:

BHT 212 Maintenance Manual Chapter 71
BHT 212 Illustrated Parts Breakdown
PWC Service Bulletin 5397

PUBLICATIONS AFFECTED:

BHT 212 Illustrated Parts Breakdown

ACCOMPLISHMENT INSTRUCTIONS:

-NOTE-

The following instructions are to be accomplished concurrently with the replacement of the engine fuel pump(s). The cowlings are assumed to be already removed. Refer to figure 1 for aircraft effectivity A and figure 2 for effectivity B.

1. Remove corner access panel on aft wall of cabin to access the engine accessory gearbox.
2. Remove existing drain line by undoing clamp. Retain hardware for reinstallation.
3. Remove existing fitting and packing from tee or cross fitting at bottom end of drain line.
4. Install reducer P/N AN919-10D or union AN815-4D (as applicable) on tee/cross with packing P/N M83248/1-904 or -908 (as applicable).
5. Remove protective cap from fuel pump drain port and install reducer P/N AN919-2D and new packing P/N MS29512-03.
6. Install the new drain line and attach clamp P/N MS21919WDG4 at existing location.
7. Reinstall corner access panel.
8. Repeat for other power section (if required).
9. Make an entry in helicopter historical records indicating compliance with this Technical Bulletin.

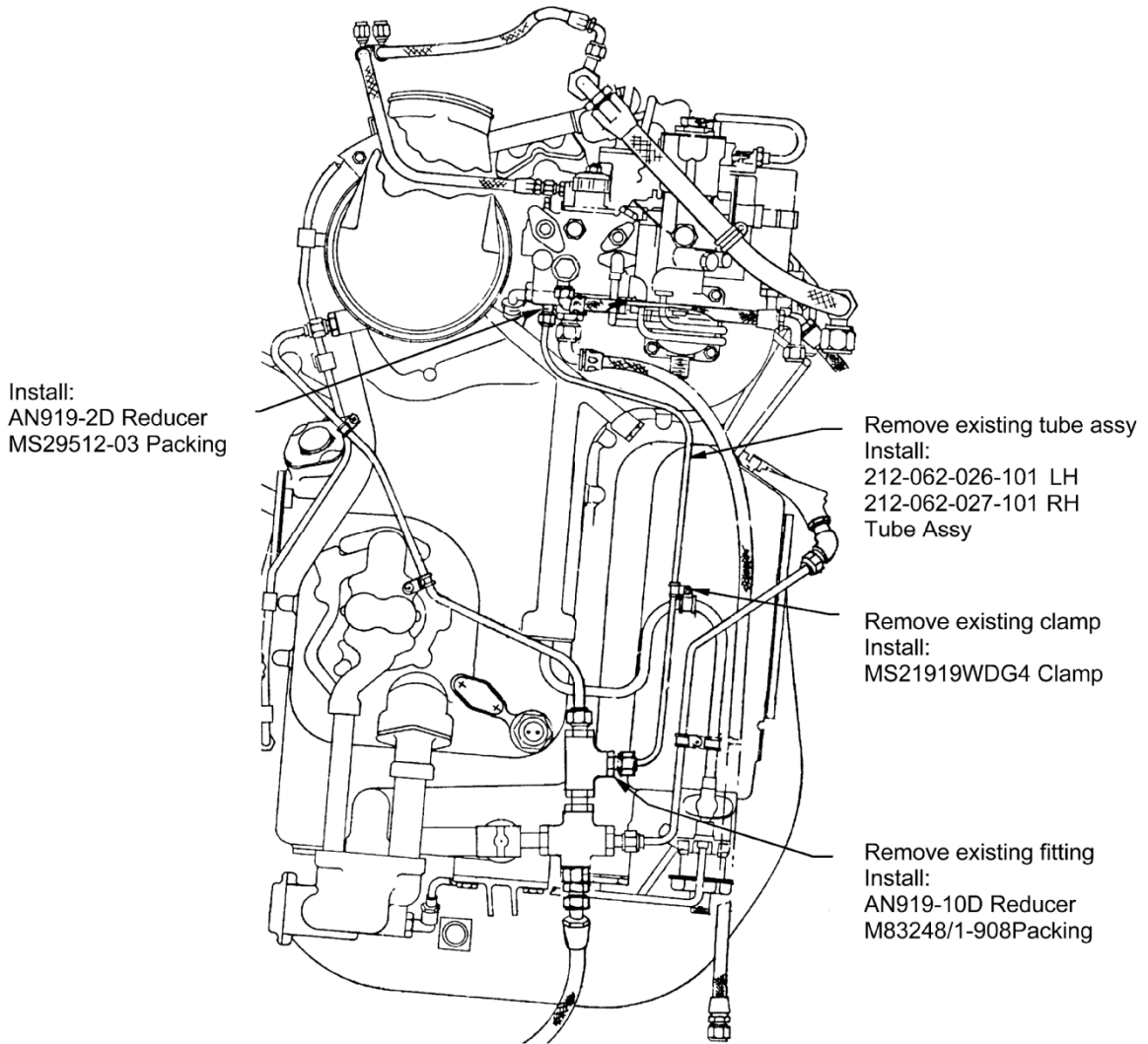


Figure 1

Looking aft at LH power section accessory gearbox

RH side typical

(Effectivity A)

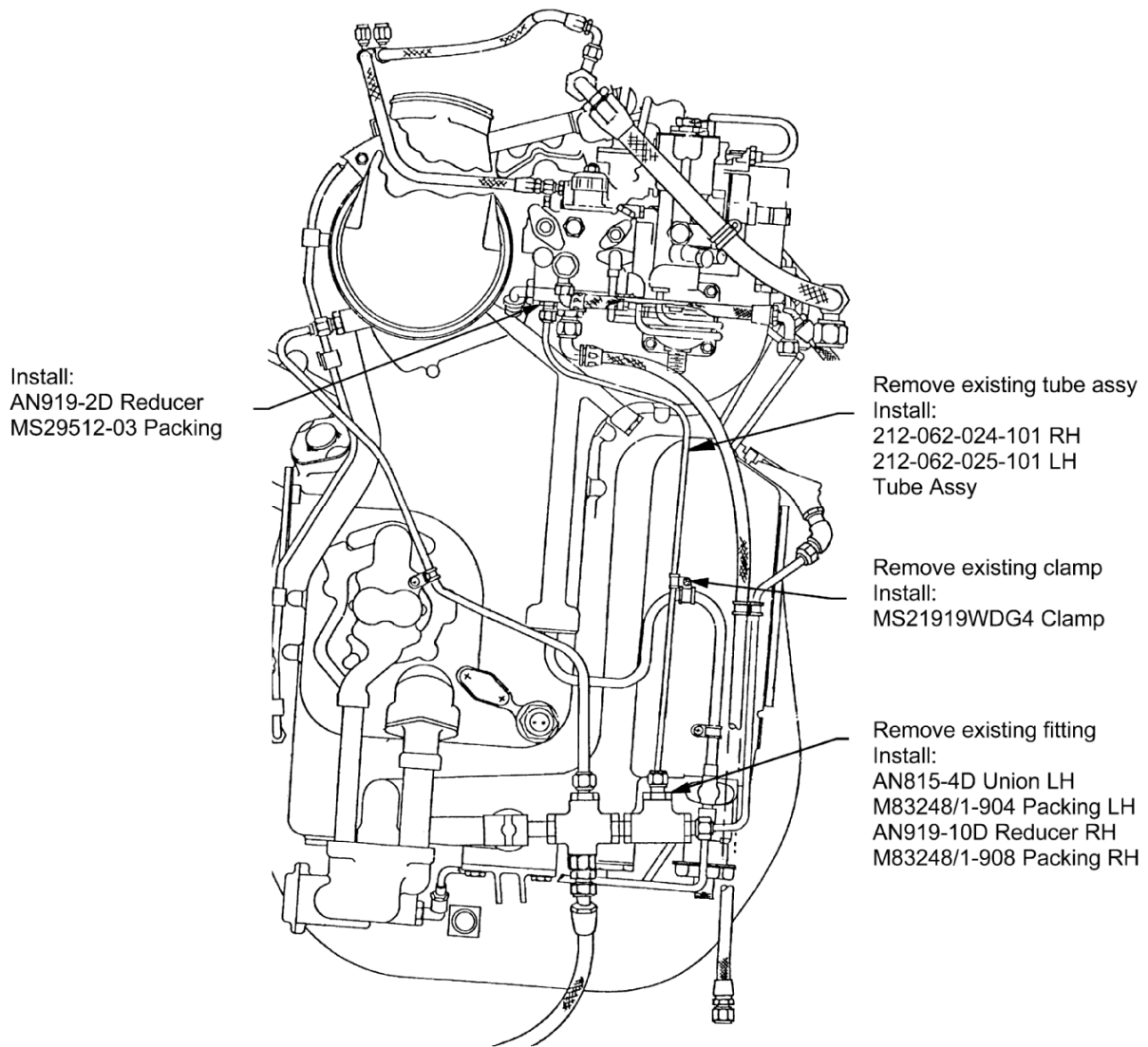


Figure 2

Looking aft at LH power section accessory gearbox

RH side typical

(Effectivity B)