

ATTACHMENT 12

MAINTENANCE GROUP CHAIRMAN'S FACTUAL REPORT

DCA-07-MA-310

Left Engine Fuel & Filter – Clean/Replace Work Card 7751, dated 3/16/2006

American Ai	Equipment System Workzone	MD80 73 71	Section 8 Pattern ON RUNUP CARD 0008.	Page Rev.	No. 7751 1 of 12 Date 03/16/2006 * 7 7 5 1 * (SIGN NAME/EMPL. #) INSP./ MECHANIC CREWCHIEF
MATERIALS					
CPN	Description		MPN	Qty/Unit	
5933314	Packing		69490D127	1	
5933313	Packing		69490D128	1	
5933109	Packing		69890-27	1	
5862098	Packing		MS29513-01	3 1	
5862000	Packing		MS29513-24	1 1	
5932184	Cartridge		6667621	1	
5824484	Packing		M83248/1- 011	3	
5845404	Packing		M83248-1- 908	3	
5694330	Packing		M83248-1- 904	3	
5790850	Packing	1- W.L	MS29561-11) 1	
5670940	Packing	1997	M83248-1- 910	1	
5694328	Packing		M83248-1- 906	1	
4080459	Packing		AS3578-016	1	

TOOLS & EQUIPMENT

PN	Description	MPN	Qty/Unit
/RE9160	Torque Wrench		1
671239	2-Gallon drain can		1
AU9308	Source of clean dry compressed air with gauge and regulator		1
996205	Petrolatum	VVP236	A/R
157162	Solvent, Crystal Clean 100, PD680		A/R
	Nozzle PWA 33682 (or equivalent)		
994075	Safety Wire, .020		A/R
)TE:	This card must still be entered on Pun Lin (

<u>NOTE:</u> This card must still be entered on Run Up Card 0008

					P	ard No. age	2 of 1	2
American Airlin	Equipment System Workzone	73	Skill Section Pattern	0 8	[,] R	ev. Date		5/2006 * 7 7 5 1 * ME/EMPL. #) INSP./
	eso					ME	CHANIC	CREWCHIEF
	e: required if engine is during this C check		HM, Program, c	or Check	and			
	e:		pplicable:					
-	r Filter Removal/Re							
WARNING	EXERCISE CAN IN ENGINE AR TO PERSONNE	EA WITH CC	WL DOORS OF					
CAUTION:	TO PREVENT S RODS ON EAC			se hold	D-OPEN			
WARNING	MAKE CERTAI ATTEMPTING I INADVERTENT OPERATION C PERSONNEL.	MAINTENAN ENGINE ST	CE PROCEDUI ART OR THRU	RES. ST REVI	ERSER			
A. Tag t breat		er lever, and	open and tag fo	ollowing a	circuit			
PANEL	SERVICE	· · · · · · · · · · · · · · · · · · ·	<u>.</u> ,	IDENT.	LOCATIC			
DC TRANSFER BUS	ENGINE START	PUMP			Lower EF			
DC TRANSFER BUS	ENGINE IGNITIO VALVE	N or ENGINE	START		Lower EF	°C		
AC BUS	CONT IGNITION	or ENGINE I	GNITION		Upper EF	<u>2</u>		
	e thrust reverser cor y pin.	ntrol valve in	dump position a	nd instal	1			
WARNING	DO NOT MOVE AND HYD OFF FIREX AGENT ACCIDENTALL POSITION.	POSITION. CONTAINER	INADVERTENT	DISCHA R IF HAN	RGE OF			
C. Pull f	ire control handle lo	cated on upp	er instrument p	anel.				
2. Main Fuel C	Control Filter Check							
<u>NOTE:</u>	Main filter group servo fuel filter.	includes fue	l control main fil	ter and				
A. Remo	ove filter (Ref. Figur	e 1).						

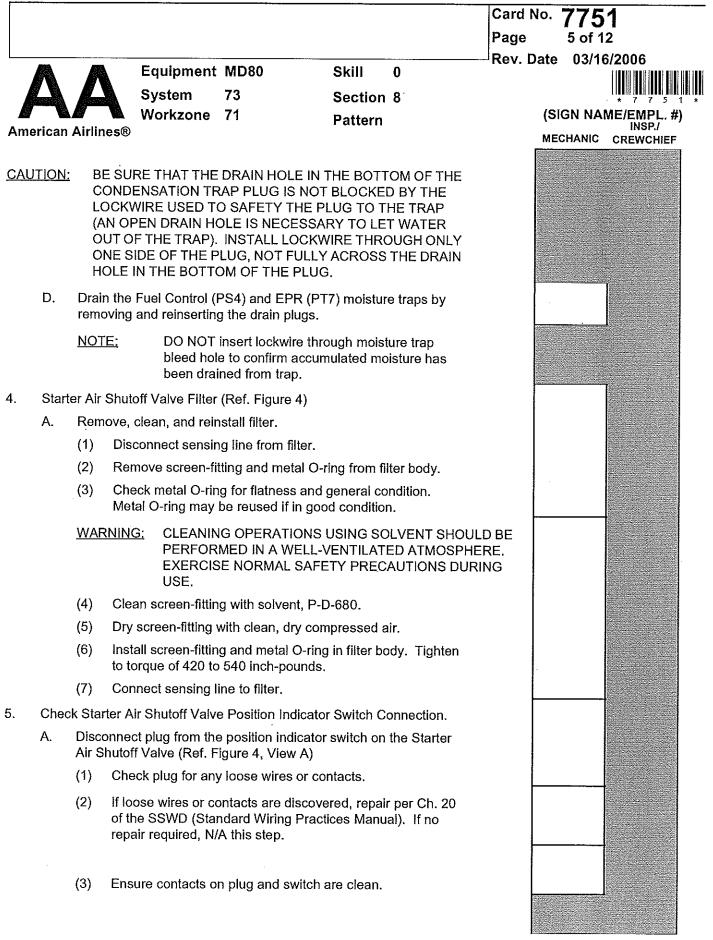
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			- Margina a			Card Page	No. 775 3 of	
		Equipmer		Skill	0	Rev. I	Date 03/1	16/2006
Λ		System	73					
		Workzone		Section	8		(SIGN NA	* 7 7 5 1 4 AME/EMPL.#)
mericar	n Airlir			Pattern			MECHANIC	INSP./
	(1)	Obtain suitable	container to cate	ch fuel from filt	er housing.			
	<u>CAL</u>	RINGS CARRI	REMOVING FIL ARE MISSING ED INTO FUEL GES RESULTIN	OR CUT. O-R CONTROL CC	ING FRAGI	VENTS		
	(2)	Remove capscr remove retainin	ew and washer : g rings.	securing filter r	etaining ring	js, then		
	(3)		ank bolt into bolt ller, remove filte		of valve cap	and,		
	(4)	Remove preform	ned packing from	n valve cap an	d filter.			
	(5)	Pull out filter, ins	spect and clean	filter.				
B,	Insta	all cleaned filter (R	Ref. Figure 1).					
	(1)	Lubricate new p	reformed packin install on valve	cap and filter				
	(2)	Insert cleaned fi and secure with pounds. Safety	flat washer and	capscrew. To			- -	
Maii	n Fuel	Pump filter Cartric	lge Replacemen	it and Delta Pr	essure Swite	ch Check		
Α.		ove filter cartridge						
	(1)	Pull fire handle d	out and install re	straining fixtur	e, P/N DTE1	1945.		
	(2)	Remove drain p O-ring.	lug from center i	ear of fuel brid	le. Discard			
	·	aj	e prepared to ca pproximate capa 4.16 Imperial ga	icity of 5 US ga	allons			
	(3)	Remove filter co drain from filter.	ver valve from v	alve body and	allow residu	ial fuel to		
	(4)	Remove filter co	ver, pull out filte	r cartridge and	discard.			
В.	Test	fuel filter different	ial pressure swit	ch (Ref. Figure	ə 3).			
	(1)	Prepare test equ nitrogen, pressu should have ±1 µ increments.	re regulator, and	0 to 25 psig pi	essure gage	e. Gage		
	(2)	Obtain fuel filter Connect to press seat at tip of noz	sure source test	line and lightly	lubricate ru			

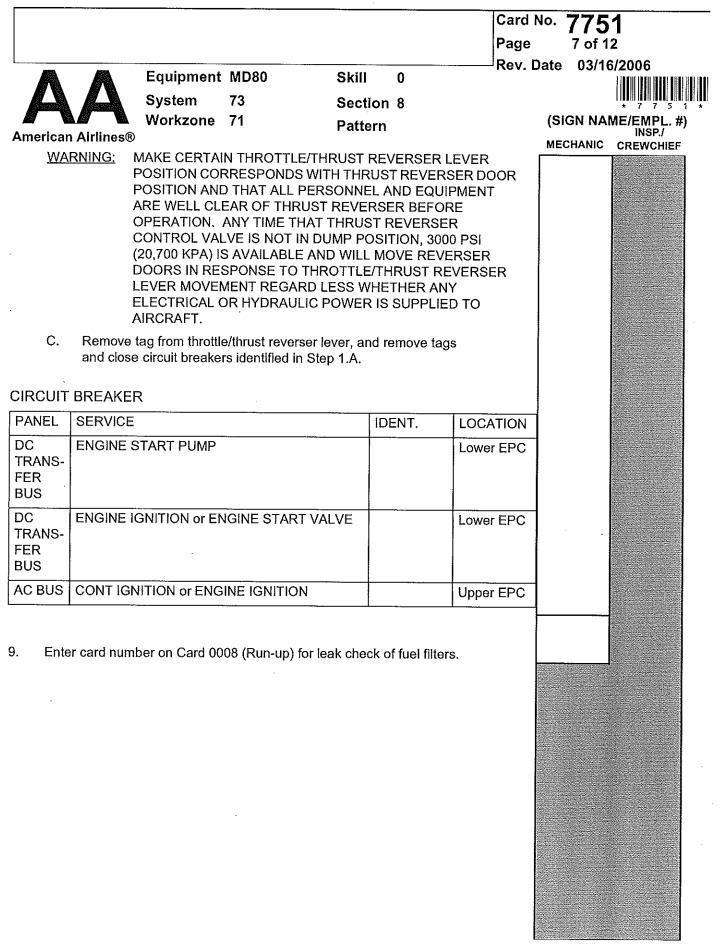
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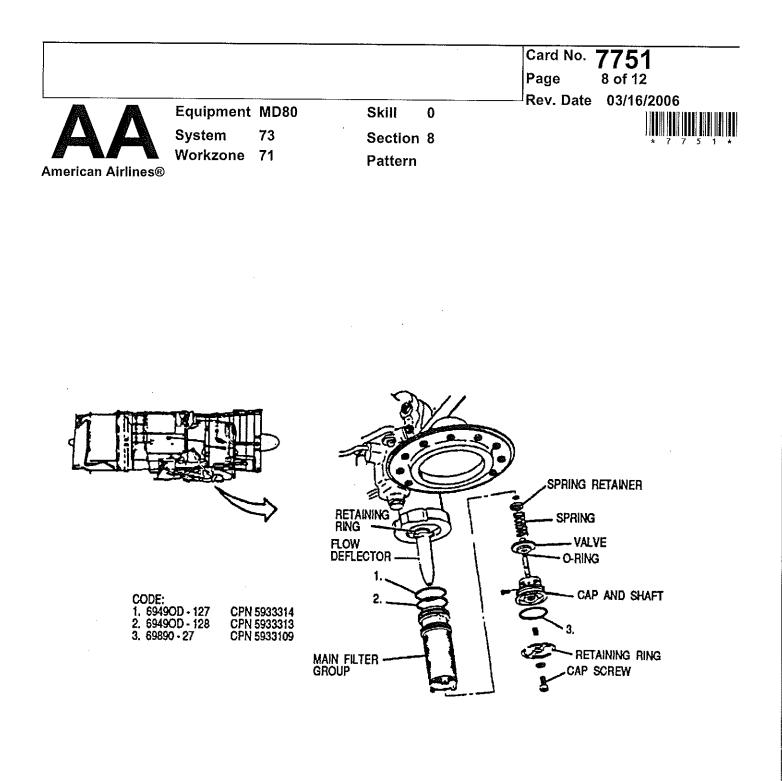
							Card I Page Rev. I		775 4 of 1	
A	A		Equipment	MD80	Skill	0	-Rev. L	Jate	03/1	
A			System	73	Section	8				
American	Airlin	es®	Workzone	71	Pattern			•		ME/EMPL. #) INSP./
	(3)	Inse in h		le filter housing, a ort for differential ace.				ME	CHANIC	CREWCHIEF
	CAU	TION	DO NOT	EXCEED 20 PSIC	GAGE PI	RESSURE.				
	(4)		ure FUEL FILT aker is closed.	FER PRESSURE	DROP CAL	JTION circuit				
	(5)	PRE	ESSURE DRO	sure through nozz P CAUTION LIGH comes on betwee	IT on engi	ne caution	ER			
	(6)	PRE		ne pressure and on P CAUTION LIGH			nd			
	(7)	Shu	t off air pressu	ire and remove no	ozzle from f	uel filter housing	g.			
C.	Instal	ll filte	r cartridge.							
	(1)	Lub	-	ing (CPN 5862000 cover.	0) with light	coat of petrolat	lum			
	(2)	inse		cartridge (CPN 59 using. Tighten co						
		<u>NO</u>	cov	equires approxima er assembly jam r cover inside the fi	nut to ensu	re proper seatin				
	(3)	insta	all on cover va	CPN 5862098) wit lve. Install cover I lock cotterpin.			IND			
	(4)	Safe	ety cover asse	mbly with lockwire).					
	(5)			ng with light coat drain plug in fuel l						
	(6)	Rem	iove fire handl	e restraining tool a	and push fi	re handle in.				

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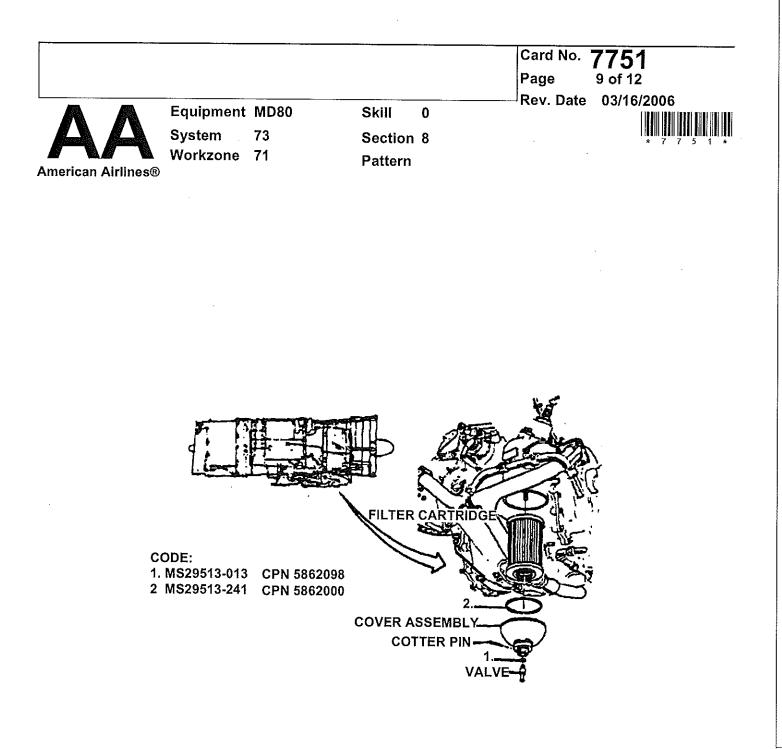


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	Λ	Λ			MD80		Skill	0				
			Syste Work		73 71		Section	8			(SIGN N	* 7 7 5 1 * IAME/EMPL. #)
Am	erican	Airlines					Pattern				MECHAN	INSP./
		(Wiring I	n contacts p Practices Ma step.							
	В.	Reconi	nect plug t	o the po	osition Indic	ator sw	/itch and s	afety wit	h lockwir	e.		
6.	Repl	lace banj	o fitting O	-rings.				·		ſ		
	A.	M8324 M8324	e 3 O-ring 8/1-011 8-1-908 8-1-904	CPN CPN	njo fitting at 5824484 5845404 5694330	Pac Pac	ort. :king :king :king					
	В.	M8324 M8324	e 3 O-ring 8/1-011 8-1-908 8-1-904	CPN CPN	njo fitting at 5824484 5845404 5694330	Pac Pac	ort. :king :king :king					
	C.	M8324 M8324	e 3 O-ring 8/1-011 8-1-908 8-1-904	CPN (CPN (njo fitting at 5824484 5845404 5694330	Pac Pac	ort :king :king :king					
	D.	Replac	e 3 O-ring	s on ba	njo fitting at	LD5 p	ort					
			61-110 8-1-910 8-1-906	CPN (5790850 5670940 5694328		king king king					
	E.	Add to	card 0008	for leal	check of b	anjo fit	tings on R	un-up.				
7.	Repla	ace pack	ing on fue	l/oil cod	ler:							
	A.	Replace (See Fi		CPN 4	080459, on	the aft	end of fue	il/oil cool	er.			
	В.	Add to	card 0008	for leak	check of fu	uel/oil c	ooler lines	i.				
8.	Rest	ore Engir	ne Control	s and C	ircuit Break	ers.						
	A.		e tools, eq nance area		t, loose har	dware,	spilled flu	id, and d	ebris fro	m		
	B.	Close fi	re control	handle,	located on	upper	instrumen	t panel.				

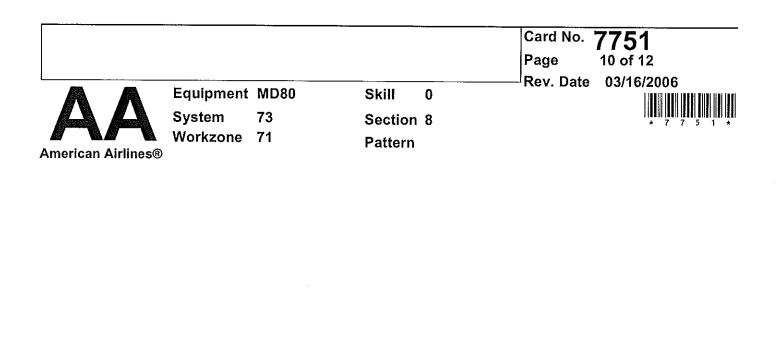


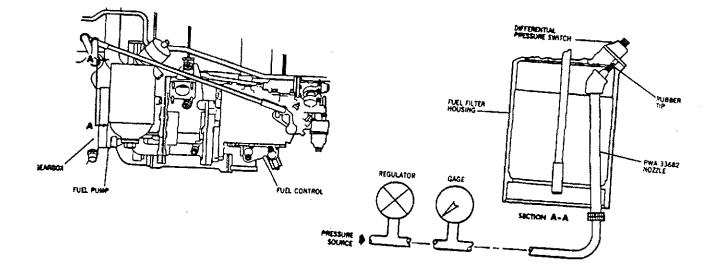


Main Fuel Control Filter - Removal/Installation Figure 1:



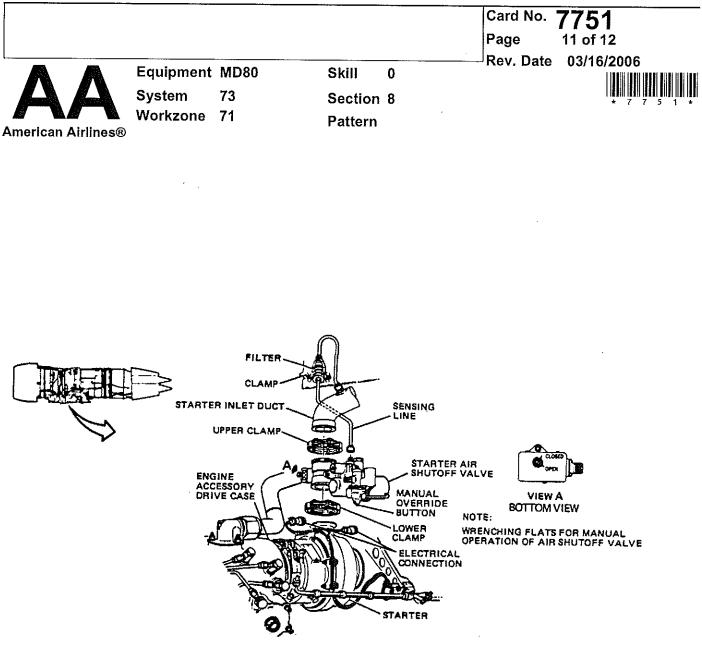
Fuel Pump Filter - Removal/Installation Figure 2:





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Fuel Filter Differential Pressure Switch - Check Figure 3:



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Starter Air Shutoff Valve - Installation Figure 4:

