



SERVICE LETTER ATR72

TITLE: ATR TOOL INSPECTIONS.

1. EFFECTIVITY

All ATR72 models

2. REASON

This Service Letter is published to inform all ATR72 customers of the various types of inspections which must be performed on ATR tools. Vendor tools are not covered in this document. Refer to individual Vendor recommendations for inspection requirements.

3. DESCRIPTION

Four types of inspections are recommended. Detailed descriptions of these inspections are given hereafter.

A. VISUAL CHECK (VC)

A Visual Check shall be performed following the use of the tool, prior to its return to storage.

This inspection shall be performed by someone familiar with the tool, in order to properly detect damage or missing parts.

B. ANNUAL VISUAL CHECK (AVC)

An Annual Visual Check consists of the same inspections as the Visual Check but shall be performed every year, even if the tool has not been used.

Since the scope of the AVC is identical to that of the VC, any VC performed within 12 months from the last AVC can be considered as a valid AVC for the next 12 months.

C. CALIBRATION (C)

Calibration is necessary for all tools used to perform measurement.
The minimum calibration interval is one year but may vary in accordance with local National Authorities Requirements.

Tools may be sent for calibration to:

ECA SINTERS 5, rue Paul Mesplé Parc Technologique de Basso Cambo BP 10611 France Phone : + 33 (0)5 62 11 17 17 Fax : + 33 (0) 5 62 11 17 89 E-mail : gse-support@sinters.fr	or	<u>For the US zone only</u> SINTERS Canada Inc 1370 de Coulomb, suite 100 Bourcheville – Québec CANADA –J4B 7 J4 Phone : +1 450 449 1698 Fax : +1 450 449 1568 E-mail : sinters.montreal@sinters.fr
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D. MASTER CHECK (MC)

A Master Check is necessary for large rigging tools.
The minimum master check interval is two years but may vary in accordance with local National Authorities Requirements.

Tools may be sent for a master check to:

ECA SINTERS 5, rue Paul Mesplé Parc Technologique de Basso Cambo BP 10611 France Phone : + 33 (0)5 62 11 17 17 Fax : + 33 (0) 5 62 11 17 89 E-mail : gse-support@sinters.fr	or	<u>For the US zone only</u> SINTERS Canada Inc 1370 de Coulomb, suite 100 Bourcheville – Québec CANADA –J4B 7 J4 Phone : +1 450 449 1698 Fax : +1 450 449 1568 E-mail : sinters.montreal@sinters.fr
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4. TOOL INSPECTION LIST

For a detailed list of inspection requirements for each tool, refer to the attached tables.

A. TOOLS NOT UNDER ATR RESPONSIBILITY

For all the tools which are not under ATR responsibility, refer to the relevant technical sheets.

B. The following table identifies ATR tools and their inspection requirements without making a difference between ATR72 specific tools and all the other tools. For any specific application refer to the ITEM for each tool.

Nevertheless this Service Letter is just for information until issuance of the next revision of the ITEM, in which all information provided here in will be incorporated.

NOTE 1: Tools 16S53605002000 and 98S27603000000 have an authorized release certificate EASA FORM 1 or FAA FORM8130-4 for US zone. For calibrations a new CMMm will be issued later.

PART NUMBER	DESIGNATION	VC	AVC	C	MC
16 S 536 0 5002 000	SERVICE DOOR CATCH LOCK TOOL	SEE NOTE 1			
96 S 102 0 3000 000	GROUND MOORING KIT	X			
96 S 102 0 3000 001	GROUND MOORING KIT	X			
96 S 102 0 3000 002	GROUND MOORING KIT	X			
97 A 280 0 2117 002	PURGING TOOL - FUEL TANK WATER DRAINS	X			
97 S 060 0 0003 000	SIGHTING STUDS	X			
97 S 060 0 0004 000	WING ANGLE ATTACK ON WING	X			
97 S 060 0 0005 000	THS ANGLE ATTACK	X			
97 S 060 0 0006 000	GRADUATED SIGHTING RODS	X			
97 S 060 0 0009 000	PLUMBING TRIPOD	X			
97 S 060 0 0015 000	WING SETTING TOOL RIB27 ATR42/72	X			
97 S 060 0 0016 000	SIGHTING ROD SET	X			
98 A 244 0 3000 000	CABLE HOLDING STRAP	X			
98 S 060 0 2510 000	INNER FLAP 0° POSITION JIG LH	X			X
98 S 060 0 2510 001	INNER FLAP 0° POSITION JIG RH	X			X
98 S 060 0 2511 000	OUTER FLAP 0° POSITION JIG LH	X			X
98 S 060 0 2511 001	OUTER FLAP 0° POSITION JIG RH	X			X
98 S 060 0 2512 002	RIGGING TOOLING - AILERON AT RIB27 ATR42 LH	X			X
98 S 060 0 2512 003	RIGGING TOOLING - AILERON AT RIB27 ATR42 RH	X			X
98 S 060 0 3000 000	THEODOLITE WING SUPPORT ASSEMBLY ATR42	X	X		

PART NUMBER	DESIGNATION	VC	AVC	C	MC
98 S 060 0 3000 001	THEODOLITE WING SUPPORT ASSEMBLY ATR42/72	X	X		
98 S 060 0 8016 000	WHELL TOE-IN LINE BAR	X			
98 S 070 0 0005 000	JACK PT PLUG SCREW DRIVER	X			
98 S 070 0 3000 000	AFT FUS/WING JACK ADAPTER ATR42	X	X		
98 S 070 0 3000 001	AFT FUS/WING JACK ADAPTER ATR42/72	X	X		
98 S 070 0 8010 000	FWD FUSELAGE JACK ADAPTER	X	X		
98 S 090 0 8019 000	TOW-BAR	X			
98 S 100 0 0016 011	MLG STOP BLOCK	X			
98 S 100 0 5000 000	MLG STOP BLOCK	X			
98 S 100 0 8000 000	GROUND MOORING KIT	X			
98 S 102 0 5000 000	GROUND MOORING KIT	X			
98 S 120 0 3000 000	WATER DRAIN PURGING TOOL	X			
98 S 120 0 5000 000	TENSION BOLT REMOVAL TOOL	X			
98 S 210 0 3000 200	ELECTROPNEUMATIC OUT FLOW VALVE CAP	X			
98 S 240 0 5000 000	SUITCASE OF ELECTRICAL SUPPORT	X			
98 S 249 0 5000 000	SUITCASE OF BONDING JUMPER	X			
98 S 250 0 0001 000	BALL PIN EXTRACTOR	X			
98 S 252 0 5000 000	TOOL FOR SEAL PLACEMENT	X			
98 S 257 0 5001 000	WINDSHIELD FLEXIBLE SUN-GUARD	X			
98 S 257 0 5001 001	WINDSHIELD FLEXIBLE SUN-GUARD	X			
98 S 257 0 5002 000	WINDSHIELD FLEXIBLE SUN-GUARD	X			
98 S 257 0 5002 001	WINDSHIELD FLEXIBLE SUN-GUARD	X			
98 S 260 0 3001 000	BLANKING-CAP DIFFUSEUR	X			
98 S 260 0 5000 000	FWD CLASS "C" CARGO COMPARTMENT AIR PROOF MEASUREMENT TOOL	X		X	
98 S 270 0 2551 000	FLAP JACK SAFETY COLLAR	X			
98 S 270 0 2553 000	SPOILER JACK SAFETY COLLAR	X			
98 S 270 0 2553 001	SPOILER JACK SAFETY COLLAR	X			
98 S 270 0 3001 000	GUARD SAFETY FLAP CONTROL LEVER ATR42	X			
98 S 270 0 3002 000	TRIM ACTUATOR MANUAL DRIVER ADAPTER	X			
98 S 270 0 3003 000	PITCH CHAN - SEPARATION LOAD MEASUREMENT	X		X	
98 S 270 0 3004 000	ANGLE MEASUREMENT CHEST (ELECTRONIC)	X		X	
98 S 270 0 3004 001	ANGLE MEASUREMENT CHEST (ELECTRONIC)	X		X	
98 S 270 0 3010 000	SAFETY CLAMP - WING FLAP CONTROL HANDLE ATR72	X			
98 S 270 0 3011 000	SAFETY TOOL - WING FLAP ACTUATOR ATR72	X			
98 S 270 0 5001 000	INCLINOMETER DIGITAL ASSY DP-60	X		X	
98 S 270 0 5001 002	INCLINOMETER DIGITAL ASSY PRO-3600	X		X	
98 S 270 0 5002 002	PORTABLE SYNCHRO READER	X		X	
98 S 270 0 5003 000	WING FLAP CONTROL BOX	X		X	

PART NUMBER	DESIGNATION	VC	AVC	C	MC
98 S 270 0 5005 000	RESET TOOL "PITCH UNCOUPLING MECHANISM" Modification No. 03529 or SB ATR72-27-1028 embodied	X			
98 S 270 0 5006 000	"PITCH UNCOUPLING" RESET LEVER BLOCKING SET	X			
98 S 270 0 5008 000	FLAP JACK SAFETY COLLAR (Pre Modification No. 04335)	X			
98 S 270 0 5010 000	ELEVATOR / TAB ZERO DEGREE POSITION JIG	X			X
98 S 270 0 5010 001	ELEVATOR / TAB ZERO DEGREE POSITION JIG	X			X
98 S 270 0 5011 000	RUDDER CHECKING JIG (ALU/CARBONE VERTICAL STABILIZER)	X			X
98 S 270 0 5014 000	FLAP JACK SAFETY COLLAR (Post Modification No. 04335)	X			
98 S 270 0 5015 000	PITCH UNCOUPLING MECHANISM MEASUREMENT TOOL	X			
98 S 270 0 8001 001	FILGHT CONTROL ENGINE PINS SET	X	X		
98 S 270 0 8009 004	ELEVATOR/TAB ZERO DEGREE POSITION JIG ATR42 LH	X			X
98 S 270 0 8009 005	ELEVATOR/TAB ZERO DEGREE POSITION JIG ATR42 RH	X			X
98 S 270 0 8009 006	ELEVATOR/TAB ZERO DEGREE POSITION JIG ATR42/72 LH	X			X
98 S 270 0 8009 007	ELEVATOR/TAB ZERO DEGREE POSITION JIG ATR42/72 RH	X			X
98 S 270 0 8231 000	PITCH UNCOUPLING RESET TOOL	X			
98 S 270 0 8501 002	RUDDER SPRING TAB JIG	X			X
98 S 270 0 8501 003	RUDDER SPRING TAB JIG (ALUMINIUM VERTICAL STABILIZER)	X			X
98 S 271 0 5000 000	TRIM TAB SUPPORT DRILLING TOOL	X			
98 S 271 0 5001 000	TRIM TAB SUPPORT LOCATION TOOL ATR42	X			
98 S 271 0 5001 002	TRIM TAB SUPPORT LOCATION TOOL ATR72	X			
98 S 271 0 5002 000	AILERON BLOCK TOOL - COKPIT - A/C ON GROUND	X			
98 S 271 0 5005 000	ANTI ROTATION KEY ATR42	X			
98 S 271 0 5005 002	ANTI ROTATION KEY ATR72	X			
98 S 271 0 5006 000	SPRING TAB AILERON CHEKING JIG LH ATR72	X			X
98 S 271 0 5006 001	SPRING TAB AILERON CHEKING JIG RH ATR72	X			X
98 S 272 0 3000 100	INCLINOMETER SUPPORT TAB RUDDER SFENA	X	X		
98 S 272 0 3000 101	INCLINOMETER SUPPORT RUDDER SFENA	X	X		
98 S 272 0 3000 104	INCLINOMETER SUPPORT TAB RUDDER SFENA ATR42	X	X		
98 S 272 0 3000 105	INCLINOMETER SUPPORT TAB RUDDER SENSOREX ATR42	X	X		
98 S 272 0 3000 106	INCLINOMETER SUPPORT RUDDER ATR42/72-TAB RUDDER ATR72 SFENA	X	X		
98 S 272 0 3000 107	INCLINOMETER SUPPORT RUDDER ATR42/72-TAB RUDDER ATR72 SENSOREX	X	X		
98 S 273 0 3000 000	STICK PUSHER BOX TEST	X		X	
98 S 273 0 5001 000	STICK PUSHER BOX TEST	X		X	

PART NUMBER	DESIGNATION	VC	AVC	C	MC
98 S 273 0 5005 000	ELEVATOR LEVER DRILLING TOOL	X			
98 S 273 0 5007 000	HANDLE FOR MECANISM P.F.H.	X			
98 S 273 0 5010 000	PUM DRILLING / ADJUSTMENT TOOL	X	X		
98 S 275 0 5000 000	ADAPTATION BUNDLE FOR SYNCHRO TRANSMITTER 16 CV	X			
98 S 275 0 5001 000	FLAP ACTUATOR DRAIN TOOL	X		X	
98 S 276 0 3000 000	DUMMY SPOILER VALVE BLOCK	SEE NOTE 1			
98 S 280 0 0003 000	RFL/DFL VALVES OPEN TOOL	X			
98 S 280 0 2515 000	FUEL PUMP INSTALLATION TOOL	X			
98 S 280 0 3001 000	FEED JET PUMP TOOL	X		X	
98 S 280 0 3002 000	FUEL DRAINING WITH A/C PUMP	X			
98 S 290 0 8046 000	BRAKE SYSTEM PURGING TOOL	X			
98 S 291 0 3000 000	WRENCHES - PRESS XMTR & OVHT SENSOR	X			
98 S 310 0 5000 000	HARNESS INCIDENCE SENSOR	X			
98 S 313 0 5000 000	HARNESS POSITION TRANSMETOR	X			
98 S 313 0 5001 000	HARNESS TRIM ACTUATOR	X			
98 S 314 0 5000 000	MFC PHOBOS ATR42-500/72	X			
98 S 314 0 5000 001	MFC PHOBOS ATR42-500/72	X			
98 S 314 0 5000 100	MFC PHOBOS ATR42-500/72	X			
98 S 314 0 5000 400	MFC PHOBOS ATR42-500/72	X			
98 S 314 0 5000 500	MFC PHOBOS ATR42-500/72	X			
98 S 320 0 3000 000	ANTI-SKID ADJUST TOOL	X			
98 S 320 0 3004 000	NLG - STEERING ALIGNMENT ATR42	X	X		
98 S 320 0 5000 000	NLG - STEERING ALIGNMENT ATR42/72	X	X		
98 S 320 0 8050 000	MLG DOLLY	X	X		
98 S 320 0 8053 000	NLG DOLLY	X	X		
98 S 320 0 8073 000	MAIN WHEEL AXLE PROTECTOR	X			
98 S 320 0 8074 000	BRAKE SHOE LOCKING TIE ROD	X			
98 S 320 0 8125 000	L/G EMER-PARK BRAKE ADAPTOR	X			
98 S 320 0 8226 000	MLG SPECIFIC SPANNER	X			
98 S 320 0 8226 001	MLG SPECIFIC SPANNER	X			
98 S 320 0 8227 000	MLG SPECIFIC SPANNER	X			
98 S 320 0 8227 001	MLG SPECIFIC SPANNER	X			
98 S 320 0 8228 000	MLG SPECIFIC SPANNER	X			
98 S 320 0 8228 001	MLG SPECIFIC SPANNER	X			
98 S 320 0 8902 000	MLG SPECIFIC SPANNER	X			
98 S 320 0 8902 001	MLG SPECIFIC SPANNER	X			
98 S 320 0 8903 000	MLG SPECIFIC SPANNER	X			
98 S 320 0 8903 001	MLG SPECIFIC SPANNER	X			

PART NUMBER	DESIGNATION	VC	AVC	C	MC
98 S 324 0 5000 000	MLG SPECIFIC SPANNER	X			
98 S 324 0 5001 100	BRAKE WEAR TOOL ATR42	X			
98 S 340 0 3000 000	ALFA PROBE PROTECTOR SET	X			
98 S 340 0 5000 000	ALFA PROBE PROTECTOR SET	X			
98 S 342 0 3000 000	TOOL COMPENSATION	X		X	
98 S 360 0 3000 200	BLANKING CAP 2" FOR CROSS VALVE - HP VALVE	X			
98 S 360 0 3001 200	BLANKING CAP 2"1/2 FOR BLEED VALVE	X			
98 S 520 0 5000 000	FWD CLASS "C" COMPARTMENT CARGO DOOR AIR PROOF MEASUREMENT TOOL ATR72-201/211	X		X	
98 S 520 0 8123 000	CARGO DOOR OPEN BRACE STRUT	X			
98 S 520 0 8501 000	PASSENGER-CARGO DOOR R/I FITTING	X			
98 S 523 0 5001 000	HINGE CARGO DOOR REPLACEMENT TOOL	X		X	
98 S 523 0 5007 000	TOOL REPARATION SEAL CARGO DOOR	X			
98 S 524 0 3000 000	SERVICE DOOR SAFETY PIN	X			
98 S 524 0 5001 000	TOOL REPARATION SEAL SERVICE DOOR	X			
98 S 530 0 3001 000	WEIGHT RELIEF CRADLE	X	X		
98 S 530 0 3002 000	FITTING AT STA 9812 LH	X	X		
98 S 530 0 3002 001	FITTING AT STA 9812 RH	X	X		
98 S 530 0 3003 000	FITTING AT STA 15167 LH	X	X		
98 S 530 0 3003 001	FITTING AT STA 15167 RH	X	X		
98 S 530 0 3019 000	SHORING CRADLE FR42 OR FR44	X	X		
98 S 530 0 3022 000	FITTING AT FR28 LH/RH ATR72	X	X		
98 S 532 0 5000 000	PASSENGER VACUUM CAP	X		X	
98 S 536 0 5001 000	ANTITIPPING DEVICE ATR72	X			
98 S 536 0 5004 000	TOOL REPARATION SEAL ENTRY DOOR	X			
98 S 536 0 5004 002	TOOL REPARATION SEAL ENTRY DOOR	X			
98 S 542 0 5000 000	FLATNESS CHECKING TOOL ATR42	X		X	
98 S 542 0 5001 000	FLATNESS CHECKING TOOL ATR42-500	X		X	
98 S 550 0 5000 000	RUDDER AND ELEVATOR BALANCING TOOL	X		X	
98 S 550 0 8501 000	RUDDER R/I SLING	X		X	
98 S 550 0 8503 000	ELEVATOR ASSY R/I SLING	X		X	
98 S 552 0 3001 000	HORIZONTAL STABILIZER TOOLING R/I	X		X	
98 S 553 0 3001 000	BEAM - HOSTING VERTICAL STABILIZER R/I	X		X	
98 S 570 0 2500 000	WING UPPER PANEL BOLT EXTRACTOR	X			
98 S 570 0 3001 001	ENGINE WEIGHT RELIEF BEAM	X		X	
98 S 570 0 3009 000	RESTING PAD RIB 23	X	X		
98 S 570 0 3013 000	JIGS NEUTRAL SETTING AILERONS AND FLAPS (INNER/OUTER) ATR42	X			X
98 S 570 0 3013 040	JIGS NEUTRAL SETTING INNER FLAP RIB 8 ATR42	X			X

PART NUMBER	DESIGNATION	VC	AVC	C	MC
98 S 570 0 3013 041	JIGS NEUTRAL SETTING OUTER FLAP RIB 18 ATR42	X			X
98 S 570 0 3013 044	JIGS NEUTRAL SETTING AILERON RIB 27 RH ATR42	X			X
98 S 570 0 3013 045	JIGS NEUTRAL SETTING AILERON RIB 27 LH ATR42	X			X
98 S 570 0 3018 000	JIGS NEUTRAL SETTING AILERONS ATR72	X			X
98 S 570 0 3018 040	JIGS NEUTRAL SETTING AILERON RIB 8 ATR72	X			X
98 S 570 0 3018 041	JIGS NEUTRAL SETTING AILERON RIB 19 ATR72	X			X
98 S 570 0 3018 042	JIGS NEUTRAL SETTING AILERON RIB 28 ATR72	X			X
98 S 570 0 3029 000	ADAPTER-LOAD RELIEF RIB 24 LH/RH ATR72	X	X		
98 S 570 0 3029 040	ADAPTER-LOAD RELIEF RIB 24 LH ATR72	X	X		
98 S 570 0 3029 041	ADAPTER-LOAD RELIEF RIB 24 RH ATR72	X	X		
98 S 570 0 3030 000	ADAPTER-LOAD RELIEF RIB 13	X	X		
98 S 570 0 5001 010	WING UPPER SURFACE PANEL REMOVAL KIT ATR42	X	X		
98 S 570 0 5005 000	EXTRACTOR TOOLING FOR ATTACHMENT BOLTS OF WING TO FUSELAGE STRUCTURE.	X			
98 S 571 0 5020 200	BOLT GUIDE TOOL	X			
98 S 571 0 5021 200	BOLT GUIDE TOOL	X			
98 S 572 0 5001 000	WEDGES	X			
98 S 572 0 5004 200	PR SEALANT SCRAPER T22 REMOVABLE PANEL	X			
98 S 572 0 5009 000	BOLTS EXTRACTOR FOR REMOVABLE PANEL	X			
98 S 572 0 5009 002	BOLTS EXTRACTOR FOR REMOVABLE PANEL	X			
98 S 572 0 5009 004	BOLTS EXTRACTOR FOR REMOVABLE PANEL	X			
98 S 575 0 5000 000	TOOL FOR FLAP CAM GUIDE REPLACEMENT ATR72	X			
98 S 576 0 5001 000	SPRING TAB AILERON CHECKING JIG LH	X		X	
98 S 576 0 5001 001	SPRING TAB AILERON CHECKING JIG RH	X		X	
98 S 576 0 5002 000	TOOL FOR AILERON BALANCING	X		X	
98 S 576 0 5002 002	TOOL FOR AILERON BALANCING	X		X	
98 S 576 0 5002 004	TOOL FOR AILERON BALANCING	X		X	
98 S 610 0 0007 000	WRENCH TORQUE PROPELLER	X	X		
98 S 610 0 3000 000	PROPELLER LIFTER	X	X		
98 S 610 0 3001 000	FOLDABLE PROPELLE DOLLY (PROPELLER 14SF ONLY)	X	X		
98 S 610 0 3002 000	TURNING FIXTURE	X			
98 S 610 0 3004 000	SETTING TOOL - PCU	X			
98 S 610 0 3005 000	PROPELLER BALANCER TOOL (Modification No. 01431 or SB ATR42-61-0009 not embodied)	X		X	
98 S 610 0 3006 000	PROPELLER BALANCER TOOL (Modification No. 01431 or SB ATR42-61-0009 embodied)	X		X	
98 S 610 0 5000 000	SETTING TOOL - PCU	X			
98 S 610 0 5001 000	PROPELLER BALANCER SC1	X	X		
98 S 612 0 5000 000	APC DATA CONNECTING TOOL	X			

PART NUMBER	DESIGNATION	VC	AVC	C	MC
98 S 710 0 0003 001	ENGINE SLING	X		X	
98 S 710 0 3000 000	PROPELLER AND ENGINE R/I TOOL	X		X	
98 S 710 0 3000 002	PROPELLER AND ENGINE R/I TOOL	X		X	
98 S 710 0 3001 000	ENGINE TROLLEY IN ATR42	X		X	
98 S 710 0 3001 001	ENGINE TROLLEY IN ATR42/72	X		X	
98 S 710 0 3002 002	DOLLY ENGINE MAINTENANCE	X		X	
98 S 710 0 3003 000	ENGINE DOLLY (NON-REMOVABLE)	X		X	
98 S 710 0 3004 000	TRANSPORTATION ENGINE DOLLY KIT	X			
98 S 710 0 3005 000	TRANSPORTATION ENGINE DOLLY WITH CARRIAGE LEGS	X			
98 S 710 0 3008 000	GUIDE - R/I ENGINE SHOCKMOUNT	X			
98 S 710 0 3009 000	SPECIAL WRENCH - R/I ENGINE SHOCKMOUNT	X			
98 S 710 0 3010 000	GO NO-GO GAGE FOR SHOCKMOUNT	X			
98 S 710 0 3012 000	PROTECTIVE TOOL FOR LOCKWIRE ON SHOCKMOUNT	X			
98 S 710 0 5000 000	KEY WRENCH ALTERNATOR	X			
98 S 710 0 5001 000	KEY WRENCH ALTERNATOR	X			
98 S 712 0 5000 000	FWD SIDE ENGINE MOUNT TORQUE WRENCH (PW 124)	X			
98 S 712 0 5001 000	PROTECTIVE COVER ON SHOCKMOUNT	X			
98 S 760 0 0001 000	HMU PCU PIN	X			
98 S 760 0 0002 000	POWER CONDITION LEVER PROTRACTOR ASSY	X			
98 S 760 0 0003 000	HMU PCU ENGINE PINS SET	X			
98 S 760 0 0003 001	HMU PCU ENGINE PINS SET	X			
98 S 760 0 0006 000	ADJUSTMENT TOOL MFCV	X			
98 S 790 0 3000 000	OIL ENGINE DRAINING COUPLING TOOL	X			
98 S 790 0 5000 000	OIL ENGINE DRAINING COUPLING TOOL	X			
98 S 793 0 5001 000	REINFORCED "CROWSOOP" KEY	X			