

MAINTENANCE LOGS

Weekly Maintenance											
Date Hour Meter Reading											
Technician Initials											
Vehicle/CDS xDrive - check for leaks											
Pump oil - check											
Belts and pulleys - check for wear											
High pressure lines-internal - check for chafing											
Recovery tank inlet filter - remove and clean											
Recovery tank - clean											
Chemical container - remove and clean											
Vac. relief valve - inspect, clean											
Engine rpm - check with CDS xDrive unit operating											
Float switches - clean and inspect											
Hoses and quick connects; check for wear; replace as needed											
ATTENTION: Additiona	I break-i	n period ı	nainten	ance req	uired!						
One time change of pump oil after 50 hours of operation; every 300 hours thereafter.											
Blower oil - change after first 100 hours of use.											
Monthly Maintenance											
Flush chemical system with vinegar											
All fasteners; tighten as needed											
Engine air cleaner - inspect											
Battery terminals - clean as needed											
Blower drive belt - check											



Chemical pump valves and diaphragm - check										
Chemical pump - inspect										
Vehicle fuel lines - check for chaffing or wear										
CDS xDrive wiring harness - check for chafing or wear										
Bearings/power pack pillow block - grease										
Vehicle wiring harness - check for chafing or wear										
Pump oil - change (every 300 hours)										
Blower oil - change (every 400 - 500 miles)										
Every 500 Hours										
Salsa Heat Exchanger (if equipped) - clean and inspect										
Yearly Maintenance (or Every	1,000 Hours, Whichever Com	nes First)								
Vehicle - complete service	C	1								
Cooling system - flush	C	3								
Transmission fluid - change	C	J								
Blower Drive Belt	C	1								

Quarterly Maintenance (250 Hours, unless indicated otherwise)



MAINTENANCE CHART - 8 TO 600 HOURS

					DA	ILY N	IAINT	ENA	NCE	CDS	xDriv	/e - F	ORD	TRA	ISIT										
								Cł	neck e	engine	e oil le	evel													
								Cł	neck b	lowe	r oil le	evel													
								С	heck	pump	oil le	vel													
							E	mpty	recov	/ery ta	ank in	let fill	ter												
										-	rifice														
											rden h			n											-
				Vio	ually i										looko	oto									
	Inco	4																							
		ect re																							
Inspect and clean th	e vac	uum :	slot or	n the	clean	ing w	and. \	Natch	n for s	harp	edge	s that	may	tear t	the ca	irpet;	remo	ve an	ıy sha	irp ed	lges a	as req	uired		
	Lu	ubrica	te blo	wer lu									· ·			(P/N	000-0	87-0	06)						
					INT						xDriv														
Engine oil and filter		Change oil and filter every 3,000 miles or 3 months, whichever comes first Change after first 50 hours of use																							
Pump oil * Blower oil **	Change after first 50 hours of use Use Aeon PD synthetic oil; change after first 100 hours of use.																								
SERVICE	8	25	50	75	100	125	150				250							425		475	500	525	550	575	600
Float switches	0	C/I	C/I	C/I	C/I	C/I	C/I	C/I		C/I	C/I	C/I		C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I
Check around vehicle and																									
CDS xDrive for evidence of			СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН
oil/fluid leaks																									
All belts and pulleys (check for			СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН
wear) High pressure lines - internal																									
(check for chafing)			СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН
Recovery tank (clean																									
thoroughly with high pressure			C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I
washer)																									
Chemical container - remove			C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I
and clean Blower inlet filter inside																									
recovery tank			C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I
Vehicle engine rpm on CDS			СН	CH	CH	CH	CH	CH	CH	CH	СН	СН	CH	CH	СН	CH	СН	СН	СН	СН	CH	CH	CH	CH	СН
Hoses and quick connects;																									
check for wear; replace as			СН	СН	СН	СН	СН	CH	CH	СН	СН	СН	СН	СН	CH	СН	СН	СН	СН	СН	СН	CH	CH	СН	СН
needed				011	011	011	011	011		011		011		011	011	011							011	011	
* Pump oil, GP series 100 Vacuum Relief Valve -	_		R	CH	CH	CH	CH	CH	CH	CH	CH	CH	R	CH	CH	CH	СН	СН	СН	СН	CH	CH	CH	CH	R
inspect, clean		C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I
SERVICE	8	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600
Flush chemical system with			F		F		F		F		F		F		F		F		F		F		F		F
vinegar			'		<u>'</u>		<u>'</u>		'		Ľ		<u>'</u>		'		<u>'</u>		Ľ		Ľ		'		'
All fasteners; tighten as			СН		СН		СН		СН		СН		СН		СН		СН		СН		СН		СН		СН
needed *** Engine air cleaner filter					C/I				C/I				C/I				C/I				C/I				C/I
Battery connections					C/I				C/I				C/I				C/I				C/I				C/I
Blower drive belt (P/N 000-																			1						
010-009)					СН				СН				СН				СН				СН				СН
Chemical pump valves and											СН										СН				
diaphragm											-										-				
Chemical pump Vehicle fuel lines (chafing or											СН				-						СН		-		
wear)											СН										СН				
All wiring harnesses (chafing											<u></u>										<u> </u>				
or wear)											СН										СН				
** Blower oil					R												R								
SERVICE	8	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	_	525	550	575	600
Blower Heat Exchanger																			-		C/I				
Check all phase cable connections and phase cable																					СН				
for damage or overheating																									
		-			· · · ·				Perf	orm (comp	lete v	ehicle	mair	ntenar	nce ve	early								
Van's cooling system; add																	Ĺ								
new anti-freeze																									
Van's transmission fluid																									

* Refers to pump oil ** Refers to blower oil *** Check blower, front end fasteners

Adjust	Α
Check	CH
Clean and Inspect	C/I
Clean and Lubricate	C/L
Flush	F
Lubricate	L
Replace	R

References to van maintenance in this section in no way relieve customer of responsibility to follow all Ford maintenance procedures.

CAUTION

CDS xDRIVE Owner's Guide - 40



MAINTENANCE CHART - 675 TO 1200 HOURS

				D	AILY	MAI	NTEN	ANC	E CD	S xDı	ive -	FOR	D TR/	ANSIT								
							(Checl	< engi	ne oil	level											
Check blower oil level																						
Check pump oil level																						
Empty recovery tank inlet filter																						
Inspect and clean orifice and filters																						
Inspect and clean garden hose screen																						
Visually inspect machine for loose wires, oil leaks, water leaks, etc																						
Inspect recovery tank stainless steel filter for clogging or damage; clean, repair or replace as needed																						
Inspect and clean the vacuum slot on the cleaning wand. Watch for sharp edges that may tear the carpet; remove any sharp edges as required																						
Lubricate blower lube port with a HydraMaster-recommended spray lubricant (P/N 000-087-006)																						
	INTERVAL IN HOURS CDS xDrive - FORD TRANSIT Change oil and filter every 3,000 miles or 3 months, whichever comes first																					
Engine oil and filter Pump oil *	Change oil and filter every 3,000 miles of 3 months, whichever comes first Change after first 50 hours of use																					
Blower oil **	Use Aeon PD synthetic oil; change after first 100 hours of use.																					
SERVICE	675	700	725	750	775	800	825	850		900				1000	1025	1050		1100	1125	1150	1175	1200
Float switches	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I
Check around vehicle and CDS xDrive for evidence of	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	сн	СН	СН
oil/fluid leaks	GH	СН	CH		CH	CH	СП	CH	CH	GH	GH	GH	CH	CH	CH	CH	CH	СП	CH	СП	СП	СП
All belts and pulleys (check for	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН
wear)								UII			UII	UIT										
High pressure lines - internal (check for chafing)	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН
Recovery tank (clean																						
thoroughly with high pressure	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I
washer)																						
Chemical container - remove and clean	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I
Blower inlet filter inside	C/I	C/I	0/1	C/I	C/I	C/I	C/I	C/I	C/I	<u> </u>	C/I	C/I	C/I	<u></u>	0/1	C/I	<u></u>	01	0/1	C/I	C/I	C/I
recovery tank			C/I					C/I		C/I				C/I	C/I	C/I	C/I	C/I	C/I	-	C/I	C/I
Vehicle engine rpm on CDS	CH	CH	CH	CH	СН	CH	СН	CH	CH	CH	CH	CH	CH	СН	СН	СН	CH	СН	CH	СН	СН	СН
Hoses and quick connects; check for wear; replace as	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН	СН
needed	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* Pump oil, GP series 100	CH	CH	СН	CH	CH	CH	СН	CH	CH	R	CH	CH	CH	СН	CH	CH	CH	СН	CH	СН	CH	R
Vacuum Relief Valve - inspect, clean	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I
SERVICE	675	700	725	750	775	800	825	850	875	900	925	950	975	1000	1025	1050	1075	1100	1125	1150	1175	1200
Flush chemical system with	1	F		F		F		F		F		F		F		F		F		F		F
vinegar		Ľ		<u> </u>										<u> </u>		'		<u> </u>		Ľ		
All fasteners; tighten as needed ***		СН		СН		СН		СН		СН		СН		СН		СН		СН		СН		СН
Engine air cleaner filter		C/I				C/I		_		C/I				C/I				C/I				C/I
Battery connections		C/I				C/I				C/I				C/I				C/I				C/I
Blower drive belt (P/N 000-010-		СН				СН				СН				R			7	СН		7		СН
009) Chemical pump valves and																						
diaphragm				СН										СН								
Chemical pump				СН										СН								
Vehicle fuel lines (chafing or				СН										СН								
wear) All wiring harnesses (chafing																						
or wear)				СН										СН								
** Blower oil						R																R
SERVICE	675	700	725	750	775	800	825	850	875	900	925	950	975	1000	1025	1050	1075	1100	1125	1150	1175	1200
Blower Heat Exchanger Check all phase cable														C/I								
connections and phase cable														СН								
for damage or overheating					L	Ļ				Ļ												
Van's cooling system; add	1			_	P	erforr	n con	plete	e vehio	cle m	ainter	nance	year	ly								
new anti-freeze																			F	1		

* Refers to pump oil

** Refers to blower oil

*** Check blower, front end fasteners

Adjust	Α
Check	CH
Clean and Inspect	C/I
Clean and Lubricate	C/L
Flush	F
Lubricate	L
Replace	R

CAUTION

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41 - CDS xDRIVE Owner's Guide