

MAINTENANCE LOGS

Weekly Maintenance

	Weekly Maintenance							
	Date							
	Hour Meter Reading							
Technician Initials								
Vehicle/CDS xDrive - check for leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pump oil - check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Belts and pulleys - check for wear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High pressure lines-internal - check for chafing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recovery tank inlet filter - remove and clean	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recovery tank - clean	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chemical container - remove and clean	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vac. relief valve - inspect, clean	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engine rpm - check with CDS xDrive unit operating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Float switches - clean and inspect	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hoses and quick connects; check for wear; replace as needed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ATTENTION: Additional break-in period maintenance required!

One time change of pump oil after 50 hours of operation; every 300 hours thereafter.	<input type="checkbox"/>
Blower oil - change after first 100 hours of use.	<input type="checkbox"/>

Monthly Maintenance

Flush chemical system with vinegar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All fasteners; tighten as needed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engine air cleaner - inspect	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Battery terminals - clean as needed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blower drive belt - check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Quarterly Maintenance (250 Hours, unless indicated otherwise)

Chemical pump valves and diaphragm - check	<input type="checkbox"/>
Chemical pump - inspect	<input type="checkbox"/>
Vehicle fuel lines - check for chaffing or wear	<input type="checkbox"/>
CDS xDrive wiring harness - check for chafing or wear	<input type="checkbox"/>
Bearings/power pack pillow block - grease	<input type="checkbox"/>
Vehicle wiring harness - check for chafing or wear	<input type="checkbox"/>
Pump oil - change (every 300 hours)	<input type="checkbox"/>
Blower oil - change (every 400 - 500 miles)	<input type="checkbox"/>

Every 500 Hours

Salsa Heat Exchanger (if equipped) - clean and inspect	<input type="checkbox"/>	<input type="checkbox"/>
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Yearly Maintenance (or Every 1,000 Hours, Whichever Comes First)

Vehicle - complete service	<input type="checkbox"/>
Cooling system - flush	<input type="checkbox"/>
Transmission fluid - change	<input type="checkbox"/>
Blower Drive Belt	<input type="checkbox"/>

MAINTENANCE CHART - 8 TO 600 HOURS

DAILY MAINTENANCE CDS xDrive - FORD TRANSIT																									
Check engine 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																									
Engine oil and filter	Change oil and filter every 3,000 miles or 3 months, whichever comes first																								
Pump oil *	Change after first 50 hours of use																								
Blower oil **	Use Aeon PD synthetic oil; change after first 100 hours of use.																								
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
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	C/I	C/I
Check around vehicle and CDS xDrive for evidence of oil/fluid leaks			CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
All belts and pulleys (check for wear)			CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
High pressure lines - internal (check for chafing)			CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
Recovery tank (clean thoroughly with high pressure washer)			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
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	C/I
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			CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
Hoses and quick connects; check for wear; replace as needed			CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
* Pump oil, GP series 100			R	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	R	CH	CH	CH	CH	CH	CH	CH	CH	CH	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	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 vinegar			F		F		F		F		F		F		F		F		F		F		F		F
All fasteners; tighten as needed ***			CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH
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 000-010-009)					CH				CH				CH				CH				CH				CH
Chemical pump valves and diaphragm												CH										CH			
Chemical pump												CH										CH			
Vehicle fuel lines (chafing or wear)												CH										CH			
All wiring harnesses (chafing or wear)												CH										CH			
** 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	500	525	550	575	600
Blower Heat Exchanger																						C/I			
Check all phase cable connections and phase cable for damage or overheating																						CH			
Perform complete vehicle maintenance yearly																									
Van's cooling system; add new anti-freeze																									
Van's transmission fluid																									

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

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

CAUTION

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

MAINTENANCE CHART - 675 TO 1200 HOURS

DAILY MAINTENANCE CDS xDrive - FORD TRANSIT																						
Check engine 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																						
Engine oil and filter	Change oil and filter every 3,000 miles or 3 months, whichever comes first																					
Pump oil *	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	875	900	925	950	975	1000	1025	1050	1075	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 oil/fluid leaks	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
All belts and pulleys (check for wear)	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
High pressure lines - internal (check for chafing)	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
Recovery tank (clean thoroughly with high pressure washer)	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
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 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
Vehicle engine rpm on CDS	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
Hoses and quick connects; check for wear; replace as needed	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
* Pump oil, GP series 100	CH	CH	CH	CH	CH	CH	CH	CH	CH	R	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	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 vinegar		F		F		F		F		F		F		F		F		F		F		F
All fasteners; tighten as needed ***		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH
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 000-010-009)		CH				CH				CH				R				CH				CH
Chemical pump valves and diaphragm				CH										CH								
Chemical pump				CH										CH								
Vehicle fuel lines (chafing or wear)				CH										CH								
All wiring harnesses (chafing or wear)				CH										CH								
** 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														C/I								
Check all phase cable connections and phase cable for damage or overheating														CH								
Perform complete vehicle maintenance yearly																						
Van's cooling system; add new anti-freeze																			F			
Van's transmission fluid																			R			

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