DAILY MAINTENANCE ZR CDS 4.8
Clean and inspect pump strainer in saturated salt feeder
Check engine oil level
Empty recovery tank inlet filter
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 with a HydraMaster-recommended spray lubricant (P/N 000-087-006) through lube port

INTERVAL IN HOURS ZR CDS 4.8	
Engine oil and filter	Change every 2,000 miles.
HydraCradle swivel zerk	Lubricate every 40 hours with molybdenum disulfide (“moly”) grease.
HydraCradle Live Center Reel zerks	4 zerks (P/N 000-052-505), located on the Live Center Reel, Bearing 000-092-025 - Lubricate every 40 hours with molybdenum disulfide (“moly”) grease.
Pump oil *	Change after first 50 hours of use
Blower 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	625	650	675	700	725	750	775	800	825	850	875	900	925	950	975	1000	1025	1050	1075	1100	1125	1150	1175	1200
Float switch, filters		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	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 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	CH	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 (including HydraCradle) 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	CH	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	CH	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	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
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	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
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	CH	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	CH	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	R	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	R	CH	CH	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 and lubricate		C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L
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**	**625**	**650**	**675**	**700**	**725**	**750**	**775**	**800**	**825**	**850**	**875**	**900**	**925**	**950**	**975**	**1000**	**1025**	**1050**	**1075**	**1100**	**1125**	**1150**	**1175**	**1200**
Recovery tank magnesium anodes (P/N 000-108-022); replace as necessary			CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH
All fasteners; tighten 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		CH
Engine air cleaner filter					C/I				C/I				C/I				C/I				C/I				C/I				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				C/I				C/I				C/I				C/I				C/I				C/I
Blower drive belt (P/N 000-010-052)					CH				CH				CH				CH				CH				CH				CH				CH				CH				R				CH				CH
** Blower oil (P/N 000-087-034 Pneulube)					R						R										R										R										R								R
Vehicle fuel lines (chafing or wear)											CH										CH										CH										CH								
All wiring harnesses (chafing or wear)											CH										CH										CH										CH								
** Blower oil (P/N 000-087-034 Pneulube) - replace oil every 400 -500 hours					R												R																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**	**625**	**650**	**675**	**700**	**725**	**750**	**775**	**800**	**825**	**850**	**875**	**900**	**925**	**950**	**975**	**1000**	**1025**	**1050**	**1075**	**1100**	**1125**	**1150**	**1175**	**1200**
Drive shaft U-joints, splines, zerks (use Mobile DelVac Extreme)																					L																				L								
Salsa Heat Exchanger																					C/I																				C/I								
Salsa Heat Exchanger magnesium anodes (P/N 000-108-022) and replace as necessary																					CH																				CH								
Perform complete vehicle maintenance yearly																																																	
Van's cooling system; add new anti-freeze																																									F								
Van's transmission fluid																																									R								

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

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