

CHASSIS FAIL TAG REPORT

Fail tag data has been collected since May, 1996.

The numbers in the chart represent the total number of failures reported from May 1996 to the present time.

Fail Tag Description	To Dec 2008	To March 2009	To June 2009	To Sept 2009	To June 2010	To Jan 2011
Accelerator (throttle) cables	0	0	0	0	0	0
Air Intake System	4	4	6	6	8	10
Air Compressor/Dryer/Governor	4	4	4	4	4	5
Axles/Seals	19	19	19	19	19	19
Back-Up Lights/Switches	1	1	1	1	1	1
Bearings	4	4	4	4	4	4
Belts	10	10	10	10	11	11
Block Heater/Oil Pan Heater	2	2	2	2	2	2
Brakes – Calipers/Shoes/Pads	63	63	64	64	64	64
Brakes – Master/Wheel Cylinders/ Lines/ Warning Lights/Buzzers/Expanders	43	44	49	52	59	66
Brakes – ABS (wheel sensor/electrical)	79	79	79	79	81	81
Brakes – Hydromax Booster/Booster Pump/ Plumbing/Brake Switch	14	14	14	14	14	14
Brakes – Engine Brake/Pacbrake	15	15	15	15	15	15
Brakes – Park Brake/Shoes/Cables	8	8	8	8	9	9
Charging System	23	23	23	23	23	23
Cooling Fan	5	5	9	9	17	17
Chassis Hood/Cowl	7	7	7	8	8	8
Cooling System	22	22	24	25	31	31
Clutch	13	13	13	13	13	13
Cylinders	1	1	1	1	1	1
Engine Cylinder Block	14	15	15	15	16	16
EGR Cooler	--	--	--	--	1	2
Engine Cylinder Head	6	6	6	6	6	6
Engine Electrical	19	20	23	23	27	34
Computer Reprogramming	--	--	--	--	--	11
Engine Oil Leaks	20	21	21	21	22	22
Engine Oil Consumption	--	--	1	1	1	1

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Fail Tag Description	To Dec 2008	To March 2009	To June 2009	To Sept 2009	To June 2010	To Jan 2011
Engine Performance	19	19	23	23	29	32
Engine Mounts	9	9	9	9	9	9
Exhaust Systems	4	4	4	4	5	7
Exhaust Back Pressure Components	3	3	3	3	3	3
DFP/DPF Sensor	--	--	--	--	6	21
Frame	15	15	15	15	15	15
Fuel System	42	75*	77	77	93	95
Gauges	34	34	34	34	34	36
Glow Plugs	9	9	9	9	11	12
Headlights/Headlight Switches/Running Lights	16	16	16	16	16	16
Horn	6	6	6	6	6	6
Natural Gas Vehicles	4	4	4	4	4	4
Propeller Shaft	3	3	3	3	3	3
Rear Axle/Differential	3	3	3	3	3	3
Shifter Cables	0	0	0	0	0	0
Shocks	13	13	14	14	14	14
Starting Systems	13	13	14	14	14	14
Steering Components	13	13	13	13	13	13
Steering Gear/Steering Pump	3	3	3	3	3	3
Suspension – Front	0	0	0	0	1	1
Suspension – Rear	0	0	0	0	1	2
Suspension – Rear Air Bag	6	6	6	6	6	6
Transmissions – Automatic	10	10	10	10	10	10
Transmissions - Manual	5	5	5	5	5	5
Turbo Chargers/Turbo Pedestals	30	31	32	32	33	33
Turn Signals/Switches	45	45	46	46	46	46
Wheels/Wheel Bearings/Tires	25	27	29	29	29	31
Valves	2	2	2	2	2	2
Water Pumps	11	11	11	11	11	11
Wiring	14	15	15	15	15	15
Wiring – multiplex	1	1	1	1	6	6
Lack of/delay in delivery of parts	1	1	1	1	1	1