Zinc Pest (Mazak Rot); The Affected Models List					
Manufacturer	Cat.Number	Class	Country	Model	Affected Part
Bachmann	918	u36B	US	Autotrain 4000	Chassis corrosion
Bachmann	32-053	42	UK	Class 42 Blue; D804	Bogie tower tops disintegrating causing bogies to drop out of retaining lugs. Chassis block curving down at both ends.
Bachmann	32-054	42	UK	Class 42 Green; D800	Bogie tower tops disintegrating causing bogies to drop out of retaining lugs
Bachmann	32-150	N	UK	N Class	Footplate casting distortion and break up (Bachmann supply replacement)
Bachmann	32-152	Mogul	UK	Southern Mogul, BR black, 31813	Main frame disintegrates. (Bachmann supply replacement)
Bachmann	32-784	37	UK	37242 Mainline Blue	
Bachmann	32-786	37	UK	37174 EWS	
Bachmann	n/a	QJ	CN	QJ 2-10-2 Chinese market	This range were reported as having corrosion on the locomotive chassisin the early c2001 releases
Brawa	630	BR 06	DE	6001	Skirts/Footplate and body corroding
Brawa	740	425	NL	DMU	
Brawa	750	426	NL	DMU	Frame splits in two. Additionally the hook on frame that couples the two half's of the train snaps off.
Brawa	41307	V320	DE	320.001	Bogies curve to banana shape under axles
Brawa	B40183	BR 75	DE	BR 75 2-6-2T 1209	Body breaking up.
Brawa		232	DE	232 CO-CO diesel	Bogies corrosion
Fleischmann	4078	78	DE	78 434	Body corrosion on bunker
Grafar	1104	94xx	UK	9400 Pannier	not known
Heljan	3351	33/1	UK	33101 (Engineers Grey)	Disintegrated pivot on one bogie due to rot.
Heljan	4650	47	UK	47744 EWS	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4661	47	UK	47145 Merdyn Emeryss	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4663	47	UK	47298 in DRS	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4663	47	UK	47237 DRS	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4676	47	UK	47810 Porterbrook	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4679	47	UK	47711 NSE	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4680	47	UK	47193 Freightliner	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4695	47	UK	47299 BR Blue	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4700	47	UK	D1100 BR Green	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4701	47	UK	D1662 Green	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4702	47	UK	D1942 green	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.

Heljan	4730	47	UK	1932 BR Blue	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4733	47	UK	47278 Blue White Roof	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4750	47	UK	D1734 Two Tone Green	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4753	47	UK	47122 BR Blue	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4800	47	UK	47591 Rail blue	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4801	47	UK	47636 Large Logo Blue	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4805	47	UK	47212 Railfreight Distribution	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4807	47	UK	47715 Scot Rail	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4808	47	UK	47500 Great Western	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Heljan	4810	47	UK	47981 Duthc	chassis expands, splitting the body, Peak of the reported issues was circa 2009-2014 and is random, many models are ok and new reports of fatigue are less common post 2014. Many Chassis were able to be replaced by the Manufacturer.
Hornby	R1038	Rebuilt Merchant Navy	UK	35012	Bogie rot
Hornby	R1057	Princess	UK	6201 (Royal Train set)	
Hornby	R2171	Rebuilt Merchant Navy	UK	35005 Canadian Pacific	Front bogie disintegrates. (Available as Hornby spares).
Hornby	R2248	9F	UK	Weathered 9F	Loco chassis block
Hornby	R2260	Unrebuilt WC/	BUK	34070 'Manston' (first version)	Front bogie disintegrates. (Available as Hornby spares).
Hornby	R2267	Rebuilt Merchant Navy	UK	35025 Brocklebank Line	Piston rods break up, losing the valve gear attachment points, swelling and distorting in the rod.
Hornby	R2268	Rebuilt Merchant Navy	UK	35027 Port Line	Front bogie disintegrates. (Available as Hornby spares).
Hornby	R2350	50	UK	50045 Achilles NSE	Chassis cracking under cabs
Hornby	R2374	50	UK	50031 Hood	Chassis cracking under cabs
Hornby	R2408	50	UK	50007 Green GWR 150	Chassis cracking under cabs
Hornby	R2413	31	UK	Class 31 Blue; 31270	Chassis block expanding at cab extension weak point cracking body and rendering lights inoperative (Most common solution is to use motor/drive in a Lima Chassis)
Hornby	R2420	31	UK	Class 31 Green; D5512	Chassis block expanding at cab extension weak point cracking body and rendering lights inoperative (Most common solution is to use motor/drive in a Lima Chassis)
Hornby	R2421	31	UK	Class 31 Dutch; 31110	Chassis block expanding at cab extension weak point cracking body and rendering lights inoperative (Most common solution is to use motor/drive in a Lima Chassis)
Hornby	R2428	50	UK	50037	Chassis cracking under cabs
Hornby	R2429	50	UK	50002	Chassis cracking under cabs
Hornby	R2439	D	UK	0-4-0T in Southern malachite No 7	Collectors Club Model circa 2004-2005. The metal blocks that the motor sits on disintegrates
Hornby	R2486	50	UK	50013	Chassis cracking under cabs
Hornby	R2547	Grange Class	UK	6877 "Llanfair Grange" in GWR Green	Main Chassis block fails
Hornby	R2575	50	UK	50027 Lion	Chassis cracking under cabs
Hornby	R2628	Scot	UK	Royal Scot "Black Watch"	Gear retainer swells, loco loses drive. Threaded post on main block snaps off.
Hornby	R2629	Scot	UK	Royal Scot "The King's Royal Rifle Corps"	Gear retainer swells, loco loses drive.

Hornby	R2632	Scot	UK	Sir Frederick Harrison	Gear retainer swells, loco loses drive. Threaded post on main block snaps off.
Hornby	R2633	Scot	UK	Planet	Gear retainer swells, loco loses drive. Threaded post on main block snaps off.
Hornby	R2634	Patriot	UK	45512 Bunsen (weathered)	DCC socket and motor/gear clamp
Hornby	R2646X	56	UK	Class 56 56 049	Not Declared
Hornby	R2713X	T9	UK	SR 4-4-0 Class T9 No. 30310	Motor retaining bracket... (peters spares ps61 brass replacement.)
Hornby	R2754	31	UK	Class 31; 31 105	Chassis block expanding at cab extension weak point cracking body and rendering lights inoperative (Most common solution is to use motor/drive in a Lima Chassis)
Hornby	R2785	9F	UK	Railroad loco drive	Tender Chassis block disintegrates
Hornby	R2785	9F	UK	Loco drive 9F no 92220	Cast tender chassis warped and expanded locking wheels
Hornby	R2802XS	50	UK	50015 Valiant Dutch	Chassis cracking under cabs
Hornby	R2827	V Schools	UK	SR 4-4-0 Class 925 'Cheltenham'	Chassis expands forcing the front end upwards - snaps behind cylinders or ahead of driving wheels when 'persuaded' out of the body.
Hornby	R2829	T9	UK	SR 4-4-0 Class T9 No. 314	Motor retaining bracket... (peters spares ps61 brass replacement.) Also Chassis disintegration.
Hornby	R2830	T9	UK	SR 4-4-0 Class T9 No. 30119	Motor retaining bracket... (peters spares ps61 brass replacement.)
Hornby	R2831	T9	UK	SR 4-4-0 Class T9 No. 30726	Motor retaining bracket... (peters spares ps61 brass replacement.)
Hornby	R2880	9F	UK	Loco drive 9F no 92221	Cast tender chassis warped and expanded locking wheels
Hornby	R2889	T9	UK	T9 Class 30119	Rot affecting the motor retaining bracket etc (peters spares ps61 brass replacement.) Also Chassis disintegration.
Hornby	R2892	T9	UK	LSWR T9 Lim. Ed. in lime green	Motor retaining bracket... (peters spares ps61 brass replacement.)
Hornby	R2925	Clan	UK	Clan MacGregor	Front bogie. tabs holding rear axle bending outward, binding axle.
Hornby	R3007	L1	UK	2-6-4T 67759	Rear bogie cracked and fell apart
Hornby	R3016A	4MT	UK	Standard 4 Loco 75071	Rear motor retainer/ gear cover.
Hornby	R3445	WC	UK	West Country Camelford	Motor mount had failed
Hornby	R9046	Thomas	UK	Toby 0-6-0	Chassis Motor mounts
Klein Modellbahn	9080	1046	AT	4061.02	Body splits banana shaped from the centre
Klein Modellbahn	N/A	1046	AT	1046.007 (OBB)	Body splits banana shaped from the centre
Klein Modellbahn	N/A	60	BE	SNCB	Chassis
Klein Modellbahn	N/A	1080	AT	OBB red	Chassis/ Connecting rods
Klein Modellbahn	N/A	BR 2143	AT	OBB red	Body splits banana shaped from the centre
Klein Modellbahn	N/A	1245	AT	1245.528 OBB Green	Frame expands outwards
Liliput	5270	150	FR	150Y16	Chassis cracks
Liliput	L105200	BR52	DB	Neutral (unlined/numbered scheme)	Tender Chassis / Frame corosion
Lima	205247A1	20	UK	20171	
Lima		Ae	CH	Ae 3/6	
Lima		Prarie	UK	1980s era production	Rot affecting the weight
Lima		Crab	UK	42700	Rot affecting body weight stops wheels turning
Mainline	37-043	4MT	UK	75001	Chassis rot
Mainline	various	43xx	UK	GWR 43xx various	Chassis showing signs of cracking / rot
Marklin	36805	Köf II	DE	Köf II	
Marklin	37521	De 6/6	DE	37521	
Marklin	37526	De 6/6	CH	15301	
MicroAce	A-0259	Shinkansen	JP		
Roco	14111	c5/6	CH	2978	
Roco	43750	Re 460	CH	460.018-5 DANZAS (DC)	
Roco	43879	Re 460	CH	460.018-5 DANZAS (AC)	
Roco	63117	TEE	IT	ALN 448	
Roco	69117	TEE	IT	ALN 448	
Tillig	2562	781	CD	781 293-6	
Triang	R59	3MT	UK	82004	chassis block twisted preventing axles from running true, and eventually split the plastic bodyshell

Version History		
v1.6	31st March 2020	Lost to history
v2.0	7th April 2022	Recreated and updated from thread