

IM-39/1		故障分析-原因列表		
		FAILURE ANALYSIS – LISTING OF INITIAL CAUSES		
DEFECT CODE 故障名称		原因	INITIAL CAUSES	WARRANTY STATUS 保修状态
B001	Blistered Former 音圈骨架上有气泡	音圈骨架外部有气泡	Blistering of the former facing the winding	IN 保修
B002	Slipped Windings 线圈位移	部分或整个线圈位置有偏移	Partial or complete shifting of coil winding	IN 保修
B003	Over Heated 过热	音圈过热	Overheating of the voice coil.	OUT 不保修
B004	Direct Current 直流	音圈部分或者完全碳化	Partial or complete Carbonisation of the coil	OUT 不保修
B005	Buckling Former 音圈骨架变形	音圈骨架变形	Buckling of the voice coil former	OUT 不保修
B006	Melted Solder 焊点不良	引线与音圈之间的焊点不良导致开路	Melting of the winding solder with open circuit	IN 保修
B007	Short Circuit 短路	正负极端子焊接在一起导致短路	Winding in short-circuit by melting with the return wire	IN 保修
B008	Winding Insulation 线圈绝缘	因为与回路熔接在一起导致线圈开路	Winding in open-circuit by melting with the return wire	IN 保修
B009	Open Circuit 开路	线圈在老化时输出引线断裂	Winding in open-circuit by breaking of its output wire at fatigue	IN 保修
B010	Cold Solder 虚焊	接线端子虚焊导致开路	Cold solder of the lead-out braids. Voice coil in open-circuit	IN 保修
B011	Cut Braids 引线断裂	引线由于金属疲劳引起的断裂	Lead-out braid cut by mechanical fatigue breaking	IN 保修
B012	Too Short Braids 引线过短	引线过短导致喇叭工作中引线断裂	Too short lead-out braid, cut during operation	IN 保修
B013	Tearred Braids 拉断引线	用户意外情况导致引线断裂	Lead-out braid accidentally snatched	OUT 不保修

B014	Ovalized Voice coil 椭圆形音圈	椭圆形音圈导致擦圈	Ovalized voice-coil causes rub	IN 保修
B015	Softened Spider 弹波软化	由异音或者擦圈导致的弹波软化	Softened spider causes rub or buzz	IN 保修
B016	Buzzing 杂音	正弦激励中在某个特定频率或者电压时的异常噪声	Unusual noise in sinusoidal excitation (buzz) Record at which frequency and voltage	IN 保修
B017	Fillings in Air-gap 磁隙中有异物	磁隙中不干净有异物	Fillings in the air-gap	IN 保修
B018	Out-of Specifics. 参数异常	参数与参数表异常	Out-of Specifications	IN 保修
B019	Broken Dust cup 防尘帽损坏	防尘帽受压凹下或者穿孔破裂	Sagging or perforated dust cap	OUT 不保修
B020	Unstucked Dust-cap 防尘帽松动	防尘帽没有与纸盆粘连紧密	Dust-cap unstucked from cone	IN 保修
B021	Broken Cone 纸盆损坏	纸盆因破损、磨损或搬运不当而折起或撕裂	Folded or torn cone due to tear and wear or bad handling	OUT 不保修
B022	Unstucken Surround 折环脱胶	折环没有与纸盆粘连紧密	Unstucking or delamination of Surround from the cone	IN 保修
B023	Damaged Surround 折环损坏	折环变形或者破裂	Out-of-shape or torn Surround	OUT 不保修
B024	Broken Magnet 磁体破损	环形磁铁断裂音圈卡在磁隙中	Splitted ring magnet. The voice coil is jammed in the air gap	OUT 不保修
B025	Shifted Parts 部件位移	磁体或者前后板有位移导致音圈卡住	Magnet or front or rear plate shifted. The voice coil is jammed	IN 保修
B026	Broken Basket 盆架损坏	因冲击或机械应变而使盆架破裂或变形	Broken or warped Basket due to shock or mechanical strain	OUT 不保修
B027	Broken Terminals 端子损坏	因电击或处理不当而损坏接线端子	Brocken electrical terminals due to shock or bad handling	OUT 不保修

B028	Broken Loudspeaker 扬声器损坏	扬声器完全损坏，无法恢复	Complete destruction of the loudspeaker, irrecoverable	OUT 不保修
B029	Voice coil Glueing 音圈胶合	音圈到纸盆胶连处断裂	Breaking of the voice-coil to cone glueing joint	IN 保修
B030	Over Driven 过载	超出冲程偏移限制	Exceeding of excursion limits	OUT 不保修
B031	Spider Glueing 弹波胶合	弹波到音圈或者盆架胶连处开胶	Breaking of the spider / voice-coil or spider / frame glueing joint	IN 保修
B032	Unstucked Grill 防尘网松动	磁体系统防尘网开胶松动	Unstucking of the magnet system dustfilter	IN 保修
B033	Missing Label 标签缺失	扬声器标签缺失	Missing Loudspeaker Label	OUT 不保修
B034	Missing Parts 破损部件缺失	破损部件缺失	Missing moving parts	OUT 不保修
B035	Missing Base 基础缺失	机械部件缺失	Missing mechanical base	OUT 不保修
B036	Bad Reconing 维修不当	振动系统维修不当	Bad Reconded unit	OUT 不保修
B037	Dented Dome 振膜凹陷	振膜凹陷	Dented dome	OUT 不保修
B038	Glue on undulations	振膜上有胶水	Glue on undulations diaphragm	IN 保修
B039	Open Joint 开口接合	由于焊接不良导致音圈/引线开路	Open circuit due to bad solder voice-coil / braids	IN 保修
B040	Open Circuit 开路	因焊料不良导致接线端子开路	Open circuit due to bad solder braid – terminal	IN 保修
B041	Unstucked Voice-Coil 音圈松动	由音圈松胶导致的音圈/振膜损坏	Breaking of the voice-coil dome glueing joint due to lack of glue	IN 保修