

IM-39/1		ANALISIS DE FALLOS – LISTA DE CAUSAS INICIALES		
		FAILURE ANALYSIS – LISTING OF INITIAL CAUSES		
DEFECT CODE		CAUSA INICIAL	INITIAL CAUSES	WARRANTY STATUS
B001	Blistered Former	Burbuja en soporte bobina	Blistering of the former facing the winding	IN
B002	Slipped Windings	Bobinado desplazado total o parcialmente	Partial or complete shifting of coil winding	IN
B003	Over Heated	Bobina quemada	Overheating of the voice coil.	OUT
B004	Direct Current	Quemada la mitad de la bobina	Partial or complete Carbonisation of the coil	OUT
B005	Buckling Former	Soporte de la bobina quemado	Buckling of the voice coil former	OUT
B006	Melted Solder	Circuito abierto por fusión de la soldadura en la bobina	Melting of the winding solder with open circuit	IN
B007	Short Circuit	Bobina cortocircuitada por fusión con uno de sus terminales	Winding in short-circuit by melting with the return wire	IN
B008	Winding Insulation	Bobina abierta por fusión con uno de sus terminales	Winding in open-circuit by melting with the return wire	IN
B009	Open Circuit	Bobina abierta por rotura de sus terminales por fatiga	Winding in open-circuit by breaking of its output wire at fatigue	IN
B010	Cold Solder	Circuito abierto por soldadura fria en la trencillas	Cold solder of the lead-out braids. Voice coil in open-circuit	IN
B011	Cut Braids	Trencillas cortadas por fatiga mecánica	Lead-out braid cut by mechanical fatigue breaking	IN
B012	Too Short Braids	Trencillas cortas	Too short lead-out braid, cut during operation	IN
B013	Tearred Braids	Trencillas arrancadas	Lead-out braid accidentally snatched	OUT
B014	Ovalized Voice coil	Bobina ovalada causando roce	Ovalized voice-coil causes rub	IN
B015	Softened Spider	Centrador blando produce roce o zumbido	Softened spider causes rub or buzz	IN
B016	Buzzing	Ruido con señal sinusoidal. Indicar frecuencia y tensión de aparición	Unusual noise in sinusoidal excitation (buzz) Record at which frequency and voltage	IN
B017	Fillings in Air-gap	Limaduras en el entrehierro	Fillings in the air-gap	IN
B018	Out-of Specs.	Fuera de especificaciones	Out-of Specifications	IN
B019	Broken Dust cup	Tapeta rota o deformada	Sagging or perforated dust cap	OUT

<b>B020</b>	Unstucked Dust-cap	Tapeta despegada del cono	Dust-cap unstucked from cone	<b>IN</b>
<b>B021</b>	Broken Cone	Cono doblado o roto por el uso o deficiente manipulación	Folded or torn cone due to tear and wear or bad handling	<b>OUT</b>
<b>B022</b>	Unstucken Surround	Despegada el ala del cono	Unstucking or delamination of Surround from the cone	<b>IN</b>
<b>B023</b>	Damaged Surround	Ala deformada o rasgada	Out-of-shape or torn Surround	<b>OUT</b>
<b>B024</b>	Broken Magnet	Imán roto. La bobina esta bloqueada en el entrehierro	Splitted ring magnet. The voice coil is jammed in the air gap	<b>OUT</b>
<b>B025</b>	Shifted Parts	Imán o anillas de campo o núcleo desplazadas. Bobina travada	Magnet or front or rear plate shifted. The voice coil is jammed	<b>IN</b>
<b>B026</b>	Broken Basket	Carcasa rota o deformada	Broken or warped Basket due to shock or mechanical strain	<b>OUT</b>
<b>B027</b>	Broken Terminals	Terminales rotos por golpe o manipulación inadecuada	Broken electrical terminals due to shock or bad handling	<b>OUT</b>
<b>B028</b>	Broken Loudspek.	Altavoz roto. Irrecuperable	Complete destruction of the loudspeaker, irrecoverable	<b>OUT</b>
<b>B029</b>	Voice coil Glueing	Despegada bobina del cuello del cono	Breaking of the voice-coil to cone glueing joint	<b>IN</b>
<b>B030</b>	Over Driven	Golpeo de la bobina con la base del conjunto mecánico	Exceeding of excursion limits	<b>OUT</b>
<b>B031</b>	Spider Glueing	Centrador despegado de la carcasa o de la bobina	Breaking of the spider / voice-coil or spider / frame glueing joint	<b>IN</b>
<b>B032</b>	Unstucked Grill	Rejilla filtro del conjunto mecánico despegada	Unstucking of the magnet system dustfilter	<b>IN</b>
<b>B033</b>	Missing Label	Falta de la etiqueta del altavoz	Missing Loudspeaker Label	<b>OUT</b>
<b>B034</b>	Missing Parts	Falta el conjunto móvil	Missing moving parts	<b>OUT</b>
<b>B035</b>	Missing Base	Falta el conjunto mecánico	Missing mechanical base	<b>OUT</b>
<b>B036</b>	Bad Reconing	Mal reparado	Bad Reconded unit	<b>OUT</b>
<b>B037</b>	Dented Dome	Diafragma roto o abollado	Dented dome	<b>OUT</b>
<b>B038</b>	Glue on undulations	Cola en las ondulaciones del diafragma	Glue on undulations diaphragm	<b>IN</b>
<b>B039</b>	Open Join	Circuito abierto por defecto en soldadura bobina-trencilla	Open circuit due to bad solder voice-coil / braids	<b>IN</b>
<b>B040</b>	Open Circuit	Circuito abierto por defecto en unión trencilla-terminal	Open circuit due to bad solder braid – terminal	<b>IN</b>
<b>B041</b>	Unstucked Voice-Coil	Bobina despegada del diafragma por falta de adhesivo	Breaking of the voice-coil dome glueing joint due to lack of glue	<b>IN</b>