

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

<b>B019</b>	Broken Dust cup	Tapeta rota o deformada	Sagging or perforated dust cap	<b>OUT</b>
<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>	Ferrofluid Leakage	Pérdida de ferrofluido	Ferrofluid Leakage	<b>IN</b>
<b>B033</b>	Unstucked Grill	Rejilla filtro del conjunto mecánico despegada	Unstucking of the magnet system dustfilter	<b>IN</b>
<b>B034</b>	Missing Label	Falta de la etiqueta del altavoz	Missing Loudspeaker Label	<b>OUT</b>
<b>B035</b>	Missing Parts	Falta el conjunto móvil	Missing moving parts	<b>OUT</b>
<b>B036</b>	Missing Base	Falta el conjunto mecánico	Missing mechanical base	<b>OUT</b>
<b>B037</b>	Bad Reconing	Mal reparado	Bad Reconded unit	<b>OUT</b>
<b>B038</b>	Dented Dome	Diafragma roto o abollado	Dented dome	<b>OUT</b>

<b>B039</b>	Glue on undulations	Cola en las ondulaciones del diafragma	Glue on undulations diaphragm	<b>IN</b>
<b>B040</b>	Open Join	Circuito abierto por defecto en soldadura bobina-trencilla	Open circuit due to bad solder voice-coil / braids	<b>IN</b>
<b>B041</b>	Open Circuit	Circuito abierto por defecto en unión trencilla-terminal	Open circuit due to bad solder braid – terminal	<b>IN</b>
<b>B042</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>

- The above conditions will be applicable within the 3 years of warranty
- Las condiciones anteriores serán aplicables dentro de los 3 años de garantía.