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# Catálogo

# 2008



Solenoides p/ arranque

1 ~ 55



Automáticos p/ arranque

56 ~ 57



Bobinas y Pistones p/ arranque

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Se ha tomado especial cuidado para asegurar total exactitud en las descripciones y aplicaciones de cada producto; sin embargo, NOSSO no asume responsabilidad alguna por errores que pudieran presentarse. En tal caso, le agradeceremos tenga a bien informarnos para efectuar la posible corrección. Todos los nombres de empresas y productos contenidos en el presente catálogo son marcas registradas de sus respectivas empresas.

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9936770	ZM 655	40	F3RZ11390B	ZM 1-761	25	211497612	ZM 410	25
9938390	ZM 651	39	F3VY11390A	ZM 1-760	24	212057002	ZM 583	26
9938442	ZM 5-651	40	F3VY11390B	ZM 1-760	24	213017002	ZM 686	28
9941308	ZM 3-651	40	F4DZ11390A	ZM 760	24	213027001	ZM 686	28
9942333	ZM 3-651	40	F4DZ11390A	ZM 1-760	24	213027003	ZM 781	29
9945030	ZM 1-595	38	F4TZ11390A	ZM 892	45	213047001	ZM 582	26
9945557	ZM 6-595	39	F77Z11390A	ZM 661	48	213057004	ZM 2-689	28
9945630	ZM 4-595	39	F77Z11390B	ZM 661	48	21306700	ZM 686	28
9947959	ZM 3-595	38	F78Z11390AA	ZM 761	25	213067005	ZM 1-981	30
9947960	ZM 2-595	38	F78Z11390AA	ZM 1-761	25	213077001	ZM 781	29
9947992	ZM 3-395	37	XG11390908813	ZM 766	25	213077005	ZM 1-981	30
9949390	ZM 376	2	XS6U11390AA	ZM 761	25	213097008	ZM 1-981	30
9957705	ZM 654	40	XS6U11390AA	ZM 1-761	25	22405700	ZM 981	30
9957705	ZM 655	40	<b>GENERAL MOTORS</b>			225037001	ZM 2-689	28
9986109	ZM 656	40	90421722	ZM 591	52	225047002	ZM 2-689	28
9986109	ZM 657	41	90487704	ZM 1-473	2	225097003	ZM 2-689	28
9986144	ZM 654	40	93297294	ZM 494	21	2334302N00	ZM 1-981	30
9986144	ZM 655	40	93326115	ZM 2-860	23	2334343400	ZM 1-981	30
<b>FORD</b>			<b>HITACHI</b>			2334343G00	ZM 1-981	30
2701E11390A	ZM 610	36	211417005	ZM 682	27	23343H5000	ZM 681	27
2701E11390B	ZM 610	36	211417006	ZM 683	27	<b>HONDA</b>		
84VB11390AA	ZM 615	36	211417006	ZM 684	27	31204634005	ZM 581	26
88DR11001A	ZM 821	35	211417006	ZM 1-684	27	31204634005	ZM 680	27
B6AZ11450A	ZM 401	56	211417505	ZM 682	27	31204634670	ZM 684	27
BD7T11450A	ZM 401	56	211427001	ZM 684	27	31204634670	ZM 1-684	27
BF0T11K390AB	ZM 735	10	211427001	ZM 1-684	27	31204634671	ZM 683	27
BG3A11391AA	ZM 498	51	211427613	ZM 411	26	31204634671	ZM 684	27
C7AF11450A	ZM 401	56	211437003	ZM 684	27	31204634671	ZM 1-684	27
D20F11450AB	ZM 401	56	211437005	ZM 779	12	31204679014	ZM 708	48
D20Z11450A	ZM 401	56	211437005	ZM 1-782	29	31204PC1004	ZM 702	48
D20Z11450B	ZM 401	56	211437504	ZM 685	28	31204PC1024	ZM 702	48
D27Z11390A	ZM 661	48	211437505	ZM 682	27	31210P01005	ZM 606	41
D27Z11390B	ZM 661	48	211437602	ZM 682	27	31210P0A004	ZM 609	42
D2AF11450AA	ZM 401	56	211437606	ZM 712	28	31210P13904	ZM 606	41
D2DF11450AA	ZM 401	56	211437613	ZM 410	25	31210P30005	ZM 606	41

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31210PAAA02	ZM 609	42	35641110	ZM 1-483	32	76833	ZM 610	36
31210PC2016	ZM 603	41	35641160	ZM 1-482	31	76834	ZM 610	36
31210PC2026	ZM 602	41	K01182	ZM 5-485	34	76835	ZM 610	36
31210PD2006	ZM 603	41	K01193	ZM 3-485	33	76836	ZM 610	36
31210PD2016	ZM 603	41	K01223	ZM 1-716	34	76844	ZM 610	36
31210PE1171	ZM 602	41	K01230	ZM 4-485	34	76854	ZM 610	36
31210POA004	ZM 609	42	K01231	ZM 3-484	33	76862	ZM 610	36
31210PT0004	ZM 604	41	K01245	ZM 482	31	76864	ZM 610	36
31210PT001	ZM 607	42	K01247	ZM 2-485	33	76865	ZM 610	36
31210PT09050	ZM 604	41	K01248	ZM 1-485	33	76869	ZM 610	36
31210PT001	ZM 607	42	K01249	ZM 484	32	76881	ZM 610	36
3122051A10	ZM 708	48	K01250	ZM 1-484	32	76900	ZM 610	36
3122052A20	ZM 708	48	K01250	ZM 1-485	33	76910	ZM 610	36
35850KAS930	ZM 112	57	K01334	ZM 485	33	76911	ZM 610	36
35850KBB900	ZM 101	56	K01337	ZM 3-716	34	76912	ZM 610	36
35850KW1900	ZM 111	57	K01338	ZM 3-482	32	76913	ZM 610	36
35850KW1901	ZM 111	57	K01340	ZM 2-484	33	76923	ZM 1-613	36
35850MCG000	ZM 103	56	K01351	ZM 1-482	31	76923	ZM 613	36
35851KBB900	ZM 102	56	K01352	ZM 2-482	32	76928	ZM 610	36
35851MF5751	ZM 111	57	K01363	ZM 483	32	76955	ZM 610	36
35851MFS751	ZM 111	57	K01363	ZM 1-483	32	76956	ZM 610	36
35860KGA940	ZM 111	57				76994	ZM 616	37
<b>IHC</b>			<b>ISUZU</b>					
101463C1	ZM 660	47	5811510290	ZM 686	28	77010	ZM 610	36
			5811510540	ZM 781	29	77014	ZM 610	36
<b>INDIEL</b>			5811511030	ZM 2-689	28	77025	ZM 610	36
230800	ZM 3-716	34	5811511581	ZM 2-689	28	77032	ZM 610	36
230810	ZM 482	31	8115300180	ZM 686	28	77036	ZM 616	37
230860	ZM 3-482	32	8941512100	ZM 703	48	77052	ZM 610	36
35640175	ZM 561	51	8941529810	ZM 981	30	77109	ZM 610	36
35640274	ZM 801	34	8942083030	ZM 684	27	77121	ZM 1-613	36
35640306	ZM 802	35	8942166330	ZM 684	27	77121	ZM 613	36
35640346	ZM 1-801	35	8942187720	ZM 684	27	77121A	ZM 613	36
35640381	ZM 822	35	8942284530	ZM 780	29	77122	ZM 615	36
35640540	ZM 471	31	8944551790	ZM 708	48	77131	ZM 1-613	36
35640550	ZM 471	31				77131	ZM 613	36
35640590	ZM 471	31	3166128320A	ZM 584	26	77136	ZM 613	36
35640600	ZM 821	35				77138	ZM 613	36
35640630	ZM 716	34	<b>KUBOTA</b>			1522163020	ZM 660	47
35640640	ZM 803	35	1523163010	ZM 660	47	77139	ZM 613	36
35640660	ZM 471	31	1523163020	ZM 660	47	77140	ZM 616	37
35640670	ZM 471	31	1523163021	ZM 661	48	77141	ZM 1-613	36
35640690	ZM 485	33				77141	ZM 613	36
35640770	ZM 480	31	<b>LADA</b>			77143	ZM 1-613	36
35640800	ZM 3-716	34	21083708808	ZM 579	7	77143	ZM 613	36
35640810	ZM 482	31	BEAC	ZM 579	7	77147	ZM 616	37
35640840	ZM 481	31				77149	ZM 616	37
35640850	ZM 2-485	33	<b>LEECE NEVILLE</b>			L1033	ZM 816	36
35640860	ZM 3-482	32	77207A			35640700	ZM 1-471	31
35640870	ZM 1-716	34				35640710	ZM 2-716	37
35640880	ZM 4-485	34	60933109	ZM 615	36	60933111	ZM 1-613	36
35640890	ZM 3-484	33	60933111	ZM 613	36	60933111	ZM 613	36
35640910	ZM 1-485	33	60933113	ZM 613	36	60933113	ZM 613	36
35640920	ZM 2-484	33	76711	ZM 610	36	76711	ZM 610	36
35640930	ZM 484	32	76733	ZM 610	36	76733	ZM 610	36
35640940	ZM 1-484	32	76740	ZM 610	36	76740	ZM 610	36
35640955	ZM 5-485	34	76753	ZM 610	36	76753	ZM 610	36
35640995	ZM 1-482	31	76756	ZM 610	36	76756	ZM 610	36
35641000	ZM 3-485	33	76781	ZM 610	36	76781	ZM 610	36
35641020	ZM 480	31	76825	ZM 610	36	76825	ZM 610	36
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TPB118	ZM 1-613	36	032424760	ZM 691	42	M372X10372PS	ZM 893	46
TPB118	ZM 613	36	057823764	ZM 660	47	M372X10372PS	ZM 896	46
TPB119	ZM 1-613	36	175724760	ZM 692	43	M375X00271	ZM 792	44
TPB119	ZM 613	36	175824736A	ZM 691	42	MD602074	ZM 691	42
TPB124	ZM 615	36	859924736	ZM 891	45	MD602879	ZM 691	42
TPB133	ZM 616	37	AM1518X10	ZM 696	43	MD607150	ZM 691	42
TPB157	ZM 613	36	FE7918X10	ZM 690	42	MD607434	ZM 691	42
TPM111	ZM 613	36	KL0618X10	ZM 690	42	MD607549	ZM 691	42
<b>MAGNETI MARELLI</b>			N32618X10	ZM 698	43	MD607634	ZM 893	46
63600400	ZM 650	39	N32618X10	ZM 4-698	44	MD607997	ZM 696	43
63600507	ZM 650	39	R20124736	ZM 893	46	MD611378	ZM 798	45
63600802	ZM 4-651	40	<b>MERCEDES-BENZ</b>			MD611378	ZM 691	42
63600901	ZM 651	39	0011523610	ZM 815	23	MD611591	ZM 4-698	44
63600904	ZM 5-651	40	<b>MITSUBISHI</b>			MD611591	ZM 698	43
63633801	ZM 654	40	79873	ZM 992	46	ME700119	ZM 896	46
63633801	ZM 655	40	79873	ZM 4-992	46	ME700316	ZM 896	46
63633825	ZM 654	40	M371X00171	ZM 691	42	MM502461	ZM 691	42
63633825	ZM 655	40	M371X00272	ZM 692	43	MM502465	ZM 691	42
63633901	ZM 656	40	M371X00372	ZM 691	42	SB161	ZM 690	42
63633901	ZM 657	41	M371X01871	ZM 1-691	42	SB163	ZM 690	42
63633902	ZM 656	40	M371X02871	ZM 691	42	SB164	ZM 690	42
63633902	ZM 657	41	M371X16171	ZM 690	42	SB303	ZM 691	42
63633925	ZM 656	40	M371X17271	ZM 692	43	SB304	ZM 691	42
63633925	ZM 657	41	M371X30371	ZM 691	42	SB329	ZM 690	42
63633933	ZM 656	40	M371X50171	ZM 691	42	SB330	ZM 690	42
63633933	ZM 657	41	M371X50671	ZM 691	42	SB502	ZM 691	42
63693801	ZM 654	40	M371X54771	ZM 692	43	SB506	ZM 691	42
63693801	ZM 655	40	M371X58871	ZM 690	42	SB506F	ZM 691	42
63902000	ZM 650	39	M371X59271	ZM 691	42	SB524	ZM 799	45
85530010	ZM 4-651	40	M371X60271	ZM 696	43	SB530	ZM 690	42
85530220	ZM 5-651	40	M371X61371	ZM 798	45	SB530F	ZM 690	42
85530330	ZM 651	39	M371X61371	ZM 691	42	SB530G	ZM 690	42
85540001	ZM 651	39	M371X62171	ZM 697	43	SB587	ZM 690	42
85540011	ZM 654	40	M371X62271	ZM 697	43	SB587F	ZM 690	42
85540011	ZM 655	40	M371X62371	ZM 697	43	SB588	ZM 690	42
85540041	ZM 5-651	40	M371X62571	ZM 695	43	SB592F	ZM 691	42
85540211	ZM 656	40	M371X62871	ZM 697	43	SB594F	ZM 691	42
85540211	ZM 657	41	M371X63071	ZM 697	43	SB602	ZM 696	43
85540221	ZM 654	40	M371X64271	ZM 698	43	SB613	ZM 798	45
85540221	ZM 655	40	M371X64271	ZM 4-698	44	SB615	ZM 696	43
85540471	ZM 3-651	40	M371X64273	ZM 698	43	SB621	ZM 697	43
85540561	ZM 651	39	M371X64273	ZM 4-698	44	SB622M	ZM 697	43
85540591	ZM 4-651	40	M371X64471	ZM 698	43	SB623	ZM 697	43
85540961	ZM 1-595	38	M371X64471	ZM 4-698	44	SB625	ZM 695	43
85540981	ZM 6-595	39	M371X64771	ZM 792	44	SB630	ZM 697	43
85541003	ZM 395	37	M371X64971	ZM 5-698	44	SB642	ZM 5-698	44
85541010	ZM 7-595	39	M371X69171	ZM 790	44	SB642M	ZM 5-698	44
85541210	ZM 8-395	38	M371X74471	ZM 698	43	SB644	ZM 5-698	44
85541400	ZM 7-595	39	M371X74471	ZM 4-698	44	SB649	ZM 5-698	44
85541420	ZM 9-595	39	M371X76275	ZM 779	12	SB665	ZM 795	45
85541430	ZM 1-595	38	M371X76371	ZM 793	44	SB669	ZM 994	47
85541430	ZM 4-595	39	M371X78371	ZM 794	44	SB691	ZM 793	44
85541670	ZM 2-595	38	M371X92575	ZM 794	44	SB783	ZM 794	44
85541670	ZM 9-595	39	M371X94071	ZM 1-695	43	SB784P	ZM 793	44
85541740	ZM 6-395	38	M372X00171	ZM 894	46	SB806	ZM 690	42
85541860	ZM 6-395	38	M372X00471	ZM 893	46	SC001	ZM 691	42
9948651	ZM 4-395	37	M372X02371	ZM 894	46	SC003	ZM 894	46
<b>MAZDA</b>			M372X04171	ZM 891	45	SC004	ZM 893	46
022123764	ZM 660	47	M372X06971	ZM 890	45	SC041	ZM 891	45

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SC074	ZM 892	45	0534003890	ZM 703	48	23343T3470	ZM 686	28
<b>MOTORCRAFT</b>			0534003931	ZM 704	48	23343U6000	ZM 779	12
E90Z11390B	ZM 760	24	0534003932	ZM 703	48	23343U6000	ZM 1-782	29
F02Z11390A	ZM 760	24	0534004430	ZM 704	48	23343V5301	ZM 682	27
F3VY11390A	ZM 760	24	0534004431	ZM 704	48	<b>PARIS-RHÔNE</b>		
F3VY11390B	ZM 760	24	0534004432	ZM 703	48	102217	ZM 595	52
SW2157	ZM 452	19	0534004640	ZM 704	48	102295	ZM 596	53
SW2188	ZM 760	24	0534004642	ZM 704	48	102849	ZM 597	53
SW2188	ZM 1-760	24	0534004643	ZM 704	48	103794	ZM 597	53
SW2207	ZM 760	24	0534005050	ZM 703	48	104604	ZM 1-594	52
SW2207	ZM 1-760	24	0534005240	ZM 703	48	105254	ZM 593	52
SW2245	ZM 760	24	0534005280	ZM 702	48	105489	ZM 597	53
SW2245	ZM 1-760	24	0534005282	ZM 702	48	106142	ZM 594	52
SW2502	ZM 760	24	0534005290	ZM 702	48	106143	ZM 594	52
SW2502	ZM 1-760	24	0534006090	ZM 661	48	120849	ZM 597	53
SW2502A	ZM 760	24	0534006550	ZM 703	48	182458	ZM 596	53
SW2502A	ZM 1-760	24	0534007270	ZM 703	48	182462	ZM 593	52
SW2506	ZM 761	25	0534008750	ZM 708	48	CED528	ZM 595	52
SW2506	ZM 1-761	25	128000714	ZM 421	58	CED529	ZM 597	53
SW2507	ZM 761	25	128000781	ZM 1-421	58	CED530	ZM 596	53
SW2507	ZM 1-761	25	128000938	ZM 421	58	CED533	ZM 597	53
SW3	ZM 401	56	23343W1700	ZM 781	29	CED538	ZM 597	53
SW5038	ZM 760	24	<b>NISSAN</b>			CED540	ZM 1-594	52
SW5038	ZM 1-760	24	211447005	ZM 682	27	CED543	ZM 593	52
SW5204	ZM 1-761	25	2330000	ZM 682	27	CED544	ZM 597	53
SW5204	ZM 761	25	23300000	ZM 682	27	CED546	ZM 594	52
SW818	ZM 761	25	2334304E00	ZM 682	27	CED548	ZM 1-594	52
SW818	ZM 1-761	25	2334304E10	ZM 690	42	CED552	ZM 491	49
SWE1136	ZM 660	47	2334316E01	ZM 1-585	26	CED568	ZM 597	53
SWE1450	ZM 660	47	2334325F00	ZM 2-689	28	CED569	ZM 599	53
SWE1990	ZM 660	47	2334330R11	ZM 790	44	<b>RENAULT</b>		
SWE1999	ZM 660	47	2334330R13	ZM 793	44	7702218570	ZM 1-471	31
SWE5064	ZM 892	45	2334331000	ZM 719	29	<b>SAAB</b>		
<b>NASHVILLE</b>			2334337506	ZM 583	26	7527856	ZM 574	7
44000100	ZM 634	47	2334360U10	ZM 794	44	<b>SUBARU</b>		
44010200	ZM 635	47	2334361504	ZM 686	28	392103902	ZM 660	47
<b>NIPPONDENSO</b>			2334370Y00	ZM 719	29	492104122	ZM 703	48
0534001040	ZM 660	47	2334384A07	ZM 1-719	29	492105602	ZM 703	48
0534001150	ZM 661	48	2334384A17	ZM 792	44	492107002	ZM 703	48
0534001151	ZM 661	48	23343AA000	ZM 697	43	492107102	ZM 660	47
0534001260	ZM 660	47	23343B5010	ZM 692	43	892104122	ZM 660	47
0534001530	ZM 660	47	23343B5011	ZM 692	43	892104122	ZM 703	48
0534001740	ZM 661	48	23343C0600	ZM 683	27	<b>SUZUKI</b>		
0534001870	ZM 661	48	23343C0600	ZM 684	27	3122063210	ZM 660	47
0534001880	ZM 661	48	23343C0600	ZM 1-684	27	3122073010	ZM 660	47
0534002120	ZM 661	48	23343G7001	ZM 686	28	3122074010	ZM 660	47
0534002160	ZM 662	48	23343G7002	ZM 583	26	3122084010	ZM 703	48
0534002250	ZM 661	48	23343H5000	ZM 582	26	<b>TOYOTA</b>		
0534002550	ZM 662	48	23343H9100	ZM 685	28	2815011710	ZM 708	48
0534002880	ZM 660	47	23343J5520	ZM 2-689	28	2815011711	ZM 708	48
0534003000	ZM 661	48	23343J5602	ZM 2-689	28	2815012030	ZM 661	48
0534003010	ZM 661	48	23343KA040	ZM 708	48	2815012031	ZM 661	48
0534003330	ZM 660	47	23343M4900	ZM 682	27	2815015010	ZM 703	48
0534003340	ZM 662	48	23343M8011	ZM 697	43	2815015011	ZM 703	48
0534003350	ZM 660	47	23343M8210	ZM 698	43	2815015012	ZM 703	48
0534003370	ZM 661	48	23343M8210	ZM 4-698	44	2815015013	ZM 703	48
0534003710	ZM 660	47	23343N3300	ZM 581	26	2815022011	ZM 660	47
0534003720	ZM 660	47	23343N3301	ZM 581	26	2815023010	ZM 662	48
0534003810	ZM 660	47	23343N3301	ZM 680	27	2815023011	ZM 662	48

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2815024060	ZM 661	48	<b>VOLKSWAGEN</b>					
2815024061	ZM 660	47	026911287	ZM 573	6			
2815024070	ZM 660	47	311911287	ZM 521	4			
2815024071	ZM 660	47	TD2911251A	ZM 401	56			
2815025010	ZM 660	47	<b>VOLVO</b>					
2815025013	ZM 660	47	13635461	ZM 574	7			
2815026030	ZM 661	48	<b>WAPSA</b>					
2815033020	ZM 660	47	22916	ZM 503	54			
2815033021	ZM 660	47	22917	ZM 513	54			
2815034070	ZM 660	47	22921	ZM 501	53			
2815036050	ZM 660	47	22928	ZM 518	54			
2815036050	ZM 662	48	22931	ZM 519	55			
2815041011	ZM 660	47	22932	ZM 511	54			
2815041020	ZM 661	48	22934	ZM 512	54			
2815060040	ZM 660	47	23728	ZM 1-518	54			
2815060060	ZM 662	48						
2815087203	ZM 660	47						
2815087208	ZM 708	48						
2815087210	ZM 708	48						
2815087512	ZM 708	48						
<b>VALEO</b>								
104594	ZM 592	52						
181069	ZM 1-597	53						
182464	ZM 1-492	50						
494803	ZM 2-495	50						
494813	ZM 498	51						
494815	ZM 2-492	50						
494822	ZM 3-495	50						
502326	ZM 590	51						
591118	ZM 490	49						
594045	ZM 491	49						
594046	ZM 491	49						
594047	ZM 599	53						
594048	ZM 599	53						
594087	ZM 492	49						
594118	ZM 490	49						
594119	ZM 599	53						
594181	ZM 497	51						
594183	ZM 496	51						
594208	ZM 1-491	49						
594288	ZM 4-495	50						
594347	ZM 495	50						
594407	ZM 2-491	49						
594431	ZM 3-491	49						
594806	ZM 494	21						
CED5033	ZM 495	50						
CED518	ZM 1-492	50						
CED541	ZM 592	52						
CED549	ZM 1-597	53						
NE134	ZM 593	52						
NE138	ZM 597	53						
NE140	ZM 593	52						
NE159	ZM 592	52						
NE355	ZM 560	51						
NE361	ZM 560	51						
NE420	ZM 597	53						
NE421	ZM 596	53						
NE777	ZM 491	49						
NE815	ZM 492	49						



## Solenoides para Arranque

**ZM 371**



**BOSCH**  
2339304001

12v. Arranque Bosch 0001106011, 0001107016,  
0001107041, 0001107046, 0001107059, 0001113010.

**Bosch**

**ZM 1-371**



**BOSCH**  
2339304015  
2339304047  
2339304050

12v. Arranque Bosch 0001107043, 0001107087, 0001107407,...

**FORD** Fiesta '95-'02, Focus '98-'05, Ka '96-'03.

**ZM 2-371**



**BOSCH**  
2339304039

12v. Arranque Bosch 0001107406, 0001115008.  
**MERCEDES-BENZ** Clase A 160 CDI ==> 07.98 à 02.01, A 170 CDI ==> 07.98 à 02.01, Clase C 180 Kompressor == 05.02, 200 CGI Kompressor == 07.03, 200 Kompressor == 05.02, 230 Kompressor == 02.04, Coupe 160 Kompressor == 05.02, Coupe 180 Kompressor == 05.02, Coupe 200 CGI Kompressor == 07.03, Clase E 200 Kompressor == 11.02, T-Model T Kompres. == 11.02, CLK 200 CGI == 07.03, 200 Kompressor == 09.02, Convertible 200 Kompressor == 02.03, Convertible 200 CGI == 07.03 SLK 200 Kompressor == 03.03.

**ZM 372**

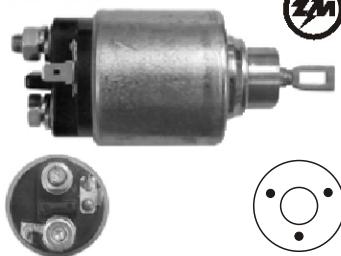


**BOSCH**  
2339304007  
2339304019  
2339304023

12v. Arranque Bosch 0001106062, 0001107062, 0001107067,  
0001107076, 0001107078, 0001107083,...

**RENAULT** Laguna 2.0, Safrane 2.5, 2.0;  
**VOLVO** 850, 960, C70, S40, S70, S80, V40, V70.

**ZM 373**

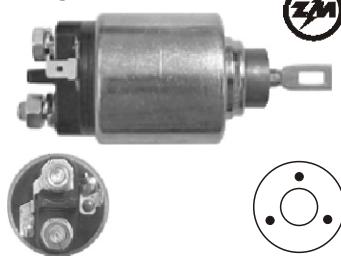


**BOSCH**  
2339304020  
2339304025

12v. Arranque Bosch 0001116001, Renault 7700864608.

**RENAULT** Clio , Clio II, Kangoo (10/97>), Twingo 1.1 (05/96>), 1.2i (09/96>), 1.3 (05/96>).

**ZM 374**



**BOSCH**  
2339304003

12v. Arranque Bosch 0001107047, 0001112036,...

**RENAULT** 19, 21, 9, Clio, Express, Kangoo, Laguna, Megane, Trafic;  
**VOLVO** 460 (03/90>08/97), 480 (03/90>08/91).



## Solenoides para Arranque

**ZM 376**



**BOSCH**  
2339304011

12v. Arranque Bosch 0001107063, 0001108176,...

**Bosch**

**CITROËN** Berlingo 1.8i ==>05.97, 1.8i 4WD==>05.97, Box 1.8i ==>08.99 > 10.02, BX 16 E ==>05.89 > 02.93 BX Break 16 ==>05.89 > 12.93, Evasion 1.8 ==>05.97 > 07.02, 2.0 ==>05.94 > 07.02, 2.0 1.6V ==>05.98 > 04.00, 2.0 Turbo C. T. =>06.94 > 07.02, Jumper 2.0, Xantia 1.6 i '93, 1.8i, 1.8i 16V '95 à 01.98, 2.0i, 2.0i 16V, 2.0 Turbo, XM 2.0, 2.1 D, TD, Xsara 1.8i, 1.8i 16V => 04.97 > 09.00, 2.0i 16V, ZX 1.6 i ==> 03.91 > 06.97 ZX 1.8 i ==> 07.92 > 06.97 ZX 1.8 i 16V => 01.96 > 06.97 ZX 1.9 i 16V => 01.96 > 06.97 ZX 2.0 i ==> 07.92 > 06.97;

**FIAT** Ducato 2.0 >'02; **LANCIA** -

**PEUGEOT** 205 1.6, 1.9, 306 1.8, 2.0 - 8 y 16v, 405 1.6, 1.8, 1.9, 2.0 - >'96, 406 1.6, 1.8, 2.0, 605 2.0, 806 2.0 >'02, Boxer 2.0 >'02, Partner 1.8 CombiSpace == 05.97.

**ZM 378**

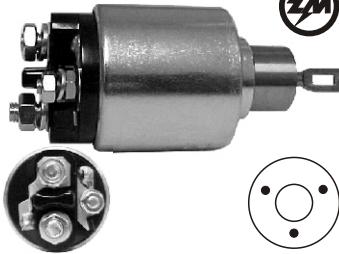


**BOSCH**  
2339304005  
2339304009

12v. Arranque Bosch 0001108157

**BMW** 316 i - 316i Compact, 316i Touring, 318 i, 318 iS, 318 iS Coupe, 318 Ti Compact, 320 i, 320i Cabrio, 320i Coupe, 323 Ci Coupe, 323i, 323i Cabrio, 323i Coupe, 323i Touring, 323 Ti Compact, 325 i, 325 Cabrio, 325i Coupe, 328 Ci Coupe, 328i, 328i Cabrio, 328i Coupe, 328i Touring, 525 i, 528 i, 528 i Touring) - '89 > '00, Z3 1.8, 1.9, 2.8, 3.0i) - '94 > '00.

**ZM 1-473**

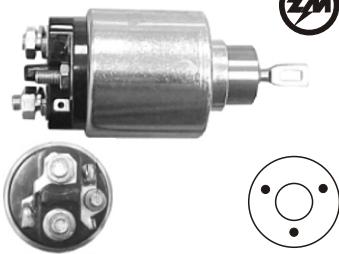


**BOSCH**  
2339303206

12v. Arranque Bosch 0001107034, 0001107045;  
G. Motors 90512189, 90518627.

**CHEVROLET** Astra, Vectra, Zafira c/motor 2.0 16v.

**ZM 5-473**

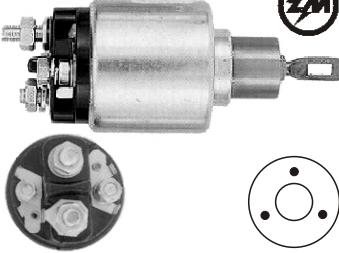


**BOSCH**  
9330061129  
F000SH0150

12v. Arranque Bosch F005M00024

**CHEVROLET** Astra, Vectra 4 cil.;  
**ISUZU** Rodeo Family II;  
**OPEL** Calibra.

**ZM 475**



**BOSCH**  
0331303100  
0331303102  
0331303116  
0331303117  
0331303120  
0331303146

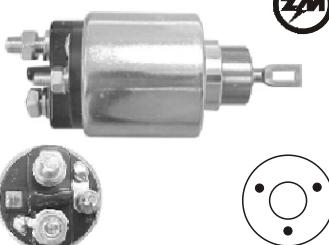
12v. Arranque Bosch 0001108042, 0001108054, 0001108064,  
0001108065, 0001108115.

**AUDI**;  
**BMW**;  
**M. BENZ**;  
**VOLVO**.



## Solenoides para Arranque

**ZM 1-475**



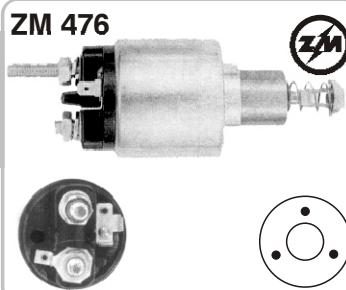
**BOSCH**  
0331303127  
2339303204

12v. Arranque Bosch 0001108080, 0001108146.

**Bosch**

**FIAT** Cromo, Palio 1.6 16v (04/96>).

**ZM 476**



**BOSCH**  
0331303057  
0331303104

12v. Arranque Bosch 0001212213, 0001212214, 0001212402,  
0001212403.

**VOLKSWAGEN** camiones.

**ZM 477**



**BOSCH**  
2339303210

12v. Arranque Bosch 0001107031, 0001107032

**CHRYSLER;**  
**DODGE;**  
**MITSUBISHI.**

**ZM 478**

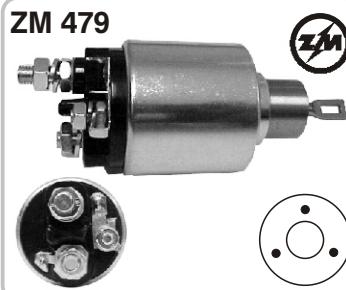


**BOSCH**  
F000SH0110

12v. Arranque Bosch F000AL0307

**RENAULT** 19 (07/99>), Clio 1.6i (07/99>).

**ZM 479**



**BOSCH**  
2339303227  
F000SH0123

12v. Arranque Bosch 0001109018, 0001109048.

**FIAT** Strada 1.7 TDS (03/99>), 1.9 D (11/2000>).

**ZM 1-479**



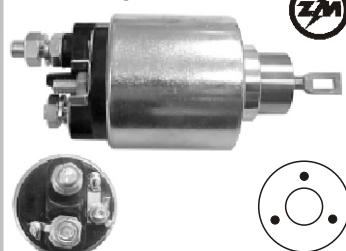
**BOSCH**  
2339303256  
F000SH0108  
F000SH0139

12v. Arranque Bosch 0001107066, 0001107091, 0001110124,  
F000AL0100, F000AL0102.

**FIAT** Marea, Marea Weekend 1.8 MPI 16V 08/1999 > 02/2000,  
Brava 1.8 MPI 16V - 02/2000 >, Marea 2.0 20V 10/1996 > 02/1999,  
Marea 2.0 MPI 20V Turbo 12/1998 >, Marea Weekend 2.0 MPI 20V  
Turbo 12/1998 > 02/2000, Palio Weekend 1.6 MPI 16V 04/2000 >  
02/2002, Siena 1.6 MPI 16V 04/2000 > 02/2002, Strada 1.6 MPI  
16V 03/2002>.



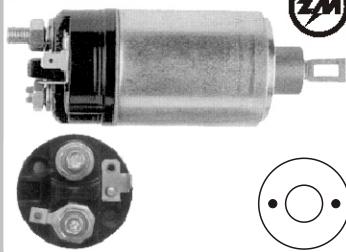
## Solenoides para Arranque

**ZM 2-479**

**BOSCH**  
6033AD0312

12v. Arranque Bosch 0001223013.

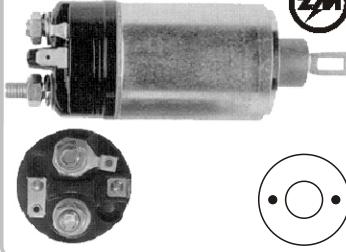
**Bosch**

**FIAT** Ducato 2.8 Turbo Intercooler (10/2000>), Ducato 10 2.8 TD, TD EGR (04/2000>03/2002), Ducato 14 2.8 D, TD, TD EGR (04/2000>03/2002), Ducato 18 2.8 TD, TD EGR (04/2000>03/2002); **IVECO** Daily 12 (04/00>).

**ZM 521**

**BOSCH**  
0331302040  
0331302064  
0331302540  
9330081038  
**VOLKSWAGEN**  
311911287

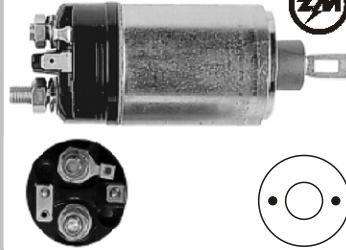
12v. Arranque Bosch 0001211221, 0001211222, 0001211992, 0001211993, 0001211997.

**ALFA ROMEO;**  
**AUDI;**  
**PORSCHE** 914, 1700, 1800;  
**VOLKSWAGEN** Kombi.

**ZM 522**

**BOSCH**  
0331302062  
9330081022  
9330081024

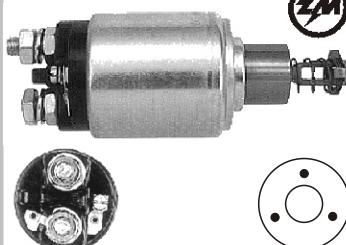
12v. Arranque Bosch DD series 208, 211 y 311: 0001208202, 0001211200, 0001211201, 0001211241, 9000082024.

**AUDI;**  
**CHRYSLER** Caravan;  
**GM** Chevette 1.4;  
**PORSCHE;**  
**SAAB** 99;  
**VOLVO** 14.

**ZM 524**

**BOSCH**  
0331302029  
0331302036  
0331302044

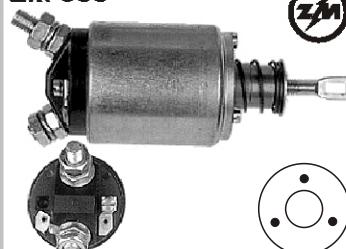
12v. Arranque Bosch 0001208038, 0001311030, 0001311031, 9000082023.

**BMW** 320 i;  
**GMC** Chevette;  
**OPEL** Kadett;  
**VOLVO** 160, 240, 760.

**ZM 531**

**BOSCH**  
9330081030

12v, similar a ZM 631 pero con palanca de acero.  
Arranque JF - Bosch 9000083027, 9000083028, 9000083035, 9000083036, 9000083038, 9000083042.

**AGRALE;** **ALFA ROMEO;** **CASE;** **CBT;** **CUMMINS;** **FORD;** **FORD NEW HOLLAND;** **GM;** **IVECO;** **MAN;** **MASSEY FERGUSON;** **MAXION;** **M. BENZ;** **MWM;** **OPEL;** **RENAULT;** **TOYOTA;** **VALMET;** **VOLKSWAGEN;** **VOLVO.**

**ZM 533**

**BOSCH**  
9330081008

12v. Arranque JD - Bosch 9000083015.

**RASTROJERO** motor EJD.

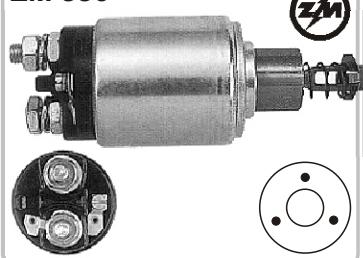


## Solenoides para Arranque

**ZM 534**

**BOSCH**  
9330081031

12v. Arranque Bosch 9000083000, 9000083001, ... **Bosch**  
**AGRALE** TX1600; **CASE** W20 Tractor; **CBT** - Tractor 1105;  
**FIAT ALLIS** - Tractor AD7B; **MASSEY FERGUSON** 235  
 (Per-A 3.152); **M. BENZ** - Chasis p/omnibus OF-OH 1113, 1313,  
 1316, Motor estacionario, industrial, generador y marítimos  
 OM 352/352A, 1113, 1313, 1316, 1513, 1516, 2013, 2016, 2213,  
 2216; **MWM** - Motores D225-6, 225-3, 225-4, 229-3; **TOYOTA**;  
**VALMET** - 621D, 65, 68, 85, 110; **YANMAR** - Motor estacionario  
 AE-1 (todos c/motor JD).

**ZM 536**

**BOSCH**  
9330081032

24v, similar a ZM 635 pero con palanca de acero.  
 Arranque JF - Bosch 9000083043, 9000083046, 9000083064,  
 9000083073, 9000083076.

**CASE;**

**CUMMINS** motor 6 BT 5,9; **EL DETALLE** AO-Serie 101;  
**FIAT** camiones; **IVECO** 150T/ E18/E20, 120 E15, 160 E21/23/T;  
**MAXION**;  
**M. BENZ** 1214, 1218, 1414, 1418, 1217, 1614, 1618, 1621,  
 chasis p/ ómnibus OF, OH 1318.

**ZM 537**

**BOSCH**  
9330081028

12v, c/ fuelle. Arranque Bosch 9000083031, 9000083041,  
 9000083051, 9000083061, 9000083062.

**CASE** 580-serie 580H, SH (4x2), SH (4x4); **CBT** Tractor 2105;  
**CUMMINS** motores serie B; **FORD** Cargo 14115, 16117, C814,  
 C1215, C1216, C1415, C1416, F4000; **KOMATSU** tractores D30E  
 (MBB-OM 352), D50A, D50P (MBB-OM 352) 12/83>; **VALMET** 980,  
 1780; **VOLKSWAGEN** camiones 7.140, 35.300 Turbo Charger,  
 16.170BT, 16.200; **YANMAR** tractor 1050.

**ZM 543**

**BOSCH**  
0331402002  
0331402003  
0331402502  
0331402503

12v. Arranque Bosch 0001362046, 0001362305, 0001362312,  
 0001362700, ...

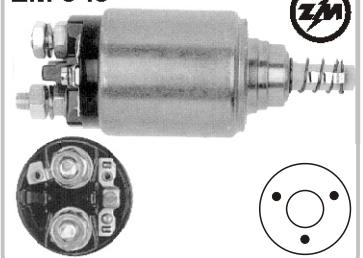
**CASE**; **DEUTZ-FAHR**; **FORD**; **IHC**; **IVECO**; **MAN**;  
**MASSEY FERGUSON**; **RENAULT**; **SCANIA**; **VOLKSWAGEN**;  
**VOLVO**.

**ZM 544**

**BOSCH**  
0331401040  
0331402001  
0331402019  
0331402030  
0331402035  
0331402039

12v, similar a ZM 744 pero con perno de contacto corto.  
 Arranque Bosch 0001362062, 0001362073,  
 0001362092, 0001367028, 0001367029, ...

**IVECO** Daily;  
**FORD NEW HOLLAND** tractores 8430 DT, 8630 DT, 8830 DT;  
**M. BENZ** 240 D, 300;  
**VOLVO** 240, 740, 769;  
**VOLKSWAGEN** Quantum.

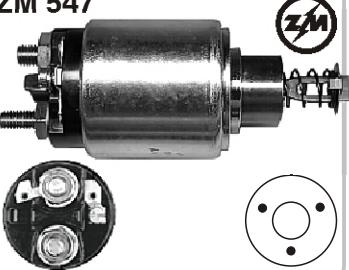
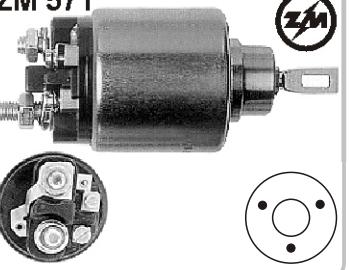
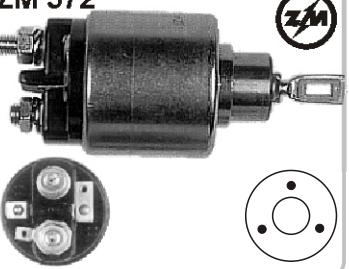
**ZM 545**

**BOSCH**  
0331402051  
0331402053  
0331402054  
0331402094  
0331402206

24v, similar a ZM 1-545 pero con perno de  
 contacto corto. Arranque Bosch 0001360029,  
 0001360032, 0001360033, 0001360034, 0001360043, ...

**DAF**; **DEUTZ**;  
**FIAT**;  
**IHC**; **IVECO**;  
**M. BENZ**;  
**RENAULT**; **VOLVO**; **SCANIA**.



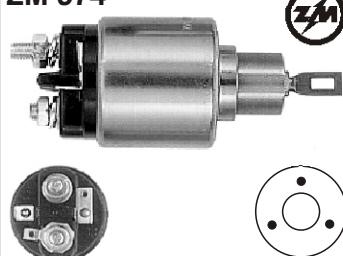
## Solenoides para Arranque

ZM 547		BOSCH 9330081045	24v. Arranque JF - Bosch 9000083065.  M. BENZ.	Bosch
ZM 550		BOSCH 9330081036	12v. Arranque Bosch 9000083045, 9000083052, 9000083063, ...  FIAT ALLIS; KOMATSU retroexcavadora; YANMAR motor estacionario y marítimo.	
ZM 571		BOSCH 0331303003 0331303007 0331303010 0331303015 9330081039	12v. Arranque Bosch 0001208200, 0001208201, 0001208208, 0001211213, 0001211214, 0001211216.  AGRALE camiones; AUDI; FORD Escort c/ motor CHT; M. BENZ 230, 280, 380, 420, 450, 500, 560; PEUGEOT 505; VOLKSWAGEN Gol, Gol Country, Passat, Saveiro, Senda, Carat, Transporter; YANMAR micro tractores TC 11/TC11 Super (NS11).	
ZM 572		BOSCH 9330081041	12v. Arranque Bosch 9000082058.  CHEVROLET Monza 2.0 y 2.0 i, Kadett 2.0.	
ZM 573		BOSCH 0331303002 0331303006 0331303013 0331303024 0331303029 0331303037 0331303041	12v. Arranque Bosch 0001110014, 0001110015, 0001110029, 0001110030, ...  FIAT 147, Fiorino, Panorama, Duna, Spazio, Uno; FORD Escort; GM Chevette '91>; VOLKSWAGEN Gol.	
ZM 2-573		BOSCH 0331303070	12v. Arranque Bosch 0001107005, 0001124005, 0001124006,...  VOLKSWAGEN Transporter 2.4 D.	



## Solenoides para Arranque

**ZM 574**



**BOSCH**

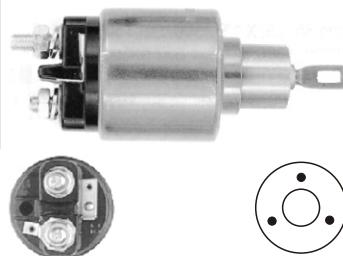
0331303008  
0331303033  
9330081046  
0331303074

12v. Arranque Bosch 0001108012, 0001108030,  
0001108038, 0001108088, 0001108089.

**Bosch**

**ALFA ROMEO;**  
**BMW;**  
**FIAT** Uno, Duna 1.5, Tempra, Fiorino;  
**FORD** Escort;  
**GM** Chevette '91>.

**ZM 575**



**BOSCH**

0331303006  
0331303026  
0331303506

12v. Arranque Bosch 0001208204, 0001208408, 0001208410, ...

**BMW;**  
**CHEVROLET** pickup S10 naftera;  
**FIAT;**  
**LANCIA;**  
**SEAT.**

**ZM 1-575**



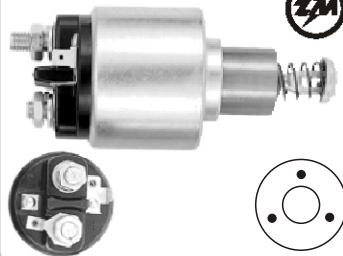
**BOSCH**

0331303168

12v. Arranque Bosch 0001108144, 0001109008, ...

**LAND ROVER** Discovery , New Discovery

**ZM 576**



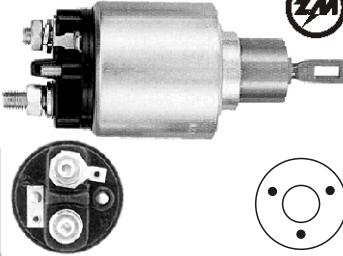
**BOSCH**

0331303004  
0331303009  
0331303018  
0331303073

12v. Arranque Bosch 0001212204, 0001212205, ...

**VOLKSWAGEN** Caddy 1.6, Golf 1.6 - I, II, Jetta.

**ZM 578**



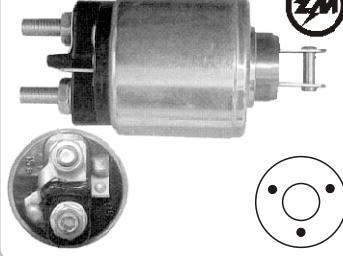
**BOSCH**

0331303005  
0331303016  
0331303028  
0331303031

12v. Arranque Bosch 0001211206, 0001211227, 0001211228,  
0001211242, ...

**FORD** Escort 1.6, Fiesta 1.6, Sierra1.6, 1.8, 2.0, 2.0i, Transit.

**ZM 579**



**LADA**

21083708808

12v.

**LADA** Niva, Samara 1.3, 1.5.



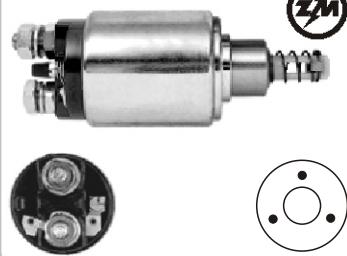
## Solenoides para Arranque

**ZM 580**

**BOSCH**

0331303003  
0331303007  
0331303010  
0331303015  
0331303040  
0331303503  
9330081039

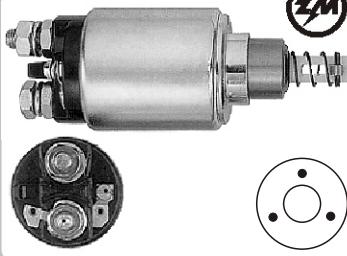
12v. C/terminales pala. Arranque Bosch  
9000082025, 9000082028,...

**Bosch**
**ZM 631**

**BOSCH**

9330081030

12v. C/horquilla de nylon. Arranque Bosch 9000083027,  
9000083028,...

**AGRALE; ALFA ROMEO; CASE; CBT; CUMMINS; FORD;  
GENERAL MOTORS; IVECO; MASSEY FERGUSON; MAXION;  
MERCEDES-BENZ; MWM; NEW HOLLAND; OPEL; RENAULT;  
TOYOTA; VALMET; VOLKSWAGEN; VOLVO; YANMAR.**

**ZM 632**

**BOSCH**

9330451094

12v. Arranque Bosch 9000453080, 9000453082, 9000453091.

**AGRALE camión 1800D;  
CASE excavadora 80 CR, 80P;  
CBT tractor 8440;  
MWM motores D2294, D2296, Td2296;  
NEW HOLLAND tractor;  
VALMET tractor 78, 88, 118, 128, 128 4x4;  
VOLKSWAGEN camiones c/ motor MWM X10**

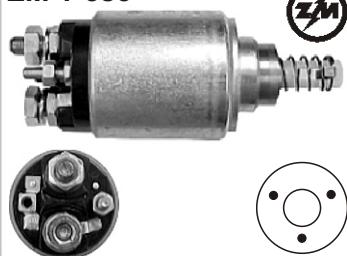
**ZM 638**

**BOSCH**

0331402005  
0331402208

24v. Arranque JF - Bosch 0001360025, 0001360036, 0001360038,  
0001360040, 0001360049.

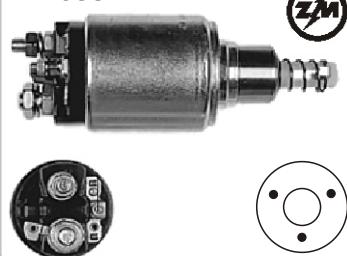
**SCANIA P 93 H;  
VOLVO.**

**ZM 1-639**

**BOSCH**

2339402117  
2339402156  
2339402180

24v. Arranque Bosch 0001231002.

**MERCEDES-BENZ - O 500 M, O 500 U c/motores OM 906 LA  
(05.2001=>), O 500 R com motor 926 LA (05.2001=>), 1215 C  
c/motor OM 904 LA (05.1999=>), 1218 c/motor 904 LA (07.2001=>),  
1418 L c/motor 904 LA (07.2001=>), 2423 c/motor 906 LA  
(05.1999=>), 712 C c/motor OM 904 LA (10.1998=>), 914 C / LO  
c/motor OM 904 LA (10.1998=>), 915 c/motor OM 915 A  
(02.1998=>), L1618 M c/motor 904 LA (10.1998=>), L1622  
c/motor 924 LA (07.2001=>).**

**ZM 653**

**BOSCH**

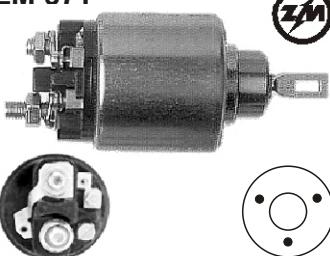
0331402027  
0331402028

12v. Arranque Bosch 0001362045, 0001362061,...

**FORD Granada 1.9 d, 2.1 D, 2.5D, Sierra 2.3 D;  
PEUGEOT.**



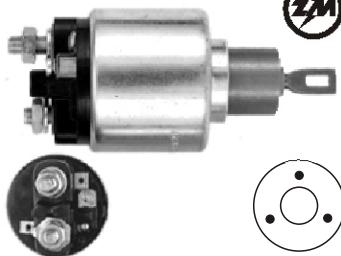
## Solenoides para Arranque

**ZM 671**

**BOSCH**  
9330081047

12v. Arranque Bosch 9000082055, 9000082071,  
9000082075, 9000082084.

**Bosch**

**RENAULT** 18, R21 2.2, Trafic 2.2;  
**VOLKSWAGEN** Gol Gti 2.0, Saveiro 1.8, Quantum 1.8, 2.0,  
Passat GTS, Pointer 1.8.

**ZM 674**

**BOSCH**  
0331303048  
0331303061

12v. Arranque Bosch 9000331419,...

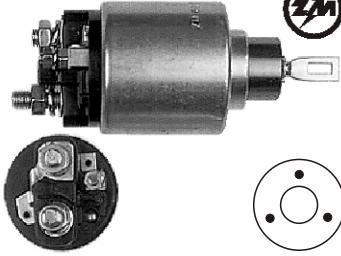
**BEDFORD** - diesel;  
**BMW** - diesel  
**MERCEDES-BENZ** MB 180 ('91>);  
**OPEL** Frontera 2.3 TD, Omega 2.3 D, TD, Rekord 2.3 D, TD,  
Senator 2.3 TD.

**ZM 3-674**

**BOSCH**  
0331303096  
2339303276

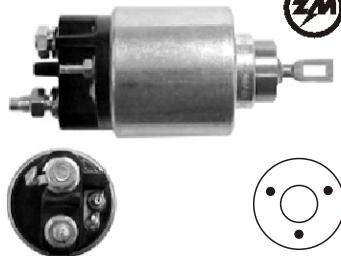
12v. Arranque Bosch 0001219001, 0001219010, 0001219014,...

**MERCEDES-BENZ**;  
**NISSAN** Patrol.

**ZM 677**

**BOSCH**  
0331303072  
0331303081  
0331303107  
0331303607

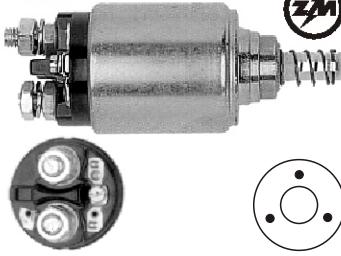
12v. Arranque Bosch 0001108052, 0001108154.

**BMW** 318i, 525i;  
**JEEP** Cherokee, Cherokee 2.5, Grand Cherokee, Wrangler.

**ZM 679**

**BOSCH**  
F000SH0125  
F000SH0131

12v. Arranque Bosch 0001112041, F000AL0315,...

**CITROËN** Berlingo 1.6i, C3 1.6i, Saxo 16v (07/96=>), Xsara 1.4i (07/97-08/00), Xsara 1.6i (07/97-08/00);  
**PEUGEOT** 106 1.0i (07/92=>), 1.1i (09/91=>), 205 1.4i (07/88-09/98), 206 1.6i, 306 1.6i (01/93=>), 1.8i 16v (10/99=>), Partner 1.4i (07/96=>)

**ZM 731**

**BOSCH**  
0331401038  
0331401045  
0331402503

12v. Arranque JF - Bosch 0001358049, 0001358201, 0001359072,  
0001359073, 0001359081.

**BMW** 528i, 533i, 535i, 633 CSI, 731i, M5, M6;  
**IHC**;  
**MASSEY FERGUSON**; **M. BENZ** 190E, 240D, 300, camiones;  
**OPEL**;  
**PERKINS** tractores;  
**RENAULT**;  
**VOLVO** 240.



## Solenoides para Arranque

**ZM 732**



**BOSCH**  
0331402008  
0331402508

12v. Arranque Bosch 0001364100, 0001364101,...

**Bosch**

**DEUTZ;**  
**IHC;**  
**KHD.**

**ZM 735**



**BOSCH**  
2339402147

12v. Arranque Bosch 0001223505.

**FORD** F-250 (11/98>), F-250 Duty, F-4000 ('99>) c/motor Cummins 3.9 y MWM 4.2

**ZM 740**



**BOSCH**  
0331401016

12v. Arraque Bosch 0001354086, 0001354092, 0001354093, 0001354099, 0001354101.

**IVECO;**  
**M. BENZ** 240D, 300;  
**RENAULT** camiones;  
**VOLVO** 240.

**ZM 772**



**BOSCH**  
0331303012

12v. Arranque Bosch 0001314005, 0001314028,...

**MERCEDES-BENZ** 250 , T(09.79==>07.85), 280 S, SE, SEL (12.79==>07.85), GE (11.79==>08.89), 300 diesel, 450 diesel.

**ZM 773**



**BOSCH**  
0331303094  
9330081050

12v. Arranque Bosch 0001112005, 0001114003, 0001114005, 9000081001, 9000081002.

**AUDI** 80, 90, 100;  
**CHEVROLET** Kadett 1.8, Monza 1.6 y 1.8;  
**FORD** Escort Ghia, XR3, Guaruja 1.6, 1.8, 2.0 (mod. '93);  
**VOLKSWAGEN** Pointer c/ motor AP 1800, Polo Classic 1.6i, 1.6Mi, 1.8i, 1.8Mi, 2.0i, 2.0Mi (01.95=>), Caddy 1.6, 1.8i, Golf 1.6 versión I, II, III, Golf 1.6D, TD, Golf 1.8 versión I, II, III, Golf 1.8 16V, Golf GTI 1.8, 1.8i, 1.8 16V, Passat 1.6 TD, 1.8, 1.8 16V, 2.0, 2.0 16V, Transporter 2.0, 2.4 D.

**ZM 1-773**



**BOSCH**  
9330081049

12v. Arranque Bosch 9000082059.

**VOLKSWAGEN** Fox (01/94>).

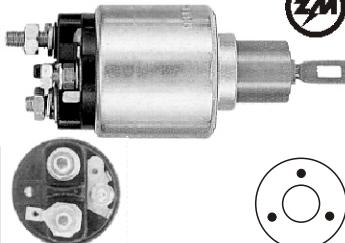


## Solenoides para Arranque

**ZM 2-773**

**BOSCH**  
9330081056

12v. Arranque Bosch 9000082068, 9000082070,...

**Bosch****LADA** Laika, Niva 1.5, 1.6 (02.93).
**ZM 775**

**BOSCH**  
0331303124  
0331303125  
0331303624  
9330081066

12v. Arranque Bosch 0001107015, 0001107044, 0001107066, 0001108018, 0001108053, ...

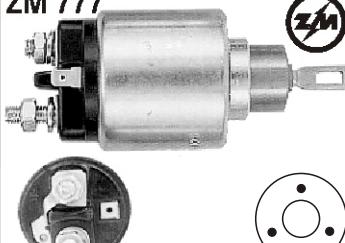
**BMW** Z1, 320i, 320i Touring, 325e, 325i, 325iX, 520i, 525e, 525i; **CHEVROLET** Corsa EFI, MPFI 1.0, 1.4, Corsa (3p, pick-up, 4p) EFI, MPFI 1.6, 1.6 16v, Vectra 1.8, 1.8i, 1.8S, 2.0 EFI, 2.0 GLS, 2.0 GLS, 2.0 GSI 16v (4/96=>), Omega (10/94=>), Astra 1.8i, 2.0i 16v; **OPEL** Kadett 1.8, 1.8i, 1.8i GSI, 1.8.

**ZM 2-775**

**BOSCH**  
F000SH0103  
F000SH0128

12v. Arranque Bosch F000AL0304, F000AL0314,...

**CHEVROLET** Corsa 1.6 EFI (08/98=>); **SUZUKI** Fun 1.0i (08/00>12/02), 1.0.

**ZM 777**

**BOSCH**  
0331303062  
0331303562

12v. Arranque Bosch 0001108143, 0001110003, 0001110026, 0001110089, 0001208100.

**RENAULT** 19, Clio 1.4, 1.4i, 1.6i, 1.8, 1.8i, 1.9 D, 2.0 16v, Express 1.4, 1.4i, 1.6D, 1.9 D, Laguna 1.8, 2.0, Megane 1.4i, 1.6i, 2.0i, 2.0 16v; **VOLVO** 340 1.6 D, 460, 480.

**ZM 1-777**

**BOSCH**  
2339303311

12v. Arranque Bosch 0001108182; Renault 7700106763.

**RENAULT** Clio 1.0i 8V, 1.6i 09/1999>, Express, Laguna, Mégane, Trafic, Scenic c/motor diesel.

**ZM 2-777**

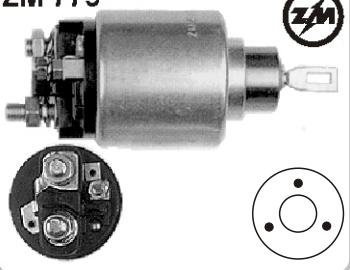
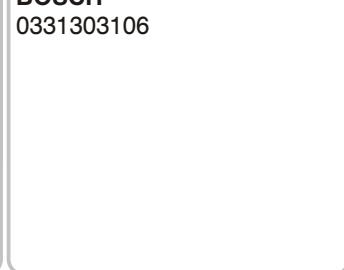
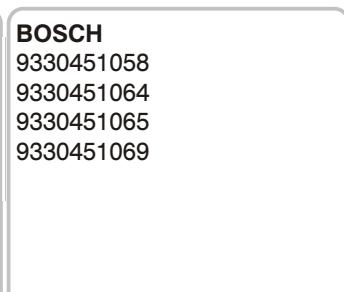
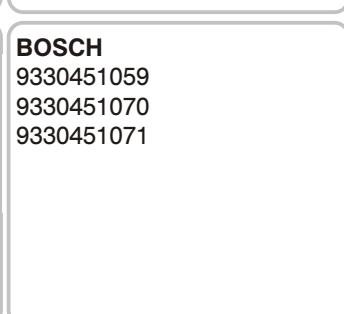
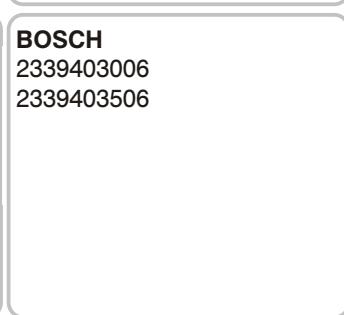
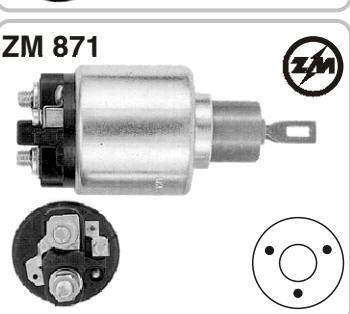
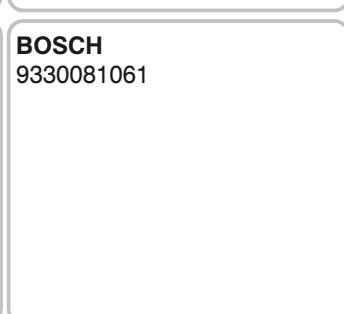
**BOSCH**  
0331303095

12v. Arranque Bosch 0001112007, 0001112032.

**SUZUKI** Samurai 1.3i (08/93>), Vitara 1.6 16v Cabrio (07/90>03/98).

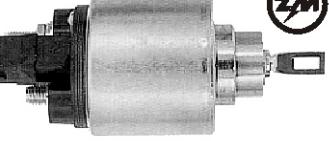


## Solenoides para Arranque

<b>ZM 779</b> 	<b>BOSCH</b> 0331303106 	12v. Arranque Bosch 0001108051, 0001108056. <b>Bosch</b> <b>RENAULT</b> Clio 1.4i, 1.6i, 1.8i, 1.9 D, 2.0 16v, Express 1.4, 1.6 D, 1.9 D, Kangoo 1.4i, 1.9 D, Laguna 1.8, 2.0, Mégane 1.6i, 2.0i, 2.0 16v.
<b>ZM 831</b> 	<b>BOSCH</b> 9330451058 9330451064 9330451065 9330451069 	12v. Arranque JE - Bosch 0001370001, 9000453029, 9000453065, 9000453066, 9000453067. <b>FORD NEW HOLLAND</b> motor HTA 7/8, motor TCP 7/8; <b>M. BENZ</b> 1625 (OM 449 A), 1630 (OM 49 LA), 1825 (OM 449 A), 2325 (OM 449 A); <b>VOLKSWAGEN</b> camiones 14.170, 14.210, 16.170, 16.210, 16.210H, 16.220H, 24.220.
<b>ZM 832</b> 	<b>BOSCH</b> 9330451059 9330451070 9330451071 	24v. Arranque JE - Bosch 9000453068. <b>M. BENZ</b> 1625 (OM 449 A), 1630 (OM 449 LA), 1825 (OM 449 A), 1935 (OM 447 LA), 1941 (OM 447 LA) and 2325 (OM 449 A) todos 24v. L 2635, OO400 R/RS/RSD/RSL/UP/UPA, OH 1635 L, OHL 1624 G.
<b>ZM 833</b> 	<b>BOSCH</b> 2339403006 2339403506 	24v. Arranque Bosch 9000453068, 0001371004,... <b>SCANIA</b> DS11 94A, 95A, 96A, 97A, DSC11 56A, 57A, 58A, DSI11 71A, 72A, K124 (08.97=>), P124 C (09.96=>), R124 G (11.95=>), T124 (02.97=>).
<b>ZM 835</b> 	<b>BOSCH</b> 2339403010 	24v. Arranque Bosch 0001372001, 0001372005,... <b>MERCEDES-BENZ</b> Camiones 1831, 1835, 1840, 1843, 1848, 1853, 2031, 2040, 2053, 2531, 2535, 2540, 2543, 2548, 2553, 2557, 2631, 2635, 2640, 2643, 2648, 2653, 2657, 3231, 3235, 3240, 3243, 3331, 3335, 3340, 3343, 3348, ('96=>).
<b>ZM 871</b> 	<b>BOSCH</b> 9330081061 	12v. Arranque Bosch 9000082072. <b>FIAT</b> Palio ED, EXD 97=>; <b>VOLKSWAGEN</b> Gol, Gol Country, Gacel, Saveiro, Senda.



## Solenoides para Arranque

ZM 872	  	BOSCH 9330081058	12v. Arranque Bosch 9000082036, 9000082063.  <b>CHEVROLET</b> Monza 1.6, 1.8, 2.0, Ipanema 1.8, Kadett 1.8, 2.0, pick-up S10, Blazer 2.2 EFI '95.	
ZM 873	  	BOSCH 0331303066 2339303239 9330081062	12v. Arranque Bosch 0001110017, 0001110999, 9000082062,...  <b>CITROËN</b> Berlingo 1.8D, 1.9D, BX 1.7 D, 1.9 D, C15 diesel, C25 1.8, 2.0, Evasion 1.9 D, 2.0, Jumper 1.9 D, 2.0 D, Visa 1.7 D, Xantia 1.9 D, TD, XM 2.1 D, TD, Xsara 1.9 D, TD, <b>FORD</b> Escort 1.8 Ghia, 1.8 XR3, Guarujá (AP 1.8), Verona GLX (1.8 AP) (06/89=>); <b>PEUGEOT</b> 205 diesel, 306 1.8, 1.9 D, TD, 405 1.8 D, 1.9 D, TD, 406 1.9 D, 2.0i, Turbo, Boxer 1.9 D, TD, 2.5 D, TD, Expert 1.9 D, TD, Partner 1.8 D, 1.9 D; <b>VOLKSWAGEN</b> Apollo 1.8 GL, GLS (AP) (04/90>)	
ZM 878	  	BOSCH 9330081065	12v. Arranque Bosch 9000081005, 9000081008, 9000082079, 9000082082, ...  <b>FIAT</b> Uno, Duna 1.5, 1.6, Tempra 16v, Tipo 1.6ie.	
ZM 879	  	BOSCH 9330081063	12v. Arranque Bosch 9000082069, 9000082077, F000ALO306.  <b>VOLKSWAGEN</b> Gol 1000, Kombi.	
ZM 971	  	BOSCH 9330081064	12v. Arranque Bosch 9000081006, 9000082064, 9000082076, 9000082078.  <b>FORD</b> ; <b>VOLKSWAGEN</b> Saveiro, Gol 1.6 diesel, Gol Mi 1.6, 1.8, 2.0, Gol 2.0 Gti, Gol Country Mi 1.6, 1.8, 2.0, Quantum Mi 1.8, 2.0.	
ZM 972	  	BOSCH 0331303147 2339303222 9330081068	12v. Arranque Bosch 0001107020, 0001107021, 0001107022, 0001112021, 0001112027, ...  <b>AUDI</b> A3 1.6, 1.6 T, A3 1.8, 1.8T (8/98=>); <b>SEAT</b> Cordoba 1.8i, 1.6i, 2.0, Ibiza 1.8i, 2.0, Inca 1.6i, Toledo 1.8i, 16V, 2.0i.e.; <b>VOLKSWAGEN</b> Golf GTi 2.0, Gol (96/97) 1.0 Mi/16v, Polo 2.0 diesel, Passat, Saveiro.	



## Solenoides para Arranque

**ZM 1-972**



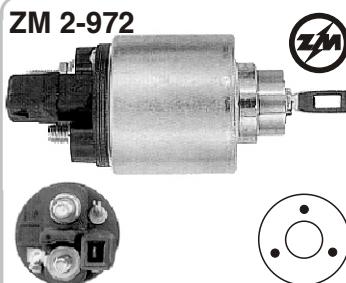
**BOSCH**  
9330081068  
F000SH0111  
F000SH0130

12v. Arranque Bosch 9000081010, F000AL0401.

**Bosch**

**VOLKSWAGEN** Gol 1.0 Mi, Gol/Country 1.0 Mi 16v (09/97>).

**ZM 2-972**



**BOSCH**  
F000SH0117  
F000SH0138

12v. Arranque Bosch F000AL0105, F000AL0107.

**NISSAN** Frontier 2.8.

**ZM 3-972**



**BOSCH**  
6033AD0025  
6033AD0026

12v. Arranque Bosch 6033AB1J00.

**MARCOPOLO** Volare c/motor MWM.

**ZM 973**



**BOSCH**  
0331303140  
0331303640

12v. Arranque Bosch 0001107027, 0001107028, 0001107029,  
0001108087, 0001108106, ...

**FORD** Escort 1.4, 1.4i, 1.6, 1.6i, Fiesta 1.4 c/ motor Zetec,  
Orion 1.4, 1.4i, 1.6, 1.6i, Sierra 1.6.

**ZM 1-973**



**BOSCH**  
F000SH0100  
F000SH0154

12v. Arranque Bosch F000AL0302.

**MERCEDES-BENZ** A 160 05/99>.

**ZM 2-973**



**BOSCH**  
F000SH0106  
F000SH0155

12v. Arranque Bosch F000AL0101.

**MERCEDES-BENZ** A 190 09/99>.



## Solenoides para Arranque

**ZM 3-973**



**BOSCH**

F000SH0112  
F000SH0116  
F000SH0148  
F000SH0149

12v. Arranque Bosch F000AL0103, F000AL0104.

**Bosch**

**CITROËN Xsara Picasso 2.0 16V 10/2000>;  
PEUGEOT 306 1.8i, 1.8i 16V 03/2000>, 405 1.8i 03/2000>.**

**ZM 4-973**



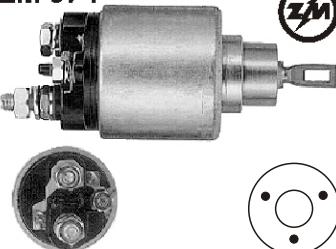
**BOSCH**

F000SH0122  
F000SH0151

12v. Arranque Bosch F010AL0101

**PEUGEOT 306, 405 - 1.9 diesel, 10/99>**

**ZM 974**



**BOSCH**

9330081067

12v. Arranque Bosch 9000081009, F000AL0300, F000AL0303,  
F000AL0305, F010AL0301.

**FIAT Palio 1.0, 1.6, 1.5, 1.5 Weekend, Siena.**

**ZM 1-974**



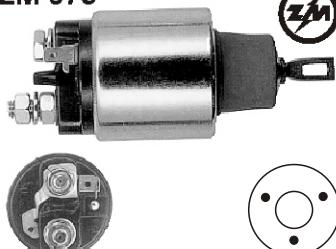
**BOSCH**

F000SH0109  
F000SH0127

12v. Arranque Bosch F000AL0309, F000AL0310.

**FIAT c/motor Fire.**

**ZM 975**



**BOSCH**

9330331006

12v. Arranque Bosch 0001218168, 9000331432,  
9000331433.

**CHEVROLET S10, Blazer 2.5;  
FORD F100 c/motor MAXION;  
M. BENZ Sprinter 310 D (OM 014A) (09/96=>).**

**ZM 976**



**BOSCH**

0331303165

12v. Arranque Bosch 0001218152.

**LAND ROVER 110 2.5 diesel (84>90), 90 2.5 diesel (84>90),  
Defender 2.5 diesel (08/90>).**



## Solenoides para Arranque

**ZM 1-976**



**BOSCH**

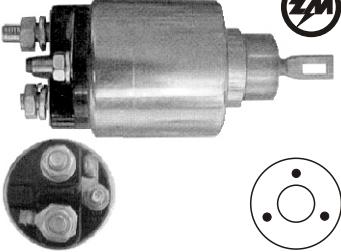
9330331013  
9330331513

12v. Arranque Bosch 0001218174.

**Bosch**

IVECO Daily 10 (11/97).

**ZM 977**



**BOSCH**

0331303144

12v. Arranque Bosch 0001218159.

FIAT Ducato 2.8 D, TD 03/94>.

**ZM 978**



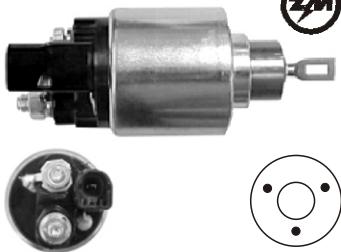
**BOSCH**

2339303202  
2339303294  
2339303306  
F000SH0107  
F000SH0152

12v. Arranque Bosch 0001107030, 0001107075,  
F000AL0108.

TOYOTA Carina, Corolla 1.8i 16V (08/98>06/02), 2.0 diesel.

**ZM 1-978**



**BOSCH**

F000SH0118  
F000SH0153  
F000SH0118  
F000SH0153

12v. Arranque Bosch F000AL0106.

TOYOTA Corolla 1.8i 16v (02/99>).

**ZM 352**



**DELCO REMY**

1115689

12v. Tubo de latón.

Arranque D. Remy 10478806, 10478831,  
10479036, 10479068,...

CLARK;

CUMMINS - motores diesel;

FORD - c/motor Cummins serie "C" 6.0;

INTERNATIONAL HARVESTER; LISTER;

PERKINS - motores diesel;

VOLKSWAGEN - c/motor Cummins serie "C" 6.0.

**Delco Remy**



## Solenoides para Arranque

**ZM 7-352**



**DELCO REMY**

1115689

12v. Tubo de acero inoxidable.  
Arranques D. Remy 10478806,  
10478831, 10479036,...

**CLARK;**  
**CUMMINS** - motores diesel;  
**FORD** - c/motor Cummins serie "C" 6.0;  
**INTERNATIONAL HARVESTER;**  
**LISTER; PERKINS** - motores diesel;  
**VOLKSWAGEN** - c/motor Cummins serie "C" 6.0.

**Delco Remy**

**ZM 353**



**DELCO REMY**

12v. Arranque D. Remy 1990347, 1993767, 1993854.

**FORD** - camiones 6.6, 7.8 diesel.

**ZM 7-353**



**DELCO REMY**

12v. Arranques D. Remy DD serie 37MT, 41MT: 1990347,  
1993767, 1993854,...

**FORD** - camiones 6.6, 7.8 diesel

**ZM 356**



**DELCO REMY**

10511209  
1115645  
1115664  
1115701  
1115712

12v. Tubo de latón. Arranques Delco Remy DD serie 42MT

**CATERPILLAR;**  
**CLARK;**  
**CUMMINS;**  
**HYSTER; INTERNATIONAL;**  
**JOHN DEERE; MASSEY FERGUSON;**  
**PERKINS.**

**ZM 7-356**



**DELCO REMY**

10511209  
1115645  
1115664  
1115701  
1115712

12v. Tubo de acero. Arranques D. Remy 42 MT serie DD  
10478801, 10478802, 10478803,...

**ZM 360**



**DELCO REMY**

1115675  
1115677

24v. Tubo de bronce y pistón fijo.  
Arranques D. Remy 37 MT Serie DD: 10478814, 10478819,...

**MERCEDES-BENZ** 1362 L, 1632 L, 1634 LS, 1938 L, LS, S,  
1944 L, 2638 , LK, LS, O400 RSD, SRE (>06/'02), OF1722,  
OH1628 L;  
**VOLKSWAGEN** 18.310 Titan Tractor.



## Solenoides para Arranque

**ZM 7-360**



**DELCO REMY**

1115675  
1115677

24v. Tubo de acero inox.

Arranques D. Remy 37 MT Series DD:  
10478814, 10478819, 10479196, 10479302,...

**Delco Remy**

**ZM 361**



**DELCO REMY**

1115667  
1115668  
1115673

24v. Tubo de latón. Arranques D. Remy 37 MT Serie DD:  
10478814, 10478819,...

**CASE;**  
**CATERPILLAR;**  
**CLARK;**  
**CUMMINS;**  
**FIAT ALLIS** - motoniveladora;  
**INGERSOLL RAND;**  
**TEREX.**

**ZM 7-361**



**DELCO REMY**

1115667  
1115668  
1115673

24v. Tubo de acero inox. Arranques D. Remy 42 MT serie DD  
10478820, 10478839, 10478898, 10478980,...

**CASE;**  
**CATERPILLAR;**  
**CLARK;**  
**CUMMINS;**  
**FIAT ALLIS.**

**ZM 362**



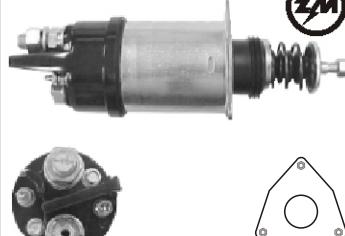
**DELCO REMY**

1115683

24v. Arranque D. Remy 10479009, 10479010, 10479178.

**CASE 180;**  
**CATERPILLAR;**  
**CLARK;**  
**CUMMINS;**  
**FIAT ALLIS.**

**ZM 1-362**



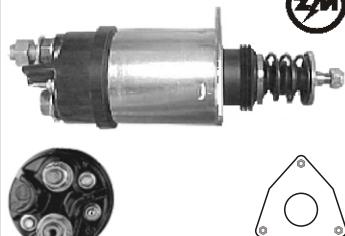
**DELCO REMY**

1115682

24v. Arranque D. Remy 10478961, 10478969, 10479013,  
10479172,...

**CATERPILLAR** Carregadeira 938F, Excavator 322 L '93>'96;  
**MERCEDES-BENZ** 1632, 1634, 1938 '02>, 1944, 2638, OF 1722,  
OH 1628L, Plataforma O 400 RSD, O 400 SRE '02>.

**ZM 7-365**



**DELCO REMY**

10501216  
1115698  
1115702  
1115705

24v. Tubo de acero inoxidable, c/ pistón.  
Arranques Delco DD serie 41 MT 10478812, 10478818, 10479165.

**CATERPILLAR** MT 875 cosechadora  
**MASSEY FERGUSON** 2360 tractor c/motor Cummins



## Solenoides para Arranque

**ZM 369**



**DELCO REMY**

1115672  
1115678  
1115682

24v. Tubo de bronce. Arranques D. Remy 41 MT Series DD  
10479292, 10479310.

**Delco Remy**

**ZM 7-369**



**DELCO REMY**

1115678  
1115682

24v. Tubo de acero inoxidable. Arranques Delco 41 MT Series DD.

**MERCEDES-BENZ** 1362 L, 1632 L, 1634 LS, 1938 L, LS, S, 1944 L, 2638 , LK, LS, O400 RSD, SRE (06/'02>09/'04), OF1722, OH1628 L.

**ZM 450**



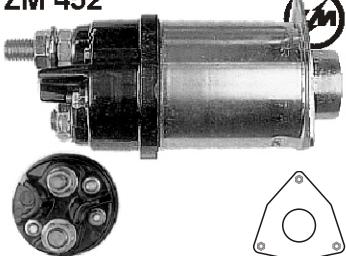
**DELCO REMY**

1115589  
1985280

12v. Arranque D. Remy serie 37MT 1990311, 1990312, 1990318, 1990321, 1990322, ...

**PERKINS** motores diesel;  
**TOYOTA** pick-up, Célica, Corona, Land Cruiser.

**ZM 452**



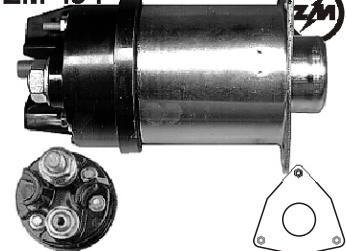
**DELCO REMY**

1115609  
D904A  
**FORD**  
E7HZ11390B  
**MOTORCRAFT**  
SW2157

12v. Arranque D. Remy serie 37MT 10478806, 10478831, 10479036, 10479068, 1990309, 1990310, ...

**CLARK** maquinarias;  
**CUMMINS** motores diesel;  
**FORD** Cargo;  
**PERKINS** motores diesel.

**ZM 454**



**DELCO REMY**

1115612

12v. Arranque D. Remy DD serie 37MT 1993790, 1993791, 1993792, 1993793, 1993799, 1993818.

**M. BENZ** 240 D, 300.

**ZM 456**



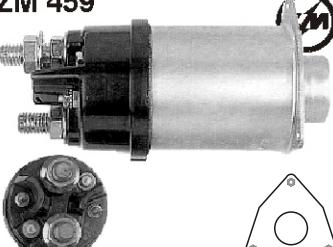
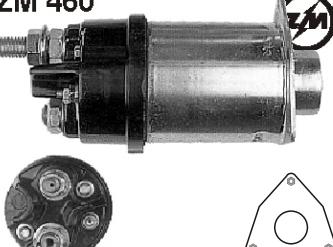
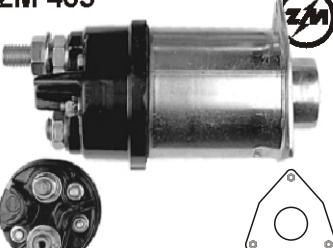
**DELCO REMY**

1115593  
**FORD**  
E6HZ11390B

12v. Arranque D. Remy DD serie 42MT 10478801, 10478802, 10478803, 10478804, 10478810, ...

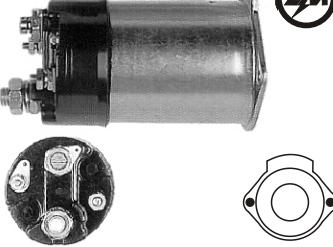
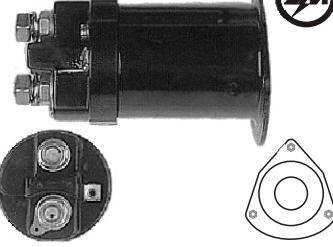
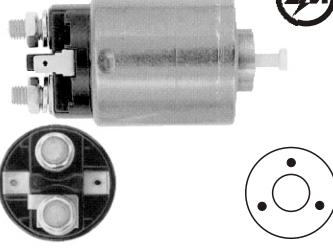


## Solenoides para Arranque

ZM 457	 	DELCO REMY 1115598	12v. Tubo de latón. Arranques D. Remy 42MT 10478918, 10478965, 10478977, ...  CATERPILLAR; CHEVROLET camiones; CUMMINS.	Delco Remy
ZM 459	 	DELCO REMY 1115594 1115625	24v. Arranque D. Remy serie 37MT 1990330, 1990331, 1990332, 1990499, 1993701, ...  CASE; CATERPILLAR; CUMMINS motores diesel.	
ZM 460	 	DELCO REMY 1115619 1115621 D915A	24v. Arranque D. Remy DD serie 37MT 10478814, 10478819, 1993901, 1993902, ...  M. BENZ 1938 c/ inyección electr.	
ZM 2-460	 	DELCO REMY 1115622 1115627 D916A D921A	24v. Arranque D. Remy DD 37MT Series 10478811, 10478819 , 10478960, 10478976, ...  CATERPILLAR.	
ZM 461	 	DELCO REMY 1115595 1115601 1115608	24v. Arranque D. Remy 42MT 10478820, 10478839, 10478980, 10478981, ...  CASE; CATERPILLAR.	
ZM 465	 	DELCO REMY 1115638 1115639	12v. Arranques D. Remy MT Series DD 10478812, 10478818,...  CATERPILLAR; CUMMINS; INTERNATIONAL.	



## Solenoides para Arranque

ZM 467	 	DELCO REMY 1115617 D924A	12v. Tubo de latón. Arranques D. Remy serie 37MT 1993866, 1993971.	Delco Remy
ZM 494	 	GENERAL MOTORS 93297294	12v. Tubo de latón. Arranques General Motors 93260358, 93264950.  <b>CHEVROLET</b> Corsa 1.0L MPFI, 1.0L MPFI VHC - (2002>)	
ZM 551	 	DELCO REMY 1114256 1114257 1114356 1114458 1119798 1119910	12v. Arranque D. Remy 5MT, 10MT, 20MT, 25MT, 27MT.  <b>CASE;</b> <b>CHEVROLET</b> Apache; <b>JEEP;</b> <b>JOHN DEERE;</b> <b>MASSEY FERGUSON.</b>	
ZM 555	 	DELCO REMY 3471725 DR904	12v. Arranque D. Remy 3471155, 3471169.  <b>CHEVROLET</b> Astra 1.6, 1.8i, 1.8 GTE, 2.0i, 16V; <b>OPEL</b> Ascona, Manta, Kadett, Omega, Rekord.	
ZM 3-698	 	DELCO REMY 10455505	12v.  <b>ASIA</b> Towner.	
ZM 805	 	DELCO REMY 10457055	12v. Arranque D. Remy OSGR serie 28MT 10479604, 10479619, 10479621, 1113273, 1113274.  <b>CLARK;</b> <b>CUMMINS;</b> <b>DEUTZ;</b> <b>FORD NEW HOLLAND;</b> <b>ICH;</b> <b>MACK;</b> <b>MASSEY FERGUSON;</b> <b>PERKINS.</b>	



## Solenoides para Arranque

**ZM 806**



**DELCO REMY**

10456454

12v. Arranque D. Remy OSGR serie  
28MT 1113269, 1113270, 1113295,  
1113296.

**Delco Remy**

**ZM 807**



**DELCO REMY**

10457232

12v. Arranques Delco 28MT serie OSGR 10479634.

**FORD** - camiones

**ZM 808**



**DELCO REMY**

10457061

12v. Arranque D. Remy 28MT 10479613.

**ZM 810**



**DELCO REMY**

10457116

24v. Arranque Delco OSGR 28MT 10479605, 10479612, 1113277,  
1113291.

**CUMMINS;**  
**MACK.**

**ZM 811**



**DELCO REMY**

10457152

24v. Arranque Delco 28MT 10479600, 10479608, 10479616,  
1113272.

**ZM 813**



**DELCO REMY**

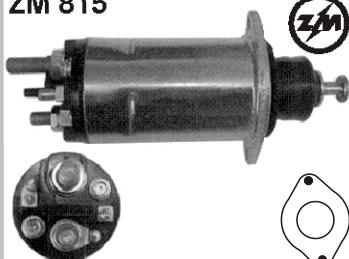
10457123

24v. Arranques Delco 28MT serie OSGR.



## Solenoides para Arranque

**ZM 815**



**DELCO REMY**

10457368

**MERCEDES-BENZ**

0011523610

12v. Arranque D. Remy 28 MT 10479626;  
M. Benz A005 151 22 01.

**Delco Remy**

**M. BENZ** 712, 912, 914, 1215, 1417, 1625, 1628, 1632, 1721,  
1725, 2423.

**ZM 817**



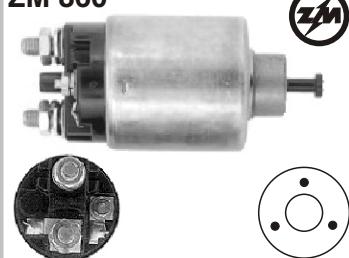
**DELCO REMY**

10484660

12v. Arranques Delco Remy serie 28MT 10479645.

**MERCEDES-BENZ.**

**ZM 860**



**DELCO REMY**

10475646

10475654

12v. Arranque D. Remy PG 260 serie PMGR 24506694, 9000786,  
9000798, 9000805, 9000806, ...

**CADILLAC** Commercial;  
**CHEVROLET** Blazer, Camaro, Caprice, Suburban, Impala V8;  
**GMC** camiones;  
**ISUZU**;  
**PONTIAC**.

**ZM 2-860**



**DELCO REMY**

1114597

1114607

PG260D

12v. Arranque D. Remy 9000890, 9000891, 9000893, 9000894,...

**CHEVROLET** - c/motor 1.8, 2.0, 2.2, 2.4 8V, y familia II c/motor 2.0,  
2.2, e 2.4 - 16V, Astra ('99>2002), Blazer, Corsa Nuevo (02/2002),  
Meriva c/motor 1.8 8V SOHC, 1.8 16V, S10 ('96), Vectra ('97>2006),  
Zafira;

**FIAT** Palio, Stilo 1.8 8V, 1.8 16V, Strada 1.8, 1.8 16V.

**ZM 861**



**DELCO REMY**

1114578

1114582

1114584, ...

12v. Arranque D. Remy PMGR series PG 200, PG 250: 10455010,  
10455011, 10455012, 10455013, ...

**CADILLAC**;  
**CHEVROLET** Silverado;  
**GMC**;  
**ISUZU**;  
**PONTIAC**.

**ZM 862**



**DELCO REMY**

1114580

1114581

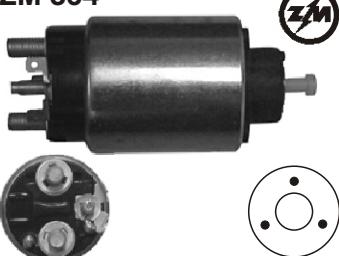
12v. C/ relé terminal

**CHEVROLET** Lumina;  
**ISUZU** diesel.



## Solenoides para Arranque

**ZM 864**



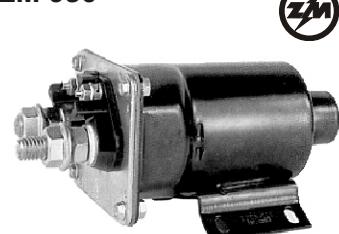
**DELCO REMY**

10482844

12v. Arranques Delco Remy PMGR serie PG 150S 21020761, 21020761, 9000794.

**Delco Remy**

**ZM 950**



**DELCO REMY**

1115557

1115559

24v. Arranque D. Remy DD serie 40MT, 50MT 1109222, 1109285, 1109292, 1109294/296/299/493, ...

**CATERPILLAR** Motoniveladora.

**ZM 951**



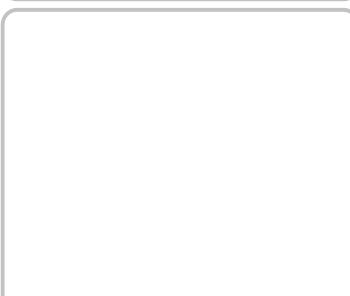
**DELCO REMY**

1115502

1115556

12v. Arranque D. Remy DD serie 40MT, 50MT 10478813/877/881/910, 1109295/545/554, ...

**CATERPILLAR;**  
**CASE;**  
**CUMMINS.**



**ZM 1-760**



**FORD**

E90Z11390A

E90Z11390B

E9OZ11390B

F02Z11390A

F3VY11390A

F3VY11390B,...

12v. Arranque Ford PMGR D17U11000AB, E90Y11002A, E90Y11002B, E9OY11002A, E9OY11002B,...

**Ford**

**FORD** - Camiones y pickups serie F, Bronco, Escort, Explorer, Mercury, Ford Ranger, Serie E.



**FORD**

E90Z11390A

F2VU11390AA

F4DZ11390A

**MOTORCRAFT**

SW2188

SW2207

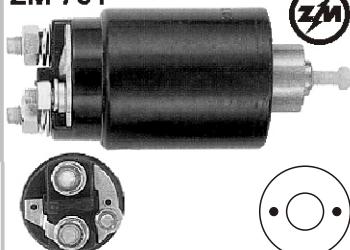
SW2245

12v. Arranque Ford PMGR E90F11000AA, E90F11000BA, E90Y11002A, E90Y11002B, E9SF11000AA, ...

**FORD** Escort, Explorer, Ranger pickup; **MAZDA.**



## Solenoides para Arranque

**ZM 761**

**FORD**

F3RZ11390A  
F3RZ11390B

**MOTORCRAFT**  
SW2506  
SW2507

12v. Arranque Ford PMGR 96BB-11000-AB,  
97VB-11000-A, 97VB-11000-B, F3RZ-11002-A,  
F3RZ-11002-B, ...

**Ford**
**ZM 1-761**

**FORD**

F3RZ11390A  
F3RZ11390B

**MOTORCRAFT**  
SW2506  
SW2507

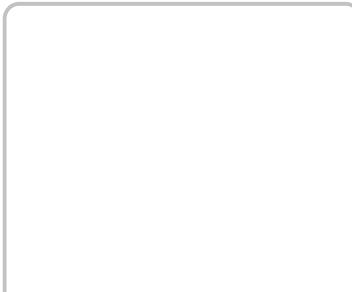
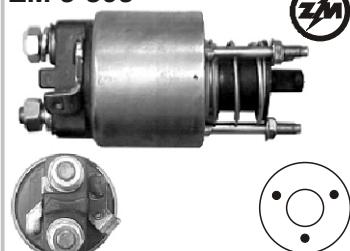
12v. Igual a ZM 761 pero c/ pernos de contacto estañados.  
Arranque Ford PMGR 96BB-11000-AB, 97VB-11000-A,  
97VB-11000-B, F3RZ-11002-A, F3RZ-11002-B, ...

**FORD** Mercury Mystique, Fiesta 1.3 (1996>1999), Ranger 2.5L Diesel, Escort 1.8 L, Escort 16v (1997>2002) (Zetec), Ka 1.0, 1.3, Focus 1.8, 2.0, Mondeo 16v 2.0 (1997-1998), (Zetec);  
**MAZDA.**
**ZM 766**

**FORD**

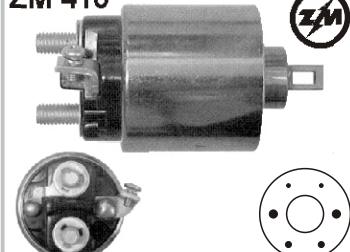
XG11390908813

12v. Arranque Ford 1C3U11000AA, 1C3U11000AB,  
1C3U11000AE, ...

**FORD** pickup serie F 6.0L, 7.3L (Power Stroke Diesel),  
Excursion (2001=>2003).

**ZM 5-395**

**HITACHI**

12v. Arranque Hitachi S114-829, S114-829B,  
S114829, ...

**Hitachi**
**CHEVROLET** Astra 1.7 TDi 16V, Corsa 1.7 TDi 16V, Meriva 1.7 TDi 16V, Zafira 1.7 TDi 16V.

**ZM 410**

**HITACHI**

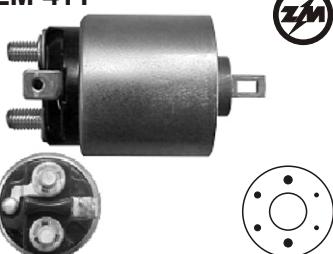
211437613  
211497612

12v. Arranque Hitachi S114-850.

**CHEVROLET** Combo 1.7 D '07/97>, Corsa 1.7 D '04/96>.



## Solenoides para Arranque

**ZM 411**

**HITACHI**  
211427613

12v. Arranque Hitachi S114808.

**Hitachi****CHEVROLET** Astra 1.7 TD (>04/96), Vectra 1.7 TD (>09/95).
**ZM 581**

**HITACHI**  
211457001  
**HONDA**  
31204634005  
**NISSAN**  
23343N3300  
23343N3301

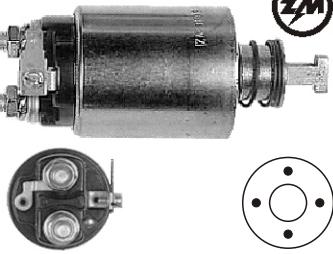
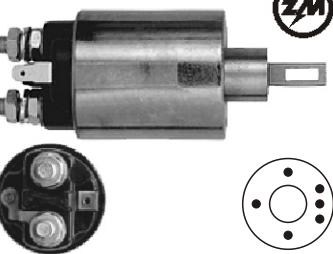
12v. Similar al ZM 680 pero c/ pistón.

Arranque Hitachi S108-85, S108-86, S108-91,  
S114-170B, S114-180, S114-254A.**HONDA:****NISSAN** Bluebird 160 B, 180 B, 1400, 1600, 1.6, 1.8, Maxima 2.0,  
Patrol 2.8, Sunny 1600.
**ZM 582**

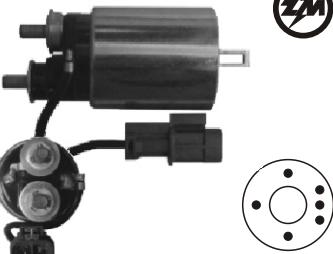
**HITACHI**  
211477004  
**NISSAN**  
23343H5000

12v. Similar al ZM 681 pero c/ pistón.

Arranque Hitachi S13-47, S13-50, S13-64, S13-69.

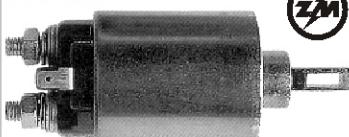
**NISSAN** F10, 310, 210, pickup diesel 720, D21, Maxima.
**ZM 583**

**HITACHI**  
212057002  
**NISSAN**  
2334337506  
23343G7002
12v. Arranque Hitachi S12-63, S12-63A, S12-63B, S12-63C,  
S12-68A, S12-68B.**NISSAN** pickup diesel 720, King Cap 2.3 D, 2.5 D (01.83>'86),  
Urvan 2.3 D (04.82>08.87).
**ZM 584**

**KAWASAKI**  
3166128320A

12v. Arranque Hitachi S10863, S10876, S10876A.

**HONDA** Accord 1600 (05.76>10.78), Civic 1200 (07.72>08.79),  
1300 (06.78>08.83), 1500 (07.69>08.79)**JOHN DEERE;**  
**KAWASAKI.**
**ZM 1-585**

**HITACHI**  
211457506
12v. Arranques Hitachi S114430A, S114430B,  
S114439, S114439A.**NISSAN** Maxima 3.0 L (1985=>1988)



## Solenoides para Arranque

**ZM 680**

**HITACHI**

211457001

**HONDA**

31204634005

**NISSAN**

23343N3301

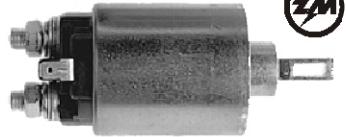


12v. Similar al ZM 581 pero sin pistón.

Arranque Hitachi S108-85, S108-86, S108-91, S114-170B, S114-180, S114-254A.

**Hitachi**
**HONDA;**

NISSAN Bluebird 160 B, 180 B, 1400, 1600, 1.6, 1.8, Maxima 2.0, Patrol 2.8, Sunny 1600.

**ZM 681**

**HITACHI**

211477004

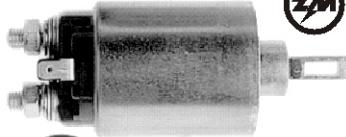
23343H5000



12v. Similar a ZM 582 pero sin resorte p/pistón.

Arranque Hitachi S1347, S1350, S1364, S1369.

NISSAN 720 pickup, D21 pickup, Maxima.

**ZM 682**

**HITACHI**

211417005

211417505

211437505

211437602

211457508

**NISSAN**

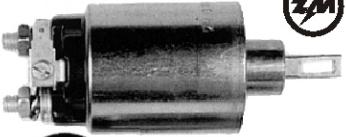
2334304E00

2334304E01



12v. Arranque Hitachi S114-252A, S114-253A, S114-254B, S114-255A, S114-258A, ...

NISSAN Axxess, Bluebird 1.6, 2.0, 2.0i LX, 2.0i GL, King Cap 2.4, Maxima 2.0, Patrol 2.8, Pulsar, Sentra, Urvan 2.0, 200SX, 300ZX.

**ZM 683**

**HITACHI**

211417006

**HONDA**

31204634671

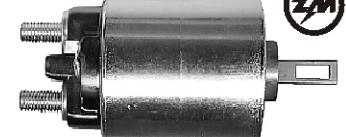
**NISSAN**

23343C0600



12v. Arranque Hitachi S114-184, S114-202, S114-202A, S114-247A, S114-247C, ...

**CHEVROLET** Luv, Blazer;  
**GMC** camiones;  
**HONDA** Civic;  
**ISUZU** Trooper;  
**NISSAN**.

**ZM 684**

**HITACHI**

211417006

211427001

211437003

211467006

**HONDA**

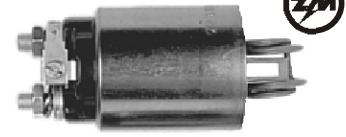
31204634670

31204634671



12v. Arranque Hitachi S114-184, S114-202, S114-202A, S114-247A, S114-247C, ...

**CHEVROLET** Luv pickup, Blazer ;  
**HONDA** Civic;  
**ISUZU**;  
**NISSAN**.

**ZM 1-684**

**HITACHI**

211417006

211427001



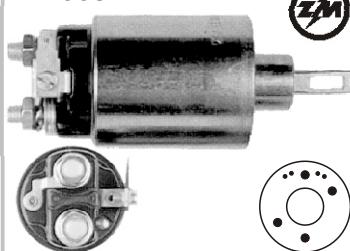
12v. Arranques Hitachi S114184, S114202, S114202A, S114247A, ...

**CHEVROLET** Blazer, Luv;  
**DAEWOO** Espero '95>99, Lanos '97, Nubira '97;  
**ISUZU** pickup, Trooper '85>91;  
**NISSAN**.



## Solenoides para Arranque

**ZM 685**



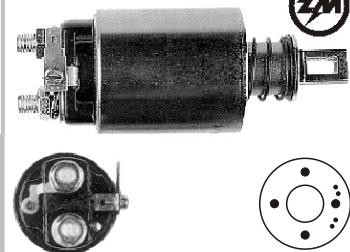
**HITACHI**

211437504  
211447009  
**NISSAN**  
23343H9100

12v. Arranque Hitachi S114-252, S114-252A,  
S114-252C, S114-252E, S114-252F, ...

**Hitachi**

**ZM 686**



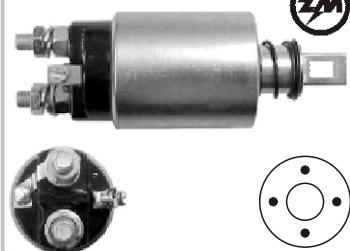
**HITACHI**

21306700  
**ISUZU**  
5811510290  
**NISSAN**  
2334361504  
23343G7001

12v. Arranque Hitachi S12-06, S12-28, S12-46, S12-46A, ...

**CHEVROLET** Luv, Blazer naftera y diesel;  
**ISUZU** Trooper diesel;  
**NISSAN** 720 diesel pickup.

**ZM 2-689**



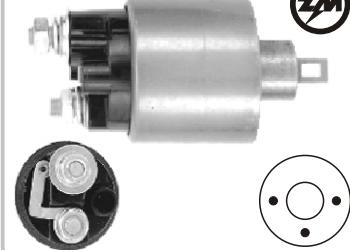
**HITACHI**

213057004  
225037001  
225047002  
225097003

24v. Arranque Hitachi S25142A.

**ISUZU** ELF 150, 250;  
**NISSAN** - UD N1630, CMA87, CM80, CM85, CM87, CM90, RM80,  
RM90, Caball, Clipper, Civilian, Excavator Ex60.

**ZM 712**



**HITACHI**

211437606  
211447503  
211447505  
211487503

12v. Arranque Hitachi S114388D, S114396, S114396D.

**HONDA** Civic 1.5 CRX  
**ROVER** 213.

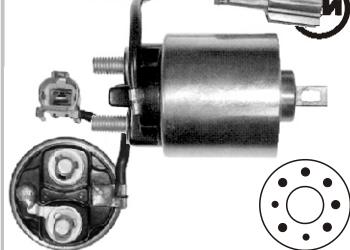
**ZM 717**



12v. Arranque Hitachi S114-753, S114-753C.

**ISUZU** Trooper 3.2L, Acura SLX.

**ZM 1-717**



**HITACHI**

211457606

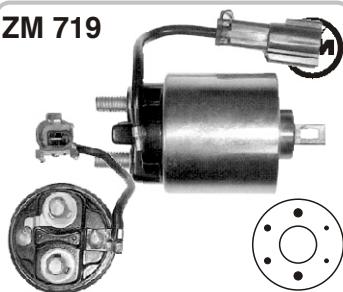
12v. Arranque Hitachi S114-528, S114-528A; Lester 17196.

**NISSAN** Pathfinder 3.0L, Terrano 3.0 V6



## Solenoides para Arranque

**ZM 719**



**HITACHI**  
211447612  
**NISSAN**  
2334331000

12v. Arranque Hitachi S114-801A, S114-801B,  
S114-801C.

**Hitachi**

**ZM 1-719**

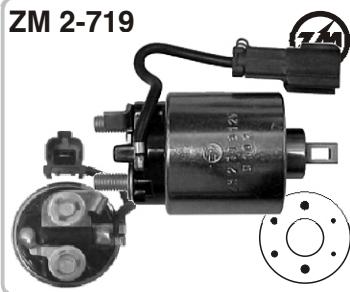


**HITACHI**  
211487603  
**NISSAN**  
211487603

12v. Arranque Hitachi S114-461A, S114-520B, S114-534,  
S114-767, S114-802A, S114-862A.

**NISSAN** Maxima 3.0i (10/88>), Primera 1.6 (05/93>), Sunny 1.4i,  
1.6i (11/90>).

**ZM 2-719**



**HITACHI**

12v. Arranque Hitachi S114-701A, S114-701C, S114-806A,...

**NISSAN** 100 NX, 200 NX, 200 SX 2.0L (00/95>00/98),  
Primera 2.0 (04/96>), Sentra 2.0L (00/91>00/94), 1.8L, 2.0L  
(00/98>00/01).

**ZM 780**

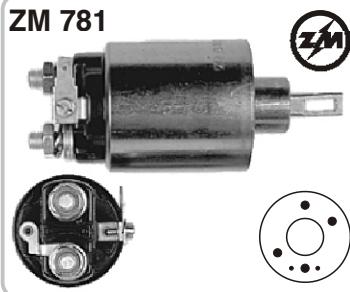


**HITACHI**  
211477007

12v. Arranque Hitachi S1362, S1362A, S1362B, S1362C,...

**BEDFORD** - Midi 2.0;  
**ISUZU** - Cargo 2.1.

**ZM 781**



**HITACHI**  
213027003  
213077001

12v. Arranque Hitachi S114429, S1371, S1375, S1382A,...

**ISUZU** KBD 26 2.0 diesel (81>85), 27 2.3 diesel (85>88),  
NKR 2.9 diesel (00/85>), Trooper.

**ZM 1-782**



**HITACHI**  
211437005

12v. Arranque Hitachi S114-295, S114-352, S114-370, S114-427.

**ISUZU**;  
**JOHN DEERE**;  
**NISSAN** Bluebird 1600, 1.6, 1.8, King Cap 2.0, 2.2, 280 ZX.



## Solenoides para Arranque

**ZM 784**

**HITACHI**

 211457504  
 211487004  
 211497004  
 211497503

12v. Arranque Hitachi S114146, S114170, S114170E, S114172A, ...

**Hitachi**
**ZM 1-784**

**HITACHI**

 211457504  
 211487004  
 211497004  
 211497503

 12v. Con resorte para pistón. Similar a ZM 784  
 Arranque Hitachi S114146, S114170, S114170E, ...

**MASSEY-FERGUSON:**  
 NISSAN Bluebird 160B, 180B, 1400, 1600, 1.6, 1.8, Cabstar 1.6, 2.0, Pick-up King Cap 1.8, Patrol, Sunny 1600, Vanette 2.0;  
**RENAULT;**  
**YANMAR.**
**ZM 980**

**HITACHI**

12v. Arranque Hitachi S13104.

NISSAN B-2300 Pick-up Diesel (09.85=&gt;10.87), B-2500 Pick-up Diesel (09.85=&gt;10.87), King Cap, Cabstar.

**ZM 981**

**HITACHI**

22405700

24v. Arranque Hitachi S2403C, S2407, S2503A, S25161, ...

**ISUZU** NKR 3.3 D (07.85=>), NPR 3.3 D (07.85=>), TLD 2.8 D (00.83=>07.85).

**ZM 1-981**

**HITACHI**

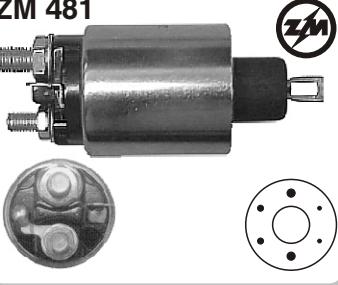
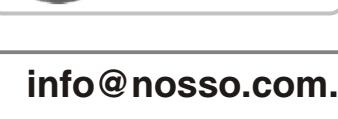
 213067005  
 213077005  
 213097008  
 2334302N00  
 2334343400  
 2334343G00

12v. Arranque Hitachi 213067005, 213077005, 213097008, ...

NISSAN Cabstar 1500 2.3D (02.87=&gt;02/89), 2.3TD (10.86=&gt;), 2.5TD (10.86=&gt;) Capstar 1500 Cold Climate (10.88=&gt;), 2.7 TD (10.86=&gt;), Terrano 2.7TD (08.86=&gt;), 2.3TD (11.86=&gt;03.89), 2.5D (12.88=&gt;), D21, Urvan, Terrano.



## Solenoides para Arranque

ZM 471	  	INDIEL 35640540 35640550 35640590 35640660 35640670	12v. Arranque Indiel 35257510, 35257810, 35257850, 35257990, 35258060, 35258180, ...  <b>FIAT</b> 128, Uno, Fiorino, Pick-up (c/ motor Tipo 1.4, 1.6), 147, Spazio, Vivace, Regatta, Duna; <b>FORD</b> Escort Guaruja 1.6 c/ motor CHT, Sierra 2.3 desde '89; <b>PEUGEOT</b> 505, 504 berlina y pick-up; <b>RENAULT</b> R9, R12, R18, R19, R21, Fuego 2.0., 21 2.2, Trafic T352, TA52; <b>VOLKSWAGEN</b> Gacel c/ motor Audi 827 1.8, Gacel, Senda, Gol c/ motor Audi 827 1.6, Carat c/ motor Audi 827 1.8 y 2.0, Gol, Saveiro c/ motor 1.6, Quantum.	Indiel
ZM 1-471	  	INDIEL 35640700	12v. Arranque Indiel tipo M93: 35258380, 35259740, ...  <b>RENAULT</b> 19 c/motor CL3 1.6, R19 RN.	
ZM 480	  	INDIEL 35640770	12v. Arranque Lucas 35258660.  <b>FORD</b> F-100; <b>M. BENZ</b> Sprinter c/ motor Maxion	
ZM 481	  	INDIEL 35640840	12v. Arranque Indiel M93R 12v 3kw 35258540.  <b>CHEVROLET</b> Silverado S4 diesel c/ motor MAXION.	
ZM 482	  	INDIEL 230810 35640810	12v. Arranque Indiel 35258580, 35258910.  <b>CHEVROLET</b> Blazer (Gran Blazer), D20 c/ motor MWM Sprint 6 cil 4.2L, Silverado c/ motor MWM Sprint 6 cil 4.2L; <b>FORD</b> F-100 c/motor MWM 6 cil.; <b>MWM</b> - Motor Sprint 6 cil 4.2L.	
ZM 1-482	  	INDIEL 35640995 35641160 K01351	12v. Arranque Indiel 35259870, 35259880, 35261120.  <b>CUMMINS</b> 6BTAA 5.9L <b>FORD</b> Cargo 1217 c/motor Cummins 6BT 5.9L, 1417 c/motor Cummins 6BTAA 5.9L, 1421 c/motor Cummins 6BTAA 5.9L, 1617 c/motor Cummins 6BTAA 5.9L, 1621 c/motor Cummins 6BTAA 5.9L, 815 c/motor Cummins 4BT 3.9L, 815VUC, F-12000, F-14000; <b>VOLKSWAGEN</b> - camiones.	

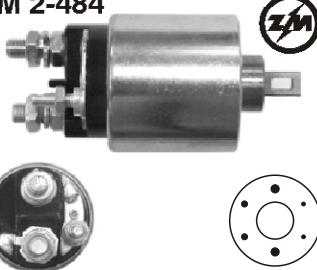


## Solenoides para Arranque

ZM 2-482		INDIEL 35641025 K01352	12v. Arranque Indiel 35259890.  <b>FORD</b> F-250 c/motor MWM HS 6CYL 4.2L, MWM Sprint 6.07 TCA 4.2L, P131 camión c/motor MWM HS 6CYL 4.2L.	Indiel
ZM 3-482		INDIEL 230860 35640860 K01338	12v. Arranque Indiel 35258640, 35259060, 35259250,... <b>AUDI</b> A3 1.6, 1.8T; <b>Ford</b> Galaxy c/motor 2.0L; <b>SEAT</b> Alhambra 2.0, Cordoba 1.6, 1.8 - ('94-'97), 1.9 D,TD, 2.0, Ibiza 1.8 =>93-96, 1.8 16V =>94-97, 1.9 D,TD =>93-94, 2.0 =>93-99, Ibiza III 1.8L GTI 16V =>93, 2.0L GTI, Inca, Toledo 1.6, 1.8, 2.0, 1.9D; <b>SKODA</b> Octavia 1.6 c/motor AEH 74KW =>97; <b>VOLKSWAGEN</b> Caddy 1.6 '95>97, Golf III, Passat, Polo diesel, Classic 1.6 Mi, 1.8 Mi (AP), Sharan, Vento.	
ZM 483		INDIEL K01363	24v. Arranque Indiel 35259770, 35259780, 35661900.  <b>AGRALE</b> ; <b>FORD</b> - camiones; <b>IVECO</b> ; <b>VOLKSWAGEN</b> - camión c/motor Cummins <b>VOLVO</b> VM 17, VM23 - c/motor MWM X10 & serie 229.	
ZM 1-483		INDIEL 35641110 K01363	24v. Arranque Indiel 35259770, 35259780, 35261900.  <b>MWM</b> - motores serie X10 & 229 <b>VOLVO</b> VM 17, VM23 - c/motor MWM X10 & 229	
ZM 484		INDIEL 35640930 K01249	12v. Arranque Indiel 35259170, 35259950, 35260828, 35260920.  <b>CITROËN</b> Jumper 2.8 D, TD - (99>02), 90 Kw; <b>FIAT</b> Ducato II 14L D, TD >94, Ducato 14M TD >94 , Ducato II Maxi diesel, TD >94, Ducato 2.5 D, TD - (94>98). Ducato 10 1.9L D - (88>94), Ducato 10 1.9L TD - (91>94), Ducato 14 1.9L TD - (88>94), Ducato Europe Die; <b>FORD</b> Ranger c/motor Maxion HS 4cil. 2.5L / 2.8L, c/motor International 3.0 Diesel; <b>PEUGEOT</b> Boxer 2.5 D, 2.8 D, TD - (99>02).	
ZM 1-484		INDIEL 35640940 K01250	12v. Arranque Indiel 35258940, 35258950, 35259620, 35259630,...  <b>ALLIS-CHALMERS</b> ; <b>CASE</b> ; <b>CATERPILLAR</b> ; <b>CHEVROLET</b> Blazer; <b>CLARK</b> ; <b>CUMMINS</b> B 5.9, 6 cil., Electrónico 5.9; <b>DIMEX</b> Omnibus c/motor Cummins B 5.9; <b>FORD</b> Camión c/motor Navistar Powerstroke No Turbo 7.3; <b>HYSTER</b> ; <b>MACK</b> ; <b>MASSEY FERGUSON</b> ; <b>PERKINS</b> ; <b>ZANELLO</b> 230 c/motor Cummins B 5.9, 250 c/motor Cummins B 5.9.	



## Solenoides para Arranque

**ZM 2-484**

**INDIEL**  
35640920  
K01340

12v. Arranque Indiel 35258790, 35258850.

**Indiel**

**CHEVROLET** Astra 1.4, 1.6, Combo, Corsa 1.4, 1.6 motor Powertech, Kadett 1.3, 1.4, 1.6, Vectra 1.4, 1.6;  
**DAEWOO** Espero 1.5 I (92>98), Lanos 1.3 8V c/motor (1349CCM) (>97), 1.5 8V c/motor (1498CCM) (>97), 1.6 16V c/motor (1598CCM) (>97), Nubira 1.6 16V (>97);  
**FORD** Escort c/motor Zetec 1.8, 2.0, Focus c/motor Zetec 1.8, 2.0, Mondeo c/motor Zetec 1.8, 2.0;  
**OPEL** Tigra 1.4 16V, 1.6 16V (>94).

**ZM 3-484**

**INDIEL**  
35640890  
K01231

12v. Arranque Indiel 35258760, 35258780, 35258860, ...

**CHEVROLET** Corsa;  
**FORD** Courier, Ford Escort (>95), Fiesta línea vieja/nueva, Orion, Focus, Ranger, Mondeo;  
**LAND ROVER** 110 motor 2.5 Diesel (84>90), 90 motor 2.5 Diesel (85>90), Defender 110 c/motor 2.5 Diesel (90>93), Defender 90 c/motor 2.5 Diesel (90>94).

**ZM 485**

**INDIEL**  
35640690  
K01334

12v. Arranque Indiel 35258370, 35258730, ...

**CITROËN** Berlingo c/motor XU7 4 cil. 1.8, 1.9 Diesel (>96), Berlingo 800 1.8L Diesel, 1.9 Diesel (>96), BX 1.7 (>94), 1.9 TD, C15 1.8 Diesel, Jumper 1.9 Diesel, Xantia 1.6, 1.8, 2.0, 1.9 Diesel, Turbo Diesel, 2.0 Turbo, 2.1 Turbo Diesel, XM, Xsara 1.8 DOHC, 1.9 D, TD c/motor XUD9, 2.0, Xsara Picasso, ZX 1.6 MPI, 1.8 D, 1.9 D, TD; **FIAT** Ducato II 1.9 D, TD, 2.0; **HYUNDAI** Elantra 1.9 D; **PEUGEOT** 205 1.6 c/motor XU7 4 cil., 1.9D XUD9 4 cil., 306 1.6 c/motor XU7 4 cil., 1.9D XUD9 4 cil., 405 1.6 c/motor XU7 4 cil., 1.9D XUD9 4 cil., Boxer 1.9D XUD9 4 cil., Partner, 1.6 XU7 4 cil.

**ZM 1-485**

**INDIEL**  
35640910  
K01248  
K01250

12v. Arranque Indiel 35258820, 35258880, 35258940, ...

**CUMMINS** 6BT, B (80>85), B 3.9L (>94), B 5.9L (80>88), B 5.9L (>94), B 8.3L (83>86);  
**DIMEX** Camión;  
**FORD** Cargo 1416, 1716, 160 c/motor Cummins 6BT;  
**JOHN DEERE** 6605, 7505 6 cil.;  
**MERCEDES-BENZ** OM352.

**ZM 2-485**

**INDIEL**  
35640850  
K01247

12v. Arranque Indiel tipo M93R: 35258620, 35258710, 35258960, ...

**AGRALE**; **DEUTZ**; **DODGE**; **FORD** F-100, F-150, F-250, camiones c/motor Deutz, Transit D; **INTERNATIONAL**; **MASSEY FERGUSON** c/motor Perkins; **PEUGEOT** 504, 505 c/motor Indenor XD2L Diesel; **TATA** Camión 608, 609 c/motor M. Benz.

**ZM 3-485**

**INDIEL**  
35641000  
K01193

24v. Arranque Indiel tipo M100R 35259240, 35259440, 35259460, ...

**CUMMINS** B Electrónico 5.9;  
**MWM** - 4 y 6 cil.;  
**VOLKSWAGEN** 17.250 E c/motor Cummins 6B Electrónico 5.9, 26.250 E c/motor Cummins 6B Electrónico 5.9, Minibus c/motor Cummins 6B Electrónico 5.9, Omnibus c/motor MWM 4 y 6 cil., Titan c/motor Cummins C.



## Solenoides para Arranque

**ZM 4-485**

**INDIEL**  
35640880  
K01230

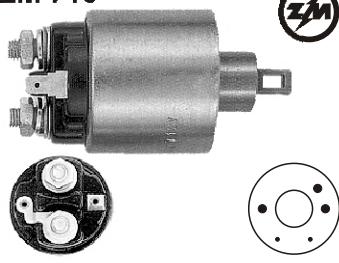
12v. Arranque Indiel tipo M74R: 35258470,  
35258740, 35258750,...

**Indiel**
**ZM 5-485**

**INDIEL**  
35640955  
K01182

12v. Arranque Indiel 35259430, 35259450, 35259640, 35261135.

**VOLKSWAGEN** 13.150, 13.180, 13.190, 15.180, 15.190, 17.210,  
17.220, 23.210, 23.220, 26.220, 26.260, 7.110, 8.120, 8.150,  
ómnibus, Titan.  
C/motor MWM, Cummins.

**ZM 716**

**INDIEL**  
35640630

12v. C/ reducción. Arranque Indiel 35258270.

**FORD** Orion;  
**VOLKSWAGEN** Pointer c/ motor Audi 827 1.8 y 2.0i, Polo Classic.

**ZM 1-716**

**INDIEL**  
35640870  
K01223

12v. Arranque Indiel 35258600,...

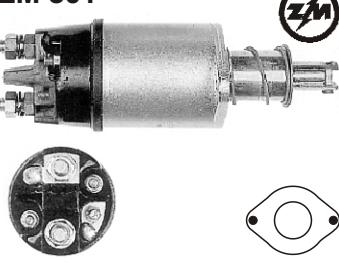
**RENAULT** 9, 11, 19 c/motor 1.4, 1.6, Clio 1.6 c/motor C3L.

**ZM 3-716**

**INDIEL**  
35640800  
K01337

12v. Arranque Indiel 35258560

**MITSUBISHI** Carisma 1.9 D,TD - DA4 c/motor F8Q,T - 1996;  
**RENAULT** 19 1.9 D c/motor F8Q706 - ('89>95), 1.8, Clio 1.4, 1.8,  
1.9 Diesel - B576, C576 c/motor F8Q - ('90>98), Megane 2.0,  
1.9 D c/motor F8Q - 1995, 1.9 TD - 1996;  
**VOLVO** S40 1.9 TD c/motor D4192T - 1997.

**ZM 801**

**INDIEL**  
35640274

12v. Arranque Indiel AN 115: 35256422, 35256424, 35257700,...

**BORGWARD** motores Indenor XDP 6.9, VW 4 Cil., 2.4 de 75,  
100 HP, Indenor XD2, XD2 Diesel Ligero, XD3, XD3T E XD2S  
Turbo.; **CHRYSLER/VW** camiones DP600, DP800, DP500, DD1000;  
**DEUTZ** Motor 913 de 3, 4, 5 y 6 Cil., F4L2114 1973>;  
**DODGE** pick-up DP100, Dp200; **FORD** ómnibus B7000, B600,  
camiones F6000, F7000, F3500, pick-up F250, F100;  
**GENERAL MOTORS** camiones c/motor Bedford 1975>;  
**JOHN DEERE** tractores 1420, 2330, 2420, 2530,  
>>>Continúa en pág. Siguiente.



## Solenoides para Arranque

>>>Viene de pág. Anterior.

**Indiel**

2730, 3420, 4420, 3530, 4530, Industriales JD 627, JD 727, 2140 (4 cil), 3140 (6 cil.), retroexcavadora JD 309, Motoniveladora JD 570, 570A; **MASSEY FERGUSON** tractores 1095, 1098, 1195, 1215 Turbo, 1075, 1078, 1088, 1175, 1185, 165, 265, 150, 155, 255; **PERKINS** 3.152, 4.203, 6.305, 6.354, tractores MF 150, 155, 255.; **PEUGEOT** 504, pick-up y Diesel Ligero, 505 XD3, XD3T, XD2S Turbo; **RENAULT** Gladiator T1000, Trafic, R21 diesel.

**ZM 1-801**



**INDIEL**  
35640346

24v. Borne grueso. Arranque Indiel AN 115: 35256474, 35256747, Fc115024.

**DEUTZ** tractor A46, A65, D47, D66, D85, camiones y ómnibus con motor Deutz 913, 6 y 8 cil.; **FIAT** ómnibus 150 Turbo.

**ZM 802**



**INDIEL**  
35640306

12v. Arranque Indiel 35257385.

**M. BENZ** 608, 911, 1112, 1114.

**ZM 803**



**INDIEL**  
35640640

12v. Arranque Indiel 35258240, 35258440.

**CHEVROLET** pickup D20 diesel c/ motor Maxion; **FORD** pickup F100, F150, F1000, F4000 c/ motor MWM.

**ZM 821**



**FORD**  
88DR11001A  
**INDIEL**  
35640600

12v. Arranque Indiel 35258000.

**FORD** Falcon, pickup 6 cilindros desde '89>.

**ZM 822**



**INDIEL**  
35640381

12v. Arranque Indiel 35256303, 35256640, 35257086.

**FORD** Falcon, Fairlane, F100 6 y 8 cilindros, camión F350, F600 '70>, Taunus y Sierra 2.3.



## Solenoides para Arranque

**ZM 816**



**LEECE NEVILLE**

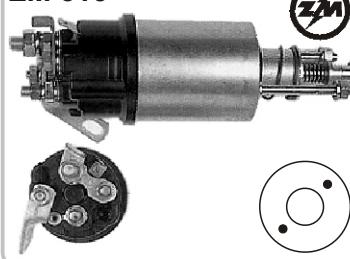
L1033

12v. Arranque DD Leece Neville  
4502ME, 4503ME, M0014502ME,  
M0014503ME.

**Leece Neville**

**CUMMINS.**

**ZM 610**



**FORD**

2701E11390A

2701E11390B

D4NN11390B

D7NN11390B

**LUCAS**

TOB110

TOB114

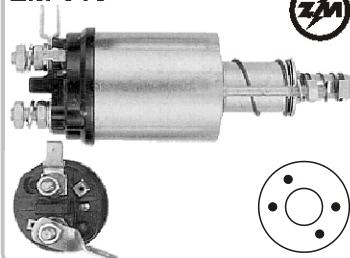
TOB133

12v. Arranque Lucas DD serie M50, 26211, 26227,  
26234, 26246, 26265, 26274, ...

**Lucas**

**CASE;**  
**CLARK;**  
**FORD tractor;**  
**INTERNATIONAL;**  
**MASSEY-FERGUSON;**  
**YALE** autoelevadores.

**ZM 613**



**LUCAS**

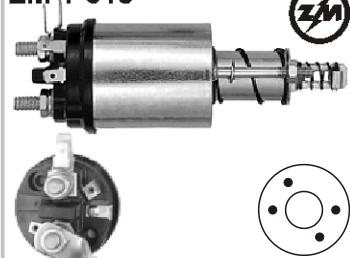
60933111

60933113

12v. Arranque Lucas DD serie M127, 27500, 27502, 27503, 27504,  
27509, 27513, ...

**CASE;**  
**CLARK;**  
**FORD tractores;**  
**MASSEY-FERGUSON;**  
**NEW HOLLAND;**  
**PERKINS.**

**ZM 1-613**



**LUCAS**

60933111

TPB104

TPB111

TPB116

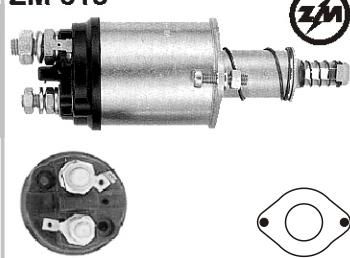
TPB118

TPB119

12v. Arranque Lucas 27500, 27502, 27503, 27504, 27509, ...

**ALLIS-CHALMERS;**  
**CASE - tractores;**  
**JOHNSON - equipos;**  
**LISTER - diesel;**  
**MASSEY FERGUSON;**  
**MG;**  
**ROVER.**

**ZM 615**



**FORD**

84VB11390AA

**LUCAS**

60933109

TPB124

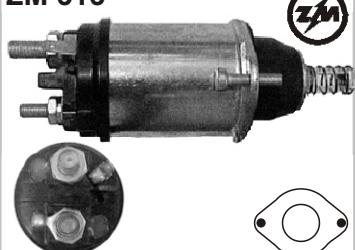
77122

12v. Arranque Lucas 27531, 27567.

**FORD** Ranger, Transit 80, 100, 120, 130, 150, 160, 190 2.5 D, TD;  
**PERKINS** varios M50;  
**ROVER.**



## Solenoides para Arranque

**ZM 616**

**LUCAS**

 76994  
 77036  
 77140  
 TOB182  
 TPB133, ...

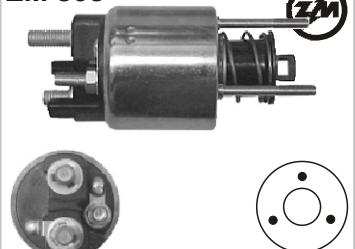
12v. Arranque Lucas 17430, 17440, 26390, 26394.

**Lucas**
**ZM 2-716**

**LUCAS**  
 35640710

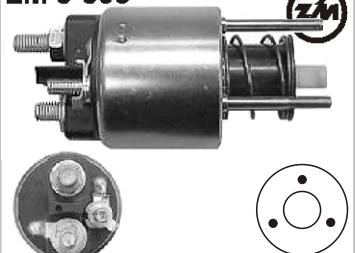
12v. Arranque Lucas 35258430.

**CHEVROLET** Silverado c/motor 6 cilindros nafta.

**ZM 395**

**M. MARELLI**  
 85541003

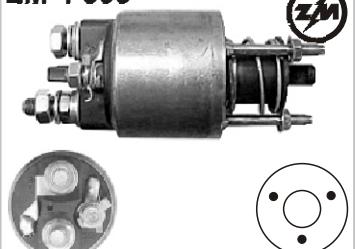
 12v. Arranque M. Marelli  
 63223538, 63293538.

**Magneti Marelli**
**FORD** Escort 1.8 EFI, Fiesta 0.9, 1.0 , 1.3;  
**MAZDA** 121 1.3i.

**ZM 3-395**

**FIAT**  
 9947992

12v. Arranque M. Marelli E95RL, 63114014; Iveco 131955508

**FIAT** Ducato 2.8 D >'01/97;  
**IVECO** Daily 35.10 3.0 Turbo, 35.10 3.0 Turbo (01.97=>).

**ZM 4-395**

**FIAT**  
 9948651

12v. Arranque M. Marelli 63101004, 63102004, 63102014, ...

**FIAT** Palio (Fire) EX 1000 8V (2001=>), EX Century 1000 16V (2002=>), ELX 1000 y 1300 16V (2001=>), ELX y City 1300 16V (01/00=>12/00), ELX 1000 16V (2002=>), Weekend ELX 1000 y 1300 16V (2001=>), Weekend ELX, Siena (Fire) 1000 8V (2002=>), EX 1000 16V (2001=>), ELX 1000 y 1300 16V (2001=>), ELX 1000 16V (2002=>), ELX y City 1300 16V (01/00=>12/00), Uno Mille (Fire) 8V (2002=>).



## Solenoides para Arranque

**ZM 6-395**



**M. MARELLI**

85541740  
85541860

12v. Arranque M. Marelli 63103026,  
63111016, 63111017,...

**Magneti Marelli**

**FIAT** Brava 1.6 EL, ELX, SX (10/95...), Bravo 1.6 S, SX (10/95...),  
Marea 1.6i 16V, Weekend 1.6i 16V (09/96...), Palio 1.6 16V  
(04/96...), Punto GT 1.4 (01/95...), GT 1.4 Turbo (09/96...);  
**LANCIA** Dedra 1.6 16V Station wagon (01/96...), Lybra 1.6  
(07/99...).

**ZM 8-395**



**M. MARELLI**

85541210

12v. Arranque M. Marelli 63102000, 63192000.

**NISSAN** Primera 1.6 (06.96==>).

**ZM 396**



**M. MARELLI**

12v. Arranque M. Marelli 063222035010, 63222005, MSN320.

**BMW** 324 2.4 D, TD, 325 2.5 D, TD, 524 2.4 D, TD, 525 2.5 Touring;  
**CHEVROLET** Omega 2.4 D

**ZM 1-595**



**FIAT**

9945030

**M. MARELLI**  
85540961

12v. Arranque M. Marelli 63222900, 63223085, 63223303.

**FIAT** Tipo, Palio, Siena;  
**RENAULT**.

**ZM 2-595**



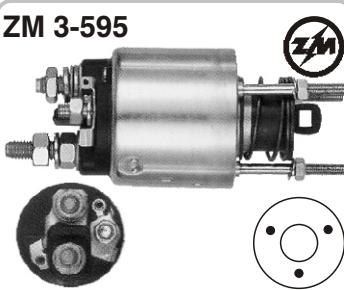
**FIAT**

9947960

12v

**FIAT** Palio 16v, Siena.

**ZM 3-595**



**FIAT**

9947959

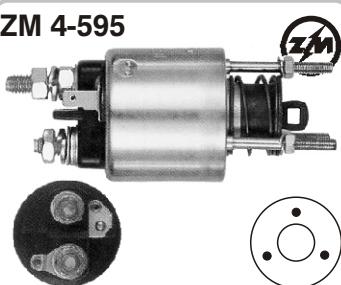
12v

**FIAT** Palio 1.0, 1.5.



## Solenoides para Arranque

**ZM 4-595**



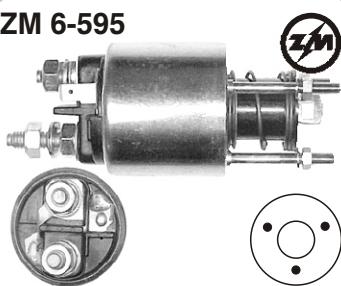
**FIAT**  
9945630

12v

**Magneti Marelli**

**FIAT** Palio 1.6 SPI, 1.6 MPI.

**ZM 6-595**



**FIAT**  
9945557  
**M. MARELLI**  
85540981

12v. Arranque M. Marelli 63222889, 63222936, 63223109.

**FIAT** Palio 1.6 SPI, 1.6 MPI.

**ZM 7-595**



**M. MARELLI**  
85541010  
85541400

12v. Arranque M. Marelli 63101000, 63101002, 63102003, 63102004, 63102007, 63222909, 63223108, 63223200

**FIAT** Brava 1.6 EL, 1.6 SX, Bravo 1.6 S, 1.6 SX, Marea SX 1.6i 16v MPI, Marea Week 1.6i 16v, Palio 1.6 16v, Palio Weekend 1.6 16v;

**LANCIA** Y 1.2, Y10 1.1 ie Fire.

**ZM 9-595**



**M. MARELLI**  
85541420

12v. Arranque M. Marelli 63102008, 63103002, 63103003, 63103007, 63103008, 63103108, 63222908, 63223101

**FIAT** Brava 1.6 EL, 1.6 SX, Bravo 1.6 S, 1.6 SX, Marea SX 1.6i 16v MPI, Marea Week 1.6i 16v, Palio 1.6 16v, Palio Weekend 1.6 16v; Tempra 1.4i.e., 1.6 i.e.;

**LANCIA** Dedra, Delta; SEAT Ibiza.

**ZM 650**



**FIAT**  
4154106  
4159206  
**MAGNETI MARELLI**  
63600507  
63902000

12v. Arranque Garef; Fiat 4198226, 4198600, 4229113, 4229114, 4474714.

**FIAT;**  
**PEUGEOT.**

**ZM 651**



**FIAT**  
9938390  
**MAGNETI MARELLI**  
63600901  
85530330  
85540001  
85540561

12v. Arranque M. Marelli 63221405, 63221406, 63221435, 63221436, 63221530.

**FIAT** Spazio, Duna diesel m/1300 brasileño, Uno 1.3 D, Uno 1.4 TD, Uno 1.7 D, Fiorino 1.7 D.

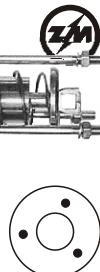


## Solenoides para Arranque

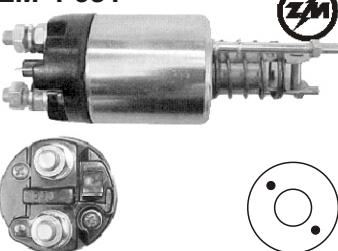
**ZM 3-651**

**FIAT**

 9941308  
9942333

**MAGNETI MARELLI**  
85540471

 12v. Arranque M. Marelli 63222831,  
63222832, 63222833, 63222836,  
63222837.

**Magneti Marelli**
**FIAT** Tempra 1.4, 1.6, i.e., Tipo 1.4, i.e., 1.6, 2.0, Uno 70, 70 i.e.

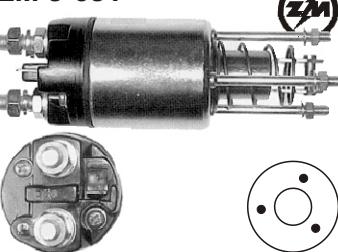
**ZM 4-651**

**FIAT**

9936623

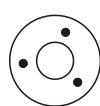
**MAGNETI MARELLI**  
63600802  
85530010  
85540591

 12v. Arranque M. Marelli 63220506, 63220536, 63220901,  
63220931, 63221308.

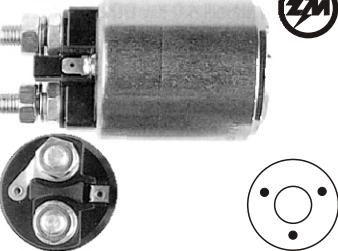
**FIAT** Duna, Uno Turbo, Regatta.

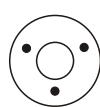
**ZM 5-651**

**FIAT**

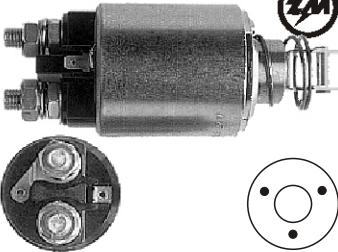
9938442

**MAGNETI MARELLI**  
63600904  
85530220  
85540041

 12v. Arranque M. Marelli 63220932, 63221400, 63221430,  
63221433, 63221438, 63221531.

**CHEVROLET** c/ motor Cummins;  
**FIAT** Regatta.

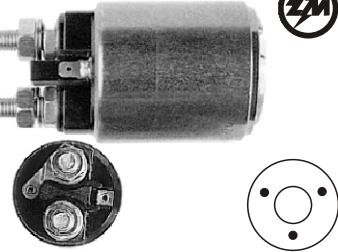
**ZM 654**

**MAGNETI MARELLI**

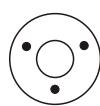
 63633801  
63633825  
63693801  
85540011  
85540221

 12v. Arranque M. Marelli 63216815, 63216197, 63216827,  
63216831, 63216833.

**ALFA ROMEO;**  
**FIAT ALLIS;**  
**IVECO Daily;**  
**RENAULT 12.**
**ZM 655**

**FIAT**

 7980335  
9936770  
9957705  
9986144  
79036683

 12v. Arranque M. Marelli 63216197, 63216815, 63216827,  
63216831, 63216833, 63216859, ...

**ALFA ROMEO;**  
**FIAT Ducato;**  
**IVECO diesel;**  
**RENAULT.**
**ZM 656**

**MAGNETI MARELLI**

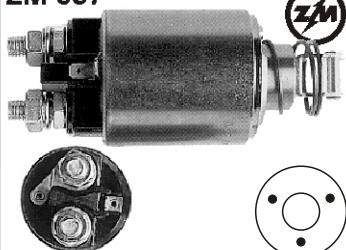
 63633901  
63633902  
63633925  
63633933  
85540211

 24v. Sin pistón. Arranque M. Marelli DD 4.0Kw 63216727,  
63216731, 63216733, 63216740, ...

**FIAT ALLIS;**  
**IVECO Daily;**  
**RENAULT.**



## Solenoides para Arranque

**ZM 657**



**MAGNETI MARELLI**

63633901  
63633902  
63633925  
63633933  
85540211

24v. Con pistón. Arranque

M. Marelli DD 4.0Kw 63216727,  
63216731, 63216733, 63216740, ...

**FIAT ALLIS;**  
**IVECO Daily;**  
**RENAULT.**

**Magneti Marelli**

**ZM 602**



**HONDA**

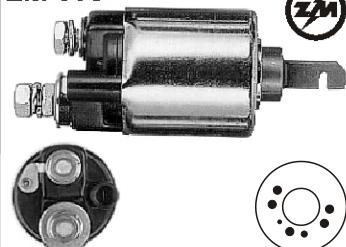
31210PC2026  
31210PE1171

12v. Arranque Mitsuba SM302 07, SM302 16,  
SM302 04.

**Mitsuba**

**HONDA Civic 1.5, CR-V, CRX, 1.5i, 1.6 16v.**

**ZM 603**



**HONDA**

31210PC2016  
31210PD2006  
31210PD2016

12v. Arranque Mitsuba SM302-02, SM302-08, SM302-18,  
SM302-28, SM402-10N.

**HONDA Prelude 1600, 1.6, 1800, 2.0, 2.0i 16V, Legend 2.5i,**  
**Prelude 1800, 2.0. 2.0i, 2.0i 16V.**

**ZM 604**



**HONDA**

31210PT0004  
31210PT09050

12v. Arranque Mitsuba SM40203, SM40207.

**HONDA Accord, Prelude.**

**ZM 606**



**HONDA**

31210P01005  
31210P13904  
31210P30005

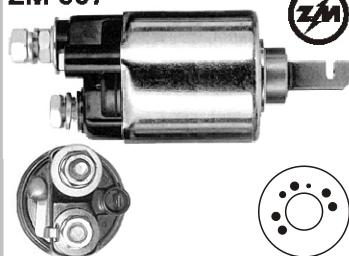
12v. Arranque Mitsuba SM302-24, SM302-25, SM302-44,  
SM302-45, SM302-46.

**HONDA Civic, Prelude, Accord, CRX, Acura.**



## Solenoides para Arranque

**ZM 607**

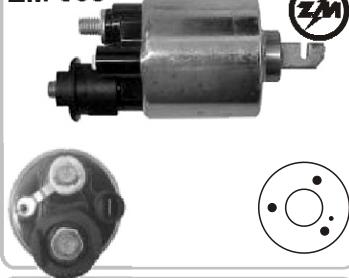


**HONDA**  
31210PT001

12v. Arranque Mitsuba SM302-22, SM402-04,  
SM402-05, SM402-11N.

**Mitsuba**

**ZM 609**

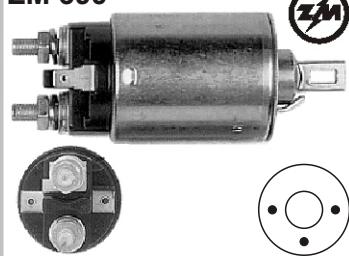


**HONDA**  
31210P0A004  
31210PAAA02  
31210POA004

12v. Arranque Mitsuba SM42202, SM442020W, SM44202OW.

**HONDA** Accord 2.2L, 2.3 L4 c/ AT, CL 2.2L L4 com AT, 2.3L L4 c/ AT, CL 2.3L L4 c/ AT;  
**ISUZU.**

**ZM 690**



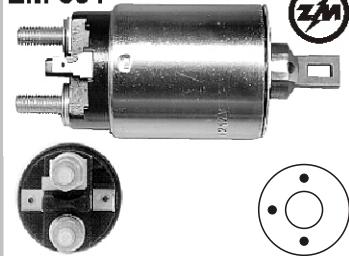
**MITSUBISHI**  
M371X16171  
SB161  
SB163  
SB164  
SB329  
SB330, ...

12v. Arranque Mitsubishi M1T50071, M2T23081, M2T23685, ...

**Mitsubishi**

**AUDI;**  
**FORD;**  
**MAZDA** pickup, 626, Mx6;  
**MITSUBISHI;**  
**NISSAN** 310, Sentra, Pulsar, 200SX;  
**SUZUKI.**

**ZM 691**



**MITSUBISHI**  
M371X00171  
M371X00372  
M371X02871  
M371X30371  
M371X50171  
M371X50671

12v. Arranque Mitsubishi M2T50381, M2T50881, M2T53083, M2T53085, M2T54271, M2T58581, ...

**DODGE RAM** 50 pick-up;  
**HYUNDAI** Excel;  
**MAZDA**;  
**MITSUBISHI** Gallant;  
**NISSAN** Sentra.

**ZM 1-691**



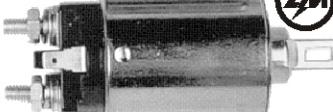
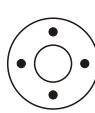
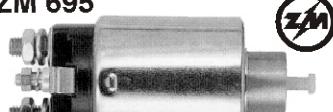
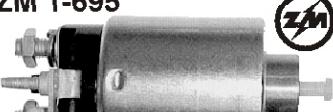
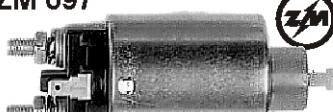
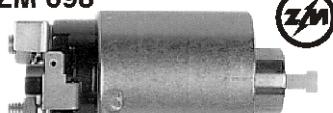
**MITSUBISHI**  
M371X01871

12v. Arranque Mitsubishi M2T52071, M3T10071, M3T10471, ...

**MAZDA** 616, 929, B1600 pickup, B1800 pickup;  
**MITSUBISHI** Colt 1.2, 1.4, Galant 1300, 1400, 1500, 1600, 2000, Lancer 1200, 1400, 1600,...  
**YALE.**

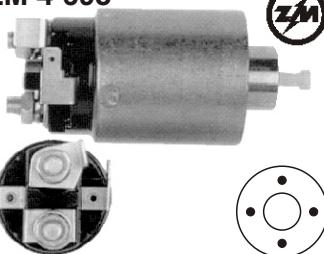


## Solenoides para Arranque

<b>ZM 692</b>  	<b>MITSUBISHI</b> M371X00272 M371X17271 M371X54771	<b>Mitsubishi</b> 12v. Arranque Mitsubishi M1T50471, M2T20181, M2T20182, M2T20281, M2T23181, M2T50581, M2T50585, M2T50981, M2T51181, M2T52671, M2T52681, ...  <b>HYUNDAI</b> Excel; <b>MAZDA</b> pickup, RX 3, RX 4, RX 7, MPV; <b>MITSUBISHI</b> Galant; <b>NISSAN</b> pickup, 510, B210, F10, 310, 210, 200 SX, 720 pickup
<b>ZM 695</b>  	<b>MAZDA</b> AM1518X10 <b>MITSUBISHI</b> SB625	12v. Arranque Mitsubishi M1T74281, M1T76081.  <b>FORD</b> Ranger D; <b>JEEP</b> Wagoneer, Cherokee, Grand Cherokee; <b>MAZDA</b> pickup D.
<b>ZM 1-695</b>  	<b>MITSUBISHI</b> M371X94071	12v. Arranque Mitsubishi M1T79481, M1T79482.  <b>DODGE</b> Dakota 2.5i; <b>JEEP</b> Cherokee, L4, 2.5i, Wrangler L4, 2.5i.
<b>ZM 696</b>  	<b>MAZDA</b> AM1518X10 <b>MITSUBISHI</b> M371X60271 MD607997 SB602	12v. Arranque Mitsubishi M1T70481, M1T70485, M3T32592, MD034120, MD100431.  <b>CHRYSLER</b> ; <b>DODGE</b> Ram 50; <b>HYUNDAI</b> Excel; <b>MAZDA</b> pick-up; <b>MITSUBISHI</b> Galant, Eclipse, Colt.
<b>ZM 697</b>  	<b>MITSUBISHI</b> M371X62171 M371X62271 M371X62371 M371X62871 M371X63071 <b>NISSAN</b> 23343M8011	12v. Arranque Mitsubishi M1Q71281, M1T60381, M1T70283, M1T70381, M1T71081, ...  <b>FORD</b> ; <b>ISUZU</b> ; <b>MAZDA</b> ; <b>NISSAN</b> ; <b>PEUGEOT</b> 405 diesel; <b>SUBARU</b> ; <b>SUZUKI</b> ; <b>YALE</b> autoelevadores.
<b>ZM 698</b>  	<b>MAZDA</b> N326-18-X10 <b>MITSUBISHI</b> M371X64271 M371X64273 M371X64471 M371X74471 <b>NISSAN</b> 23343-M8210	12v. Arranque Mitsubishi M1T70781, M1T70881, M1T71381, M1T71781, ...  <b>HYUNDAI</b> ; <b>MAZDA</b> RX7, 1.3, 929 2.0, 929 3.0 V6; <b>MITSUBISHI</b> Galant 2.5i 24v, Pajero 3.0 V6, Pajero 3.5i V6, Sigma 3.0 V6, Sigma 3.0 24v, 3000 GT; <b>NISSAN</b> .



## Solenoides para Arranque

**ZM 4-698**

**MAZDA**

N32618X10

**MITSUBISHI**

M371X64271

M371X64273

M371X64471

M371X74471

**NISSAN**

23343M8210

12v. Similar a ZM 468 pero con 4 tornillos de fijación.

Arranque Mitsubishi M1T70781, M1T70881, M1T71381, M1T71781, ...

**Mitsubishi**
**HYUNDAI;**

MAZDA RX7, 1.3, 929 2.0, 929 3.0 V6;

**MITSUBISHI** Galant 2.5i 24v, Pajero 3.0 V6, Pajero 3.5i V6, Sigma 3.0 V6, Sigma 3.0 24v, 3000 GT; **NISSAN**.

**ZM 5-698**

**MITSUBISHI**

M371X64971

12v. C/4 orificios en carcaza

Arranque Mitsubishi M1T70781, M1T70881, M1T71781, ...

**DODGE;**
**MAZDA;**
**MITSUBISHI;**
**NISSAN.**
**ZM 790**

**MITSUBISHI**

M371X69171

12v.

**DODGE;**
**HYUNDAI;**
**MITSUBISHI;**
**SUZUKI** Samurai.

**ZM 792**

**MITSUBISHI**

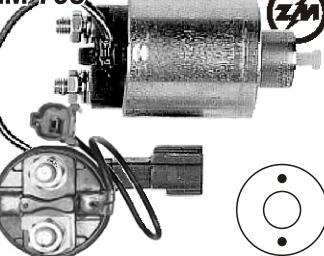
M371X64771

M375X00271

2334384A17

12v. Arranque Mitsubishi M1T72085, M1T72086, ...

NISSAN 100 NX 1.6, Almera 1.6i, Primera 1.6, Sunny 1.4i, 1.6i.

**ZM 793**

**MITSUBISHI**

M371X76371

M371X76275

SB691

SB784P

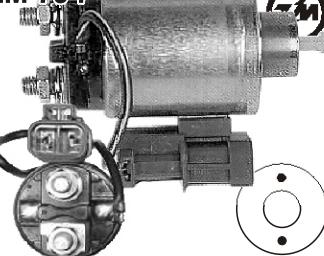
**NISSAN**

2334330R13

12v. Arranque Mitsubishi M1T72281, M1T72985;

Nissan 23300-30R13.

NISSAN Bluebird 1.8, 2.0, Sunny 2.0, 100 NX 2.0i, 240 SX, Lester.

**ZM 794**

**MITSUBISHI**

M371X78371

M371X92575

SB783

**NISSAN**

2334360U10

12v. Arranque Mitsubishi M1T60281,

M1T60285, M1T60286, MIT60281, MIT60285, ...

NISSAN King Cap 2.4, Terrano 2.4, 2400 pick-up.



## Solenoides para Arranque

**ZM 795**



**MITSUBISHI SB665**



12v. Arranque Mitsubishi PMGR M1T73581, M1T74481, M1T74482.

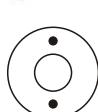
**Mitsubishi**

**MITSUBISHI.**

**ZM 798**



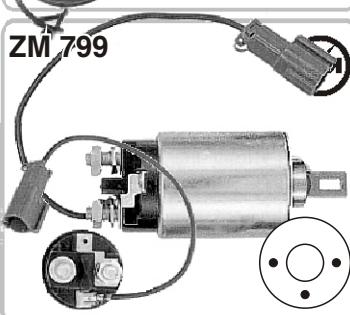
**MITSUBISHI M371X61371  
MD611378  
SB613**



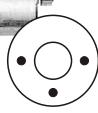
12v. Arranque Mitsubishi M3T41285.

**MITSUBISHI** Colt 1.3, 1.3i, 1.5, 1.6i, 1.8i, Galant 1600, 1850, 1.6, 1.8, 2000, 2.0, 2.0i, 2.0 4WD, L-300 1.8, 2.0, 2.4, Lancer 1.3, 1.5, 1.6, 1.8i, 1.8 4WD, Pajero 2.4, 2.6, Space Gear 2.0i, Space Runner 1.8i, Space Wagon 1.8, 2.0i.

**ZM 799**



**MAZDA SB524**



12v. Arranque Mitsubishi M2T53882, 23300-84A11.

**NISSAN** Pulsar, Sentra, Sunny 1.6, 1.6i 2WD, 100NX 1.6.

**ZM 890**



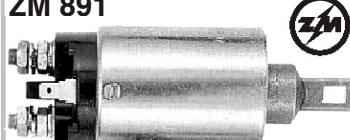
**FORD E5PZ11390A  
MITSUBISHI M372X06971  
SC069**



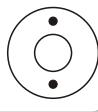
12v. Arranque Ford E3TZ-11002-B, E5TZ-11002-B, E8TZ-11002-A; Mitsubishi M3T90071, M3T90072.

**FORD** Transit, Ranger diesel.

**ZM 891**



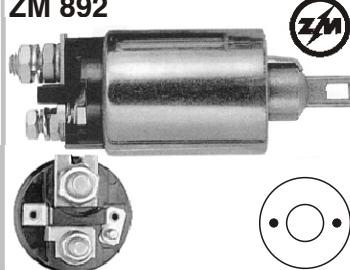
**FORD E3TZ11390A  
MAZDA 859924736  
MITSUBISHI M372X04171  
SC041**



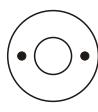
12v. Arranque Mitsubishi M2T54371, M2T54372, M2T60071, M2T60072, M2T60073, ...

**FORD** Ranger;  
**ISUZU**;  
**MAZDA**;  
**PERKINS**.

**ZM 892**



**FORD F4TZ11390A**



12v. Arranque Ford F4TU-11000-AA, F4TZ-11002-A, F4TZ-11002-B, F5TU-11000-AA; Mitsubishi M8T50071, M8T50171.

**FORD** camiones;  
**MITSUBISHI**.



## Solenoides para Arranque

**ZM 893**



**MITSUBISHI**

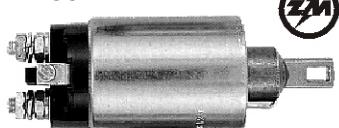
M372X00471  
M372X10372PS  
MD607634  
SC004



12v. Arranque Mitsubishi M2T54172,  
M2T56171, M2T56181, M2T56182,  
M2T56271, ...

**Mitsubishi**

**ZM 894**



**MITSUBISHI**

M372X00171  
M372X02371  
SC003



12v. Arranque Mitsubishi M2T56071,  
M2T56072.

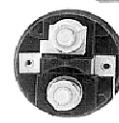
**DODGE;**  
**MAZDA** diesel;  
**MITSUBISHI** Pajero.

**ZM 896**



**MITSUBISHI**

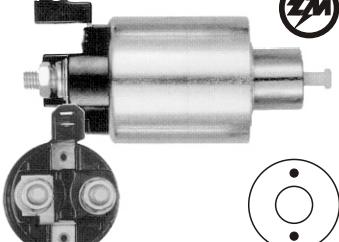
M372X10371  
ME700119  
ME700316



24v

**MITSUBISHI.**

**ZM 992**



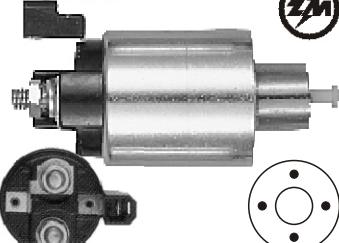
**MITSUBISHI**

79873

12v. Arranque Mitsubishi M1T78851ZC.

**CHRYSLER** Stratus 2.5 V6 '95>'97, Cirrus V6 '95>'97, Sebring V6 '95>'97.

**ZM 4-992**



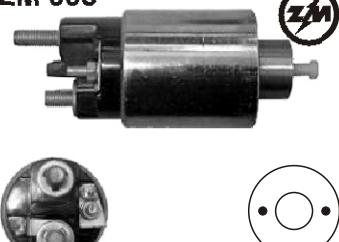
**MITSUBISHI**

79873

12v. C/ cuatro orificios de fijación. Arranque Mitsubishi M1T78851ZC.

**CHRYSLER** Stratus 2.5 V6 '95>'97, Cirrus V6 '95>'97, Sebring V6 '95>'97.

**ZM 993**



**MITSUBISHI**

12v. Arranque Mitsubishi M0T80082, M1T80081, M1T80082,...

**JPX** Jeep  
**MITSUBISHI.**



## Solenoides para Arranque

**ZM 994**



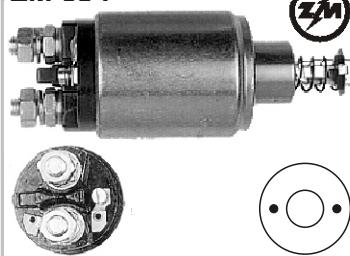
**MITSUBISHI  
SB669**

12v. Arranque Mitsubishi PLGR: M2T80081,  
M2T80281,...

**Mitsubishi**

**ACURA;  
MITSUBISHI.**

**ZM 634**

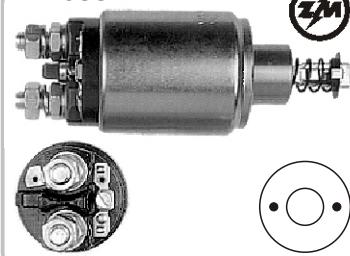


**NASHVILLE  
44000100**

12v.

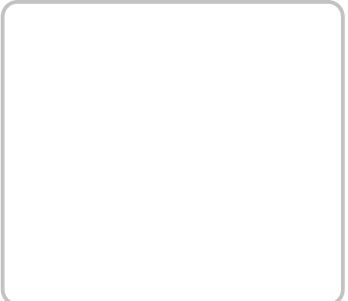
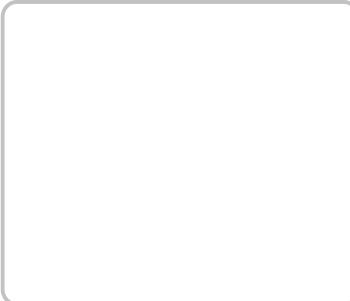
**Nashville**

**ZM 635**



**NASHVILLE  
44010200**

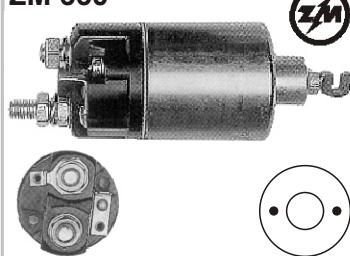
24v.



12v. Arranque Nippondenso  
028000-1013, 028000-1850,  
028000-1973, 028000-1975, 028000-2001,...

**Nippondenso**

**ZM 660**



**NIPPONDENSO**

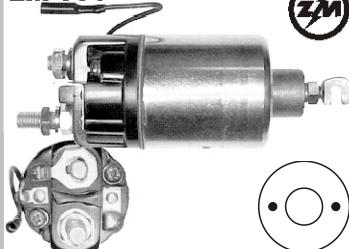
0534001040  
0534001260  
0534001530  
0534002880  
0534003330  
0534003350

12v. Arranque Nippondenso  
028000-1013, 028000-1850,  
028000-1973, 028000-1975, 028000-2001,...

**DAIHATSU;  
FORD;  
MAZDA;  
SUBARU;  
TOYOTA Corona, Corolla, Celica, Cressida, Supra.**



## Solenoides para Arranque

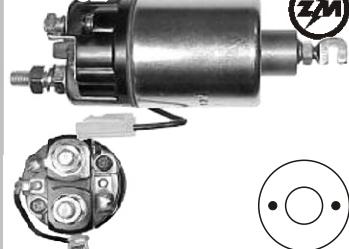
**ZM 661**

**NIPPONDENSO**

0534001150  
0534001151  
0534001740  
0534001870  
0534001880  
0534002120

12v. Arranque Nippondenso  
028000-1010, 028000-1970,  
028000-2000, 028000-2160, 028000-2360, 028000-2680, ...

**Nippondenso**

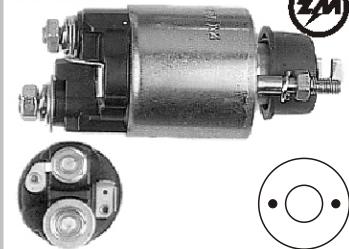
**FORD Courier;**  
**SUBARU;**  
**SUZUKI;**  
**TOYOTA** pickup, Corolla, Corona, Celica, Land Cruiser.

**ZM 662**

**NIPPONDENSO**

0534002160  
0534002550  
0534003340  
**TOYOTA**  
2815023010  
2815023011  
2815036050  
2815060060

12v. Arranque Nippondenso 028000-3833, 028000-4332,  
028000-4440, 028000-4810, 028000-4812, ...

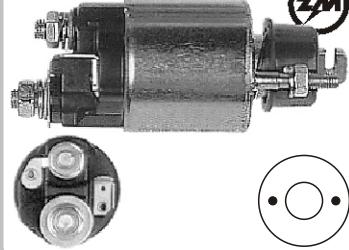
**DAIHATSU;**  
**SUZUKI;**  
**TOYOTA** Corona, Célica, Land Cruiser, Dyna 2.0, Hi-Ace 1.6, 1.8,  
2.0, Hilux 1600, 2000, 2.0 4X4.

**ZM 702**

**HONDA**

31204PC1004  
31204PC1024  
**NIPPONDENSO**  
0534005282

12v. Arranque Nippondenso 028000-8010, 028000-8690,  
028000-9100, 028000-9930, 128000-0290, 128000-0370, ...

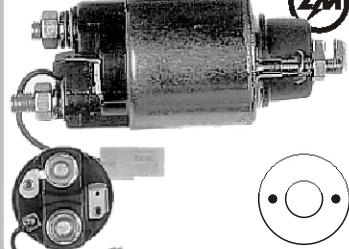
**HONDA** Accord 1600, Civic;  
**ISUZU;**  
**ROVER.**

**ZM 703**

**NIPPONDENSO**

0534003840  
0534003890  
0534003932  
0534004432  
0534005050  
0534005240

12v. Arranque Nippondenso 028000-5330, 028000-6490,  
028000-6520, 028000-6650, 028000-7131, 028000-7132, ...

**CHEVROLET;**  
**FORD Courier;**  
**HONDA** Civic, CRX;  
**ISUZU;**  
**SUBARU;**  
**TOYOTA.**

**ZM 704**

**NIPPONDENSO**

0534003931  
0534004430  
0534004431  
0534004640  
0534004642  
0534004643

12v. Arranque Toyota 2810031030, 2810034090.

**DAIHATSU;**  
**SUBARU;**  
**SUZUKI;**  
**TOYOTA.**

**ZM 708**

**NIPPONDENSO**

0534008750

12v. Arranque Nippondenso 1280003662, 2280004490.

**DAIHATSU** G100, S-88;  
**FORD**; **HONDA**; **ISUZU**; **MITSUBISHI**; **NISSAN**; **SUBARU**;  
**SUZUKI**;  
**TOYOTA** KF-40, KE70.



## Solenoides para Arranque

**ZM 490**



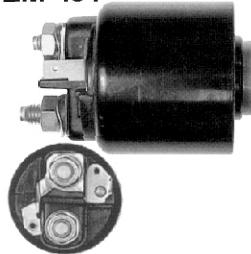
**VALEO**  
591118  
594118

12v. Arranque Paris Rhône D7R1, D7R3.

**Valeo**

**CITROEN AX 1.4 D (09.88=>07.94), 1.5 D (07.94=>), Saxo 1.5 D (05.96=>), Xsara 1.5 D (07.97=>);  
RENAULT Megane, Megane Scenic.**

**ZM 491**



**VALEO**  
594045  
594046  
NE 777

12v. Arranque Valeo D6RA5, D6RA10, D6RA13, R6RA15, D6RA20, D6RA42.

**CITROEN AX, BX, C15;  
LAND ROVER;  
PEUGEOT 205, 405;  
SUZUKI.**

**ZM 1-491**



**VALEO**  
594208

12v. Arranque Valeo 432622, 432631,...

**RENAULT 19 1.4, 1.8, 21 '89>'94, 5 y Super 5 >'96, 9 1.7, Clio 1.2, 1.4, 1.6, 1.8, 1.9 D, Clio II 1.9 TDi >'99, Express 1.4, 1.9, Kangoo 1.4i, 1.9 D '97>, Laguna 1.8, 2.0 '91>, Laguna, Megane 1.6i E '95>, 2.0i, 2.0 16V '96>, Scenic 1.4i, 1.6i, 1.9 DTi, Trafic 1.7 '89>'97), 1.9 Diesel '97>.**

**ZM 2-491**



**VALEO**  
594407

12v. Arranque Valeo 438081, D7E15, D7E20.

**RENAULT 11 1.6 c/motor F8M, 12 1.6 c/motor F8M, 19 1.6 c/motor F8M (01.94=>), 9 1.6 c/motor F8M, 1.7 c/motor F2N/F3N, Clio 1.6 c/motor C3L (01.94=>), 1.6 com motor K7M (06.99=>), Kangoo 1.6 c/motor C3L (01.94=>), 1.6 c/motor K7M (06.99=>), Megane 1.6 c/motor K7M (06.99=>), Scenic 1.6 c/motor K7M (06.99=>).**

**ZM 3-491**



**VALEO**  
594431

12v. Arranque Valeo 438096, 455972, D7R48.

**VOLVO S40 '95>'99, '99>'00, '00>'03.**

**ZM 492**



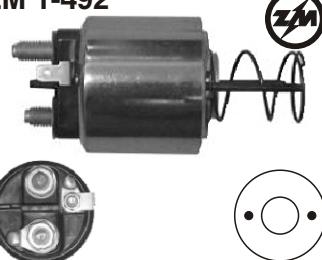
**VALEO**  
594087  
NE815

12v. Arranque Paris Rhône D6RA17, D6RA18, D6RA19, D6RA22,...



## Solenoides para Arranque

**ZM 1-492**



**VALEO**  
182464  
CED518

12v. Arranque Paris Rhône D9E36, D9E54.

**Valeo**

**ZM 2-492**



**VALEO**  
494815

12v. Arranque Valeo 438182, D7E24.

**PEUGEOT** 206 '01;  
**RENAULT** Clio '99, Kangoo '99.

**ZM 495**



**VALEO**  
594347  
CED5033

12v. Arranque Valeo D7E4, D7E8.

**MERCEDES-BENZ** Clase A 140, 160 desde 10/97.

**ZM 2-495**



**VALEO**  
494803

12v. Arranque Valeo 438128, D7E11.

**RENAULT** Megane, Scenic 1.6 16V.

**ZM 3-495**



**VALEO**  
494822

12v. Arranque Valeo 438143, 438185, BD7E44, D7E36.

**CHEVROLET** Astra 1.8, Corsa 1.8, Meriva 1.8;  
**FIAT** Palio 1.0, 1.3, 1.8, 1.5 EL MPI y 1.5 ELX MPI,  
Palio Weekend 1.0, 1.5 EX, Siena 1.0, 1.3, 1.5 y 1.0 Mpi,  
Stilo 1.8, Strada 1.5, 1.5 Spi, 1.5 Working, 1.5 CE.

**ZM 4-495**



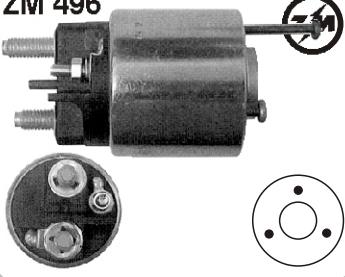
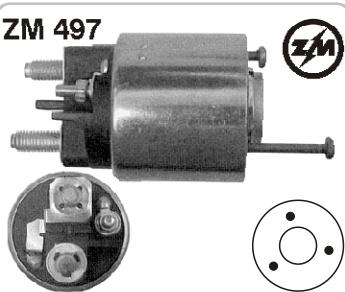
**VALEO**  
594288

12v. Arranque Valeo 432685, 438142, D7E1, D7E35.

**FIAT** 147 >'86, Spazio, Duna '86>'90, Fiorino '85, Panorama, Uno '86;  
**RENAULT** Clio '98, '01, Kangoo '98, '01, Modus '04, '05, Twingo '94>'04.

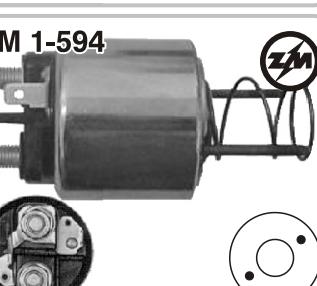


## Solenoides para Arranque

<b>ZM 496</b> 	<b>VALEO</b> 594183 NE898  	12v. Arranque Valeo D6RA6, D6RA33, D6RA46, D6RA56, D6RA61, D6RA73, D6RA133. <b>Valeo</b> RENAULT Clio 1.2, 1.4, 1.4i, 1.6i, 1.8 16S 16v, 1.8, 1.8i, 1.9 D, Express 1.1, 1.2, 1.4, 1.4i, Kangoo 1.4i, 1.9 D, Laguna 1.8, 2.0, Megane 1.4i, 1.6i, 1.6ie, 2.0i, 2.0 16v, R19 1.7i, R21, Trafic 1.7, 1.9 D.
<b>ZM 497</b> 		12v. Sin pistón. Arranque Valeo D6RA38, D6RA66, D6RA161, D6RA661. <b>CITROËN</b> Jumper 2.0, Xantia 1.6i, 1.8i, 2.0i, Xsara 1.8, 1.8 16v, ZX 1.6i, 2CV 4, 2CV 6; <b>PEUGEOT</b> 306 1.8i, 2.0i, 405 1.6i, 1.8i, 1.9 GRi, 1.9 SRi, 2.0i, 406 1.6, 1.8, 2.0, 605 2.0, 806 2.0i, Boxer 2.0i.
<b>ZM 498</b> 	<b>VALEO</b> 494813  	12v. Arranque Valeo 438153, 438180, 438181, ... <b>FORD</b> Courier, Ecosport c/motor Zetec Rocam ==>02/03, Escort 1.6, Fiesta, Ka.
<b>ZM 560</b> 	<b>DUCELLIER</b> 606893 680559 680560 680566 <b>VALEO</b> NE355  	12v. Arranque Ducellier 6020E, 6020F, 6035E, 6035F, 6081E, ... <b>DODGE</b> 1500; <b>PEUGEOT</b> 504, 505.
<b>ZM 561</b> 	<b>DUCELLIER</b> 583079 612459 INDIEL 35640175  	12v. Arranque Ducellier 6183, 6187, 6203, 6216, 6220, 6231. <b>CITROEN;</b> <b>DAF;</b> <b>FIAT</b> 128; <b>PEUGEOT</b> 205L, GL, 505TI, 604, 504; <b>RENAULT</b> 4S, R5, R6, R12, R18.
<b>ZM 590</b> 	<b>VALEO</b> 502326  	12v. Arranque Valeo D6RA132, D6RA165, D6RA185, D6RA65, D6RA84. <b>PEUGEOT</b> 505 SRi; <b>RENAULT</b> 19 diesel, R21.



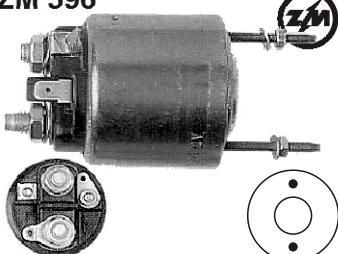
## Solenoides para Arranque

ZM 591		GENERAL MOTORS 90421722	12v.  CHEVROLET Corsa 1.0, 1.4.	Valeo
ZM 592		VALEO 104594 CED541 NE159	12v. Arranque Valeo 16756, D9E78, D9E79.  RENAULT 12, 4 TL, GTL, F6, L, 5 TL, TS, GTL, TX, Turbo, Alpine , Turbo, Trafic 1.4 (10.81=>10.97).	
ZM 593		VALEO NE134 NE140	12v. Arranque Paris-Rhône D10E81, D10E87, D9E100,...  PEUGEOT 505 Ti (03.83=>12.93); RENAULT Alpine A310, 2.5, 2.9V6, Espace 2.9, Safrane 3.0i.	
ZM 594		PARIS-RHONE 106142 106143	12v. Arranque Paris Rhône D9E39, D9E45, D9E52, D9E771, D9E772, D9R112, D10E85, D10E92, D10E921.  RENAULT Clio 1.0, 1.4, 1.4i, 1.7, 1.8, 1.8i, Express; VOLVO 340 1.7, 440, 480.	
ZM 1-594		PARIS-RHONE 104604 CED540 CED548	12v. Arranque P. Rhône D9E76, D9E77.  RENAULT Clio 1.9 D, 2.0 16v, Express 1.6, 1.9 D, R11 1.6 TD, R9 TD, GTD, TDE 1.6 D, R19; VOLVO 340 1.6 D.	
ZM 595		PARIS-RHÔNE 102217 CED528	12v. Arranque Paris-Rhone D9E38,D9E48, D9E49, D9E50, D9E51.  FIAT Tipo 1.6, 2.0; PEUGEOT; RENAULT 9, R11, R12; VOLVO.	



## Solenoides para Arranque

**ZM 596**



**PARIS-RHÔNE**

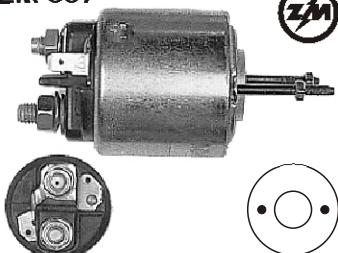
102295  
182458  
CED530  
**VALEO**  
NE421

12v.

**Valeo**

**CITROËN;**  
**PEUGEOT;**  
**RENAULT;**  
**VOLVO.**

**ZM 597**



**PARIS-RHÔNE**

103794  
105489  
CED529  
CED544  
CED568  
**VALEO**  
NE138  
NE420

12v. Arranque Paris-Rhone D9R91, D9R126.

**CITROËN;**  
**PEUGEOT** 205, 505;  
**RENAULT** Fuego, Master, R18, Trafic 2.0, 2.2;  
**VOLVO** 340 1.4, 343.

**ZM 1-597**



**VALEO**

181069  
CED549

12v. Arranque Paris Rhône D9R126, D9R91.

**LAND ROVER.**

**ZM 599**



**PARIS-RHÔNE**

CED569  
**VALEO**  
594047  
594048  
594119

12v. Arranque Valeo D5RA16, D5RA17, D6RA12, D6RA18, D6RA19, D6RA22.

**CITROËN** Berlingo 1.8 D, 1.9 D, C15 Diesel, Jumper 1.9 D, 2.0, 2.0 D, Xantia 1.6i, 1.8i, 1.9 D, 1.9 TD, 2.0i, Xsara 1.8, 1.8 16V, 1.9 D, 1.9 TD, ZX 1.6i.;  
**PEUGEOT** 205 Diesel, 306 1.8, 1.8i, 1.9 D, 2.0i, 2.0D, 405 1.6i, 1.8i, 1.9 D, 1.9 TD, 1.9 GRi, SRi, 2.0i, 406 1.6, 1.8, 1.9, 2.0, 2.1 D, 2.1 TD, 605 2.0 SL, SRI, 2.1 D, 2.1 TD, 3.0 SR, SV, 3.0 24V, 806 1.9 D, 2.0i, 2.0i Turbo, Boxer 2.0i.,

**ZM 501**



**BOSCH**

9331451025  
**WAPSA**  
22921

12v. Arranque Bosch 9000453004, 9000453006, 9000453009, 9000453012, 9000453014,...

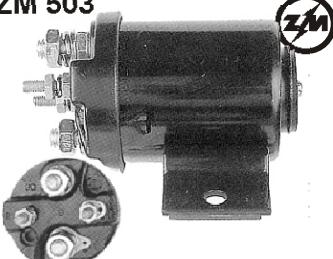
**Wapsa**

**CASE;** **CBT;** **CHEVROLET** brasileño; **CHRYSLER** camiones;  
**CLARK** tractores; **DODGE;**  
**FORD** camiones c/ motor MWM y c/ motor Perkins 6 cil.;  
**MASSEY-FERGUSON** tractores;  
**VALMET;**  
**VOLKSWAGEN.**



## Solenoides para Arranque

**ZM 503**



**BOSCH**

9331451030

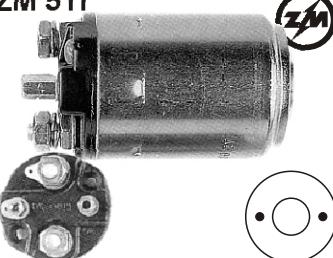
**WAPSA**  
22916

12v. Arranque Bosch 9000453038, 9000453042,  
9000453044, 9000453045, 9000453061.

**Wapsa**

**CLARK;**  
**FORD Galaxy, F100, F350, F600 nafta;**  
**HYSTER.**

**ZM 511**



**BOSCH**

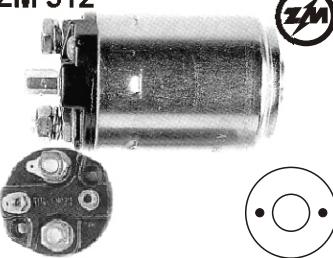
9331451008

**WAPSA**  
22932

12v. Arranque Bosch 9000451003, 9000451011;  
Wapsa MW-B-19.

**VOLKSWAGEN Gol, Saveiro, Passat c/ motor 1.6.**

**ZM 512**



**BOSCH**

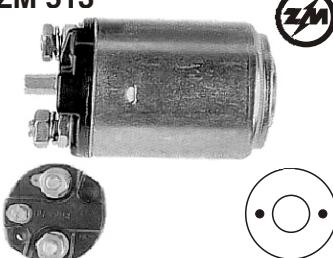
9331451013

**WAPSA**  
22934

12v. Arranque Bosch 9000451002; Wapsa MW-B-18.

**VOLKSWAGEN Gol, Senda diesel, Saveiro c/ motor 1.6.**

**ZM 513**



**BOSCH**

9331451010

**WAPSA**  
22917

12v. Arranque Bosch 9000452001, 9000452003;  
Wapsa MW-B-17.

**VOLKSWAGEN Senda, Saveiro, Kombi diesel.**

**ZM 518**



**BOSCH**

9331451016

**WAPSA**  
22928

12v. Arranque Bosch 9000453011, 9000453015, 9000453047,  
9000453050.

**FORD camión F4000 c/ motor diesel 4 cil., tractor 4600, 5600,  
6600 diesel 4 cil.**

**ZM 1-518**



**BOSCH**

9330451013

**WAPSA**  
23728

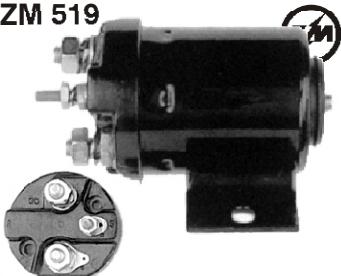
12v. Arranque Bosch 9000453047, 9000453050,...

**FORD Tractor 4600, 5600, 6600, F-4000 4 cil. Diesel.**



## Solenoides para Arranque

ZM 519



WAPSA  
22931

12v. Arranque Wapsa MP-B-50.

**Wapsa**

MASSEY FERGUSON tractor MF 295, 296 con motor Perkins 6-354 con 6 cil.



## Automáticos para Arranque

**ZM 403**



**BOSCH**  
0333006004  
0333006005  
0333006006

12v/24v. Automático p/ arranque JE.

**M. BENZ** camiones.

**ZM 404**



24v. Automático auxiliar p/ arranque

**UNIVERSAL.**

**ZM 401**



**FORD**  
B6AZ11450A  
D20F11450AB  
D20Z11450A  
D20Z11450B  
D2AF11450AA  
D2DF11450AA

12v. Automático p/ arranque (chanchita).

**FORD.**

**ZM 101**



**HONDA**  
35850KBB900

12v. Automático p/ arranque, c/fusible 15A.

**HONDA** CBX 200, NX 200 Strada, NXR 125, NXR 150, XLR 125, XR 200.

**ZM 102**



**HONDA**  
35851KBB900

12v. Automático p/ arranque, c/fusible 20A.

**HONDA** CBX 250 Twister, XR 250.

**ZM 103**



**HONDA**  
35850MCG000

12v. Automático p/ arranque, c/fusible 30A.

**HONDA** NX4 Falcon.



## Automáticos para Arranque

**ZM 111**



**HONDA**

35850KW1900  
35850KW1901  
35851MF5751  
35851MFS751  
35860KGA940

**MOTO**

12v. Automático p/ arranque, c/fusible 15A.

**HONDA** Biz, CG 125 ES, CG 150 Titan ES, NXR 125, NXR 150.

**ZM 112**



**HONDA**

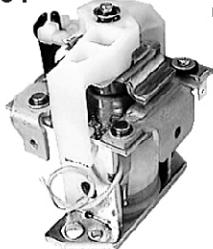
35850KAS930

**MOTO**

12v. Automático p/ arranque, c/fusible 20A.

**HONDA** NX 350 Sahara.

**ZM 901**



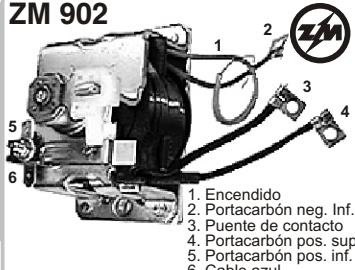
**BOSCH**

0331101006  
**CATERPILLAR**  
2Y 2397  
**FIAT**  
12008050300066

24v. Electroimán p/ arranque FKB - Bosch 9000084007, 9000084008, 9000084010, 9000084012, 9000084014.

**CATERPILLAR; CASE tractor 2470; CUMMINS;**  
**FIAT ALLIS** tractor Ad40;  
**IVECO;**  
**MASSEY FERGUSON; M. BENZ; MWM;**  
**SCANIA;**  
**VOLKSWAGEN; VOLVO.**

**ZM 902**



**BOSCH**

0331450001  
**CATERPILLAR**  
2Y 2398  
**FIAT**  
12000050300069

1. Encendido
2. Portacárbon neg. Inf.
3. Puente de contacto
4. Portacárbon pos. sup.
5. Portacárbon pos. inf.
6. Cable azul

24v. Negativo a masa, p/ arranque FKB

Bosch 9000084014, 9000084015, 9000084018, 9000084019, 9000084021.

**CATERPILLAR; CASE tractor 2470; CUMMINS;**  
**FIAT ALLIS** tractor Ad40;  
**IVECO;**  
**MASSEY FERGUSON; M. BENZ; MWM;**  
**SCANIA;**  
**VOLKSWAGEN; VOLVO.**

**ZM 903**



**BOSCH**

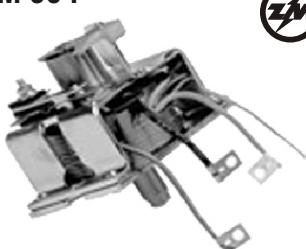
0331101005

24v. P/ arranque Bosch 0001410019, 0001410022, 9000084011, 9000084013, 9000084016, ...

**CATERPILLAR** Motor marítimo;  
**CUMMINS** Motores N, NT, NTA, NTTA 855;  
**DAF** SB 201 DSDL;  
**HANOMAG** F162, 192, 262;  
**MERCEDES-BENZ**;

**SCANIA** Chasis p/ ómnibus BR 116S (DS11), Motores Marítimos DN 11, DS 11, DS14, Plataforma p/ ómnibus K 112 (DN 11, DS 11)...;

**ZM 904**



**BOSCH**

0331450002

24v. Negativo aislado, p/ arranque Bosch 9000084011, 9000084013, 9000084016, 9000084020, 9000084025, ...

**CATERPILLAR** Motor marítimo;  
**CUMMINS** Motores N, NT, NTA, NTTA 855;  
**DAF** SB 201 DSDL;  
**HANOMAG** F162, 192, 262;  
**MERCEDES-BENZ**;  
**SCANIA** Chasis p/ ómnibus BR 116S (DS11), Motores Marítimos DN 11, DS 11, DS14, Plataforma p/ ómnibus K 112 (DN 11, DS 11)...;  
**VOLVO** camión FH 12 Globetrotter.



## Bobinas y Pistones p/Solenoides

**ZM 421**



**NIPPONDENSO**

128000714  
128000938

12v. Arranque OSGR Nippondenso 1.2, 1.4, 1.8 kw

**CHRYSLER;**  
**DODGE;**  
**HARLEY DAVIDSON** Motocicletas '89>'2001;  
**PLYMOUTH.**

**ZM 1-421**



**NIPPONDENSO**

128000781

12v. Arranque OSGR Nippondenso 1.2, 1.4 kw

**CHRYSLER;**  
**DODGE;**  
**HARLEY DAVIDSON** Motocicletas '89>'2001.

**ZM 419-93**



**NIPPONDENSO**

12v. Arranque Nippondenso OSGR 2.5 Kw

**ZM 420-93**



**NIPPONDENSO**

24v. Arranque Nippondenso OSGR 2.5 Kw

**ZM 450.94**



**D. REMY**

1988139  
1988775

12v. Arranques Delco 37 MT, 41 MT, 42 MT Series DD.

**ZM 1-590.94**



**VALEO**

12v. Pistón de cobre. Arranque Valeo D9E40, D9E42, D9E44, D9E46,...

**CITROËN;**  
**PEUGEOT;**  
**RENAULT;**  
**VOLVO.**



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