



M O T R A M

2018



R E S O R T E S D E G A S

RESORTES DE GAS

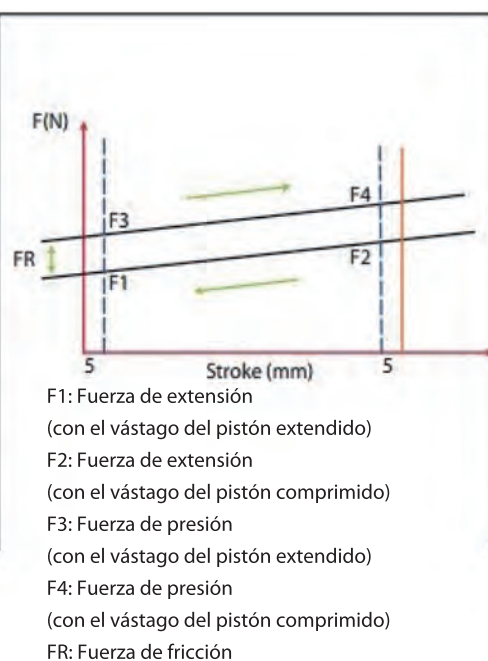


1.1 INSTRUCCIONES TÉCNICAS DE AMORTIGUADORES DE GAS

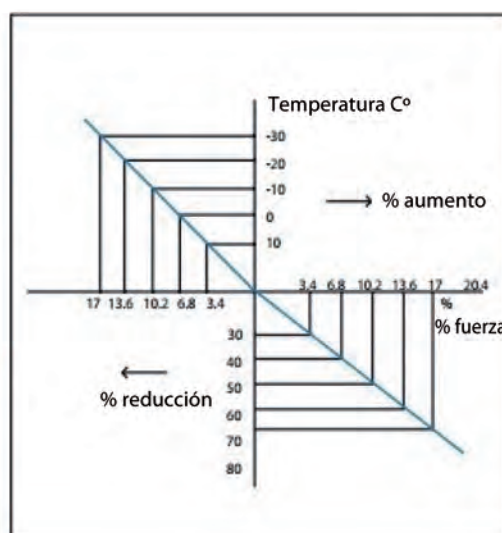


ESPECIFICACIONES DE LOS AMORTIGUADORES MOTRAM:	
REVESTIMIENTO DEL CILINDRO :	40+/-10 MICRA
RUGOSIDAD MEDIA DEL VÁSTAGO DEL PISTÓN:	MAX 0.10 RA
DUREZA DE LA SUPERFICIE DEL VÁSTAGO DEL PISTÓN:	MIN 450HV
PROFUNDIDAD DE NITRACIÓN:	25-30 MICRA
TUS TEST :	MIN 300 HORAS
PRUEBA DE RENDIMIENTO:	MIN 10KM RECORRIDO

FUERZA –Stroke: recorrido



TEMPERATURA VS. (FRENTE) FUERZA

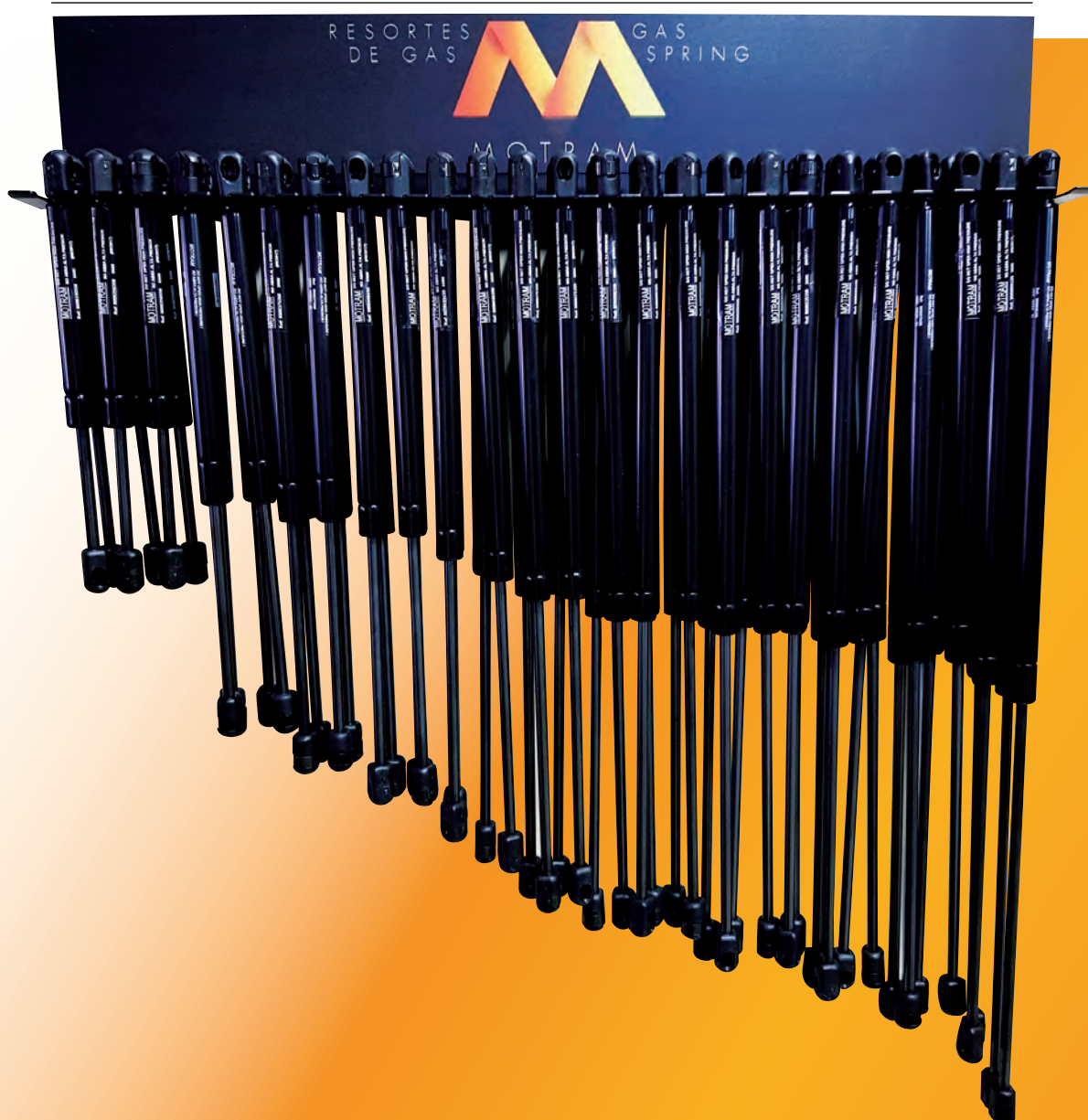




EXPOSITOR RESORTES GAS

1.2

605 mm



Ref. **380-01**

Expositor Metálico (vacío)

capacidad 25 soportes x 4 resortes total 100 resortes

RESORTES DE GAS MEDIDA 8/18

RESORTES DE GAS 150mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008150100	150	30	100
9008150150	150	30	150
9008150200	150	30	200

RESORTES DE GAS 175mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008175100	175	45	100
9008175150	175	45	150
9008175200	175	45	200

RESORTES DE GAS 200mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008200200	200	60	200
9008200350	200	60	350
9008200450	200	60	450
9008200550	200	60	550
9008200650	200	60	650

RESORTES DE GAS 225mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008225100	225	75	100
9008225150	225	75	150
9008225200	225	75	200
9008225400	225	75	400

RESORTES DE GAS 250mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008250200	250	80	200
9008250350	250	80	350
9008250450	250	80	450
9008250550	250	80	550
9008250650	250	80	650

RESORTES DE GAS 275mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008275200	275	100	200
9008275350	275	100	350
9008275450	275	100	450
9008275550	275	100	550
9008275650	275	100	650

RESORTES DE GAS **300mm**

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008300200	300	110	200
9008300350	300	110	350
9008300450	300	110	450
9008300550	300	110	550
9008300650	300	110	650

RESORTES DE GAS **325mm**

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008325200	325	125	200
9008325350	325	125	350
9008325450	325	125	450
9008325550	325	125	550
9008325650	325	125	650

RESORTES DE GAS **350mm**

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008350200	350	130	200
9008350350	350	130	350
9008350450	350	130	450
9008350550	350	130	550
9008350650	350	130	650

RESORTES DE GAS **375mm**

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008375200	375	145	200
9008375350	375	145	350
9008375450	375	145	450
9008375550	375	145	550
9008375650	375	145	650

RESORTES DE GAS MEDIDA 8/18

RESORTES DE GAS 400mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008400200	400	160	200
9008400350	400	160	350
9008400450	400	160	450
9008400550	400	160	550
9008400650	400	160	650

RESORTES DE GAS 425mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008425200	425	170	200
9008425350	425	170	350
9008425450	425	170	450
9008425550	425	170	550
9008425650	425	170	650

RESORTES DE GAS 450mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008450200	450	180	200
9008450350	450	180	350
9008450450	450	180	450
9008450550	450	180	550
9008450650	450	180	650
9008450750	450	180	750

RESORTES DE GAS 475mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008475200	475	192	200
9008475350	475	192	350
9008475450	475	192	450
9008475550	475	192	550
9008475650	475	192	650

RESORTES DE GAS 500mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008500200	500	200	200
9008500350	500	200	350
9008500450	500	200	450
9008500550	500	200	550
9008500650	500	200	650
9008500750	500	200	750

RESORTES DE GAS 525mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008525200	525	215	200
9008525350	525	215	350
9008525450	525	215	450
9008525550	525	215	550
9008525650	525	215	650

RESORTES DE GAS 550mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008550200	550	230	200
9008550350	550	230	350
9008550450	550	230	450
9008550550	550	230	550
9008550650	550	230	650
9008550750	550	230	750

RESORTES DE GAS 575mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008575200	575	240	200
9008575350	575	240	350
9008575450	575	240	450
9008575550	575	240	550
9008575650	575	240	650

RESORTES DE GAS MEDIDA 8/18

RESORTES DE GAS 600mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008600200	600	250	200
9008600350	600	250	350
9008600450	600	250	450
9008600550	600	250	550
9008600650	600	250	650
9008600750	600	250	750

RESORTES DE GAS 625mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008625200	625	270	200
9008625350	625	270	350
9008625450	625	270	450
9008625550	625	270	550
9008625650	625	270	650

RESORTES DE GAS 650mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008650200	650	285	200
9008650350	650	285	350
9008650450	650	285	450
9008650550	650	285	550
9008650650	650	285	650
9008650750	650	285	750

RESORTES DE GAS 700mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008700200	700	300	200
9008700350	700	300	350
9008700450	700	300	450
9008700550	700	300	550
9008700650	700	300	650
9008700750	700	300	750

RESORTES DE GAS 750mm

REFERENCIA	LONG. ABIERTA mm (L)	LONG. VARILLA (S-STROKE)	Nw (f1)
9008750200	750	330	200
9008750350	750	330	350
9008750450	750	330	450
9008750550	750	330	550
9008750650	750	330	650
9008750750	750	330	750

BRAND / MODEL	FRONT / REAR	YEAR	O.E	REFERENCE NUM
ALFA ROMEO				
145 (930)	R	94-01	605677940	9008300550
146 (930)	R	95-01	606048230	9008500350
146 (930)SPORT	R	95-01	606221670	9008500450
147 (937)	R	01-	467715510	9008425350
147 (937)	F	01-	46739202	9008350350
155 (167)	R	92-98	605405320	9008250200
155 (167)	F	92-98	605641120	9008650200
156 (932)	R	97-05	606510670	9008250350
156 (932)	F	97-05	60654724	9008375350
156 (932) SPORTS WAGON	R	97-05	60657685	9008350650
156 (932) SPORTSWAGON	F	97-05	60654724	9008400350
159	F	05-	60688574	9008600250
159	R	05-	60680087	----->
159 Sportwagon	F	05-	60688574	9008600250
159 Sportwagon	R	05-		----->
164 (164)	F	87-98	605582220	9008600200
164 (164)	R	91-97	605917620	9008250450
166 (936)	R	98-	606224240	9008250350
166 (936)	F	98-00	606589240	9008425450
ALFASUD Sprint (902.A)	R	76-89	60537380	9008300350
ALFETTA (116)	R	74-86	60701106	9008375200
BRERA (177)	R	01->	60680087	9008275350
BRERA (177)	F	01->	60688574	9008600200
GT	F	03-	46739202	9008350350
GT	R	03-	505 080 60	9008400450
MITO	R	08->	7634947	9008550200
SPIDER	R	95-00	606221670	9008500450
SUD SPRINT	R	79-87	605373800	----->
AUDI				
A2	R	00-05	8Z0827552A	9008500450
A3 (8L1)	F	96-03	8L0823359	9008500350
A3 (8L1)	R	96-00	8D9827552F	9008500450
A3 (8P1)	F	03-	8P0 823 359 B	----->
A3 (8P1)	R	03-	8P3 827 552 D	9008475450
A3 Sportback (8PA)	F	04-	8P0 823 359 B	----->
A3 Sportback (8PA)	R	04-	8P4 827 552 B	9008525450
A3 Descapotable	F	08-	8P0 823 359 B	----->
A3 Descapotable	R	08-	8P7 827 552 D	9008250350
A4 (8D2, B5)	F	95-00	8D0 823 359	----->
A4 (8D2, B5)	R	95-00	3B5 827 550 E	9008275550
A4 Avant (8D5, B5)	F	95-01	8D0823359	----->
A4 Avant (8D5, B5)	R	95-01	8D9827552	9008500450
A4 (8E2, B6)	F	00-04	8E0 823 359 A	----->
A4 (8E2, B6)	R	00-04	4B5 827 552 G	9008300650
A4 Avant (8E5, B6)	F	01-04	8E0 823 359 A	----->
A4 Avant (8E5, B6)	R	01-04	8E9 827 552 E	9008500550
A4 Descapotable (8H7, 8HE)	F	02-	8E0 823 359 A	----->
A4 Descapotable (8H7, 8HE)	R	02-	8H0 827 552B	9008300550
A4 (8EC)	F	04-	8E0 823 359 A	----->
A4 (8EC)	R	04-	8E5 827 552 J	9008300650
A4 Avant (8ED)	F	04-	8E0 823 359 A	----->
A4 Avant (8ED)	R	04-	8E9 827 552 G	9008450550
A4 (8K2)	F	07-	8T0 823 359	----->
A4 Avant (8K5)	F	08-	8T0 823 359	----->
A4 Avant (8K5)	R	08-	8K9 827 552	9008500450
A4 Allroad (8KH)	F	09-	8T0 823 359	----->
A4 Allroad (8KH)	R	09-	8K9827552A	9008500550
A4 Allroad (8KH)	R	09-	8K9827552B	9008500450
A5 (8T)	F	07-	8T0 823 359	----->
A5 Descapotable (8F)	F	09-	8T0 823 359	----->
A5 Descapotable (8F)	R	09-	8F0 827 550 A	9008300450

APLICACIONES

A6 (4A,C4)	R	09-	4A5 827 552	9008400350
A6 Avant (4A, C4)	R	09-	4B9827552A	9008625450
A6 (4B, C5)	F	97-05	4B3823359	----->
A6 (4B, C5)	R	97-05	4B5827552A	9008275650
A6 (4B, C5)	R	97-05	4B5827552F	9008300650
A6 Avant (4B, C5)	F	97-05	4B3823359	----->
A6 Avant (4B, C5)	R	97-05	4B9827552A	9008500650
A6 Avant (4B, C5)	R	97-05	4B9827552C	9008500650
ALLROAD (4BH)	F	00-05	4B0823359B	----->
ALLROAD (4BH)	R	00-05	3B0 823 359 A	9008500650
A6 (4F2)	F	04-	4F0 823 359 A	----->
A6 (4F2)	R	04-	4F5 827 552 B	----->
A6 Avant (4F5)	F	05-	4F0 823 359 A	----->
A6 Avant (4F5)	R	05-	4F9 827 552 B	9008475650
A6 Allroad (4FH)	F	06-	4F0 823 359 A	----->
A6 Allroad (4FH)	R	06-	4F9 827 552 B	9008475650
A8 (4D2,4D8)	F	94-02	4D0 823 359 F	9008525200
A8 (4D2,4D8)	R	94-02	4D0 827 551 B	9008400350
A8 (4E)	F	02-10	4E0 823 359 D	9008375350
A8 (4E)	R	02-10	4E0 827 551 A	9008400350
Q5 (8R)	F	08-	8R0 823 359 A	9008300350
Q5 (8R)	R	08-	8R0 827 552	9008500650
Q7 (4L)	F	06-	4L0 823 359	9008475200
Q7 (4L)	R	06-	4L0 827 552 C	9008500550
TT (8N3)	F	98-06	8N0823359	9008275550
TT (8N3)	R	98-06	8N8 827 552 B	9008400650
TT Roadster (8N9)	F	99-06	8N0 823 359	9008275450
TT Roadster (8N9)	R	99-06	8N7 827 552 A	9008400200
TT (8J3)	F	99-06	8J0 823 359 C	9008300450
TT (8J3)	R	99-06	8J8 827 552	9008450650
TT Roadster (8J9)	F	08-	8J0 823 359 C	9008300450
TT Roadster (8J9)	R	08-	8J7 827 552 A	9008325550
80 (89,89Q,8A,B3)	R	78-89	811 827 552	9008300450
80 (89,89Q,8A,B3)	R	78-89	811 827 552 A	9008300450
COUPE (81,85)	R	80-88	855 827 552 G	9008350200
QUATTRO (85)	R	80-91	855 827 552 G	9008350200
80 (89,89Q8AB3)	R	86-91	893 827 552	9008375550
80 (89,89Q8AB3)	R	86-91	893 827 552 A	9008375650
COUPE (89,8B)	R	88-96	895 827 552 A	9008600350
CABRIOLET (8G7,B4)	R	91-00	8G0 827 552 A	9008250650
CABRIOLET (8G7,B4)	R	91-00	8G0 827 552 C	9008250650
80(8C.B4)	R	91-94	8A5 827 552 A	9008275650
80 AVANT (8C, B4)	R	91-94	8A9 827 552 D	9008575500
90 (81,85,B2)	R	84-87	811 827 552	9008300450
90 (81,85,B2) SPOILER	R	84-87	811 827 552A	9008300450
100(44,44Q,C3)	F	92-90	4438233590	----->
100 AVANT (44,44Q,C3)	F	82-91	443 823 359 D	----->
100 AVANT (44,44Q,C3)	R	82-92	445 827 551	9008575450
101 (4A,C4)	R	01-	4A5 827 552	9008400350
101 AVANT (4A, C4)	R	82-92	4A9 827 552	9008625450
200 (44, 44Q)	F	83-91	443 823 359 C	----->
200 AVANT (44, 44Q)	F	83-91	443 823 359 C	----->
200 AVANT (44, 44Q)	R		445 827 551	9008475450
BMW				
1 (E81 , E87)	F	04 -	51237118370	9008375350
1 (E81 , E87)	R	04 -	51247060622	9008400450
1 COUPE (E 88)	F	07 -	51 23 7118 370	9008375350
1 DESCAPOTABLE (E88)	F	08 -	51237118370	9008375350
1 DESCAPOTABLE (E88)	R	08 -	41627166758	9008350200
3 TOURING (E30)	R	87-94	5124 1 947 096	9008625350
3 (E36)	R	90-98	5124 1 960 862	----->
3 COMPACT (E 36)	R	94-00	512 481 46 290	9008600350
3 COMPACT (E 36)	R	94-00	512 482 06 652	9008575350
3 COMPACT (E 36)	R	94-00	512 424 91 349	9008600450
3 COUPE (E 36)	R	92-99	51 24 1 960 862	----->

3 Descapotable (E36)y(E46)	R	93-99	51 24 1 960 862	----->
3 TOURING (E36)	R	95-99	51 24 8 171 158	9008500350
3 (E46)	R	98-05	51 24 4 212 802	9008350350
3 COMPACT (E 46)	F	01-05	51 23 8 202 688	9008300550
3 COMPACT (E 46)	R	01-05	51 24 7 038 248	9008200200
3 COUPE (E46)	F	99-	51 23 8 202 688	9008300550
3 COUPE (E46)	R	99-	51 24 4 212 802	9008350350
3 TOURING (E46)	F	99-05	51 23 8 202 688	9008300550
3 TOURING (E46)	R	99-05	51 24 8 232 873	9008525450
3 (E90)	F	05-	51 23 7 060 550	9008400350
3 (E90)	R	05-	51 24 4 365 787	9008350350
3 TOURING (E 91)	F	05-	51 243 7 060 550	9008400350
3 TOURING (E91)	R	05-	51 24 7 127 875	9008525450
3 COUPE (E 92)	F	06-	51 243 7 060 550	9008400350
3 COUPE (E92)	R	06-	51 247 129 194	9008350350
3 Descapotable (E93)	F	06-	51 23 7 060 550	9008400350
3 Descapotable (E93)	R	06-	51 24 7 129 215	9008550200
5 (E34)	R	87-96	51 24 1 934 270	
5 (E 34) SPOILER	R	87-97	51 24 2 231 663	----->
5(E 39)	F	95-03	51 23 8 174 866	9008325650
5 TOURING (E39)	F	97-04	51 23 8 174 866	9008325650
5 TOURING (E39)	R	03-	51 24 8 190 688	----->
5 (E60)	F	04-	51 23 7 008 745	9008300350
5 TOURING (E61)	F	04-	52 23 7 008 745	9008300350
6 (E63)	R	86-94	51 24 7 008 764	9008425350
7 (E32)	F	94-01	51 23 1 908 465	----->
7 (E32)	F	94-01	51 23 8 150 077	----->
7 (E38)	F	01-	51 23 8 174 152	9008325550
7 (E65, E66)	F	04-	51 23 8 240 596	----->
X3 (E83)	F	04-	51 23 3 400 352	----->
X3 (E83)	R	00-	51 24 3 400 379	9008625550
X5 (E53)	F	00-	51 23 8 402 551	----->
X5 (E53)	R	07-	51 24 8 402 405	9008525550
X5 (E70)	F	95-03	51 23 7 148 346	9008400350
Z3	R	03-	51 24 8 399 087	9008200650
Z4 (E85) Y (E89)	R	00-03	51 24 7 016 186	----->
Z4 COUPE	F	00-03	51 23 7 016 178	9008650200
Z4 COUPE	R		51 24 7 016 186	----->
CHRYSLER				
VOYAGER (T)	R	02-00	04894554AB	----->
PT CRUISER (PT)	R	00-	04724743AD	9008575650
VOYAGER II (GS)	R	95-01	04675806	----->
CITROEN				
AX	R	86-98	9563195680	9008550350
BERLINGO (MF)	R	96-00	8731.E0	----->
BERLINGO FURGON (M_)	R	96-	8731.E0	----->
BX BREAK (XB-)	R	83-94	9560649080	9008650450
CX II BREAK	R	85-92	5490307	----->
C1 (PM_PN_)	R	05-	8731.L0	9008550350
C2(JM_)	R	03-	8731.H8	9008450350
C3(FC_)	R	02-	8731.G3	9008425450
C4(LC_)	R	04-	8731.J8	9008525450
C4 COUPE (LA_)	R	04-	8731.K0	9008550550
C4 PICASSO(UD_)	R	07-	8731.P4	9008625550
C4 GRAND PICASSO (UA_)	R	06-	8731.N9	9008575650
C5(DC_)	F	01-04	7925.14	9008500200
C5(DC_)	R	01-04	8731.F6	9008500450
C5 BREAK (DE_),(RE_)	F	01-04	7925.14	9008500200
C5 BREAK (DE_),(RE_)	R	01-04	8731.F6	9008275200
C5 (RC_)	F	04-	7925.14	9008500200
C5(RC_)	R	04-	8731.F6	9008475550
C8(EA_EB_)	R	02-	8731.G6	----->
EVASION (22,U6)	R	94-02	51023300	9008625650
SAXO (S0,S1)	R	96-04	8731.C0	9008600350
XANTIA (X1)	R	93-98	873196	9008600650

APLICACIONES

XANTIA BREAK (X1)	R	95-98	8731.A8	9008575450
XANTIA (X2)	R	98-03	8731.C3	9008600650
XANTIA BREAK (X2)	R	98-03	8731.A8	9008575450
XM (Y3,Y4)	F	89-94	9563914480	9008525200
XM BREAK (Y3,Y4)	F	89-00	9563914480	9008525200
XM BREAK (Y3,Y4)	R	89-00	96 026 964	9008625650
XSARA (N1),XSARA COUPE (N0)	F	97-05	792511	9008450350
XSARA (N1),XSARA COUPE (N0)	F	97-05	792513	9008575450
XSARA (N1),XSARA COUPE (N0)	R	97-05	9620677480	9008625350
XSARA BREAK (N2)	F	97-05	792511	9008450350
XSARA BREAK (N2)	F	97-05	792513	9008575450
XSARA BREAK (N2)	R	97-05	8731.E4	9008650450
XSARA PICASSO (N68)	R	99-	8731.F1	9008625350
ZX(N2)	R	91-97	9612361280	9008600350
ZX(N2)	R	91-97	9602754380	9008600350
ZX BREAK (N2)	R	93-98	8731.94	9008525550
DAEWOO				
KALOS (KLAS)	R	02-	96540939	9008375350
LACETTI Fastback (KLAN)	R	04-	96548931	9008450550
LANOS (KLAT)	R	97-	96548931	9008475450
MATIZ (KLYA)	R	98-	96314606	9008475350
NEXIA (KLETN)	R	95-97	90159607	9008550350
NEXIA Sedán (KLETN)	R	95-97	96301822	9008425550
NUBIRA Sedán (KLAJ)	R	97-	96306833	9008425550
NUBIRA Wagon (KLAJ)	R	97-	96306833	9008450450
NUBIRA Sedán (KLAN)	R	03-	96557530	9008325350
FIAT				
BRAVA (182)	R	95-02	77697370	9008500350
BRAVO (182)	R	95-01	77747070	9008450350
BRAVO	R	07-	51812267	9008500350
CINQUECENTO (170)	R	91-99	76349470	9008550200
COUPE (FA/175)	R	93-00	46304290	9008650200
CROMA (194)	R	05-	51734960	9008625450
DUNA (146 B),DUNA Weekend (146 B)	R	87-91	7516691	9008525550
GRANDE PUNTO (199)	R	05-	51702090	9008425350
IDEA	R	03-	46830389	9008450450
MAREA Weekend (185)	R	96-	46420780	9008500450
MULTIPLA (186)	F	99-	46559850	9008200200
MULTIPLA (186)	R	99-	46514867	9008500550
PALIO (178BX)	R	96-	46530124	9008475350
PALIO Weekend (178DX)	R	96-	46524047	9008500550
PANDA (169), PANDA Van (169)	R	03-	46827091	9008500350
PUNTO (176)	R	93-99	77345660	9008425350
PUNTO Descapotable (176C)	R	94-00	46 720 766	9008375200
PUNTO Van (176L)	R	96-00	7734566	9008425350
PUNTO (188), PUNTO Van (188AX)	R	99-	46744596	9008450350
PUNTO (188), PUNTO Van (188AX)	R	99-	46524678	9008425350
PUNTO EVO	R	09-	5177 8432	9008425350
REGATA Weekend	R	84-91	5981660	9008525350
SEDICI	R	06-	9639853880	9008425450
SEICENTO (187)	R	98-	7634947	9008550200
STILO (192)	F	01-	46784590	9008500200
STILO (192) 3 DOORS	R	01-	46784994	9008425450
STILO (192) 5 DOORS	R	01-	46784995	9008500350
STILO Multi Wagon (192)	F	03-	46784590	9008500200
STILO Multi Wagon (192) WIPER/LIMPIA	R	03-	46812168	9008375200
STILO Multi Wagon (192)	R	03-	51716996	----->
STILO Multi Wagon (192)	R	03-	51716995	----->
TEMPRA S.W. (159)	R	90-97	7606304	9008625350
ULYSSE (220)	R	94-02	9630698380	9008625650
ULYSSE (179AX)	R	02-	1489342080	9008625550
UNO (146A/E)	R	83-00	5993542	9008575450
UNO (146A/E)	R	83-00	7636049	9008550350
500	R	07-	51785412	9008450350

DUCATO Panorama (280)	R	82-90	442 4045	----->
DUCATO Furgón (280), (290)	R	82-90	4424045	----->
DUCATO Panorama (290)	R	90-94	4424045	----->
DUCATO Furgón (230L)	R	94-02	44240450	----->
TALENTO Furgón (290)	R	89-94	44240450	----->
FORD				
ESCORT	R	91-92	91ABA406A10A1E	9008550550
ESCORT CABRIOLET MK V	R	90-92	V91ABL406A10AB	----->
ESCORT III , IV	R	83-85	1640343	9008575200
ESCORT III , IV+A268:AL324	R	83-85	1640344	9008575350
ESCORT III Ranchera familiar	R	83-85	1632757	9008575450
ESCORT III Ranchera familiar	R	83-85	1650686	9008575350
ESCORT III,IV Descapotable (ALD)	R	83-90	1621830	9008300350
ESCORT III,IV Descapotable (ALD)	R	83-90	1652255	9008275350
ESCORT IV Ranchera familiar (AWF.AVF)	R	85-90	1650686	9008575350
ESCORT IV Ranchera familiar (AWF.AVF)	R	85-90	1650688	9008575350
ESCORT IV Ranchera familiar (AWF.AVF)	R	85-90	1650687	9008575450
ESCORT V (GAL)	R	90-92	6482292	9008550350
ESCORT V (GAL)	R	90-92	6614161	9008550350
ESCORT V (GAL) 1.8 16V XR3i	R	92-92	91AB A406A10 C1	9008550450
ESCORT V (GAL) RS 2000	R	91-92	6482292	9008550350
ESCORT V (GAL) RS 2000	R	91-92	6614161	9008550350
ESCORT Ranchera familiar (GAL,AVL)	R	91-92	1075742	9008525450
ESCORT V Descapotable (ALL)	R	90-92	1666591	----->
ESCORT VI, VII	R	92-95	6900216	9008525450
ESCORT VI, VII	R	92-95	6900217	9008525550
ESCORT VI (GAL)1.8 XR3i 16V 4x4	R	93-95	91AB A406A10 C1	9008550450
ESCORT VI,VII Sedán	R	93-95	91ABA406A10B1E	9008525450
ESCORT VI,VII Ranchera familiar	R	92-95	1075742	9008525450
ESCORT VI,VII Descapotable (ALL)	R	92-94	V91 AB L406A10 AB	----->
ESCORT CLASSIC (AAL, ABL)	R	98-00	6900216	9008525450
ESCORT CLASSIC (AAL, ABL)	R	98-00	6900217	9008525550
ESCORT CLASSIC Turnier (ANL)	R	99-0	6187407	9008525450
ESCORT TURNIER MKIII/IV	R	80-90	86ABW406A10CA	9008575450
ESCORT XR3	R	86-89	86ABB406A10HA	9008575450
ESCORT XR3	R	89-90	89ABB406A10HA	9008575450
FIESTA II (FBD)	R	83-89	84FBB406A10DB	9008600350
FIESTA II (FBD)	R	83-89	84FBB406A10DB	9008600350
FIESTA III (GFJ)	R	89-97	6734732	9008550550
FIESTA III (GFJ)	R	89-97	6965594	9008575200
FIESTA III (GFJ)	R	89-97	6734734	9008550650
FIESTA III (GFJ)	R	89-97	6965595	9008575350
FIESTA IV (JA_, JB_)	R	95-02	96FBB406A10BA	9008575350
FIESTA V (JH_, JD_)	R	01-	1141159	9008600450
FIESTA V (JH_, JD_)	R	01-	2S51B406A10AD	9008625575
FIESTA Furgón (J5_, J3_)	R	98-	96FBB406A10BA	9008575350
FIESTA Van	R	03-	1141159	9008600450
FOCUS (DAW, DBW)	R	98-04	1150277	9008450650
FOCUS (DAW, DBW)	R	98-05	1313218	9008450650
FOCUS Ranchera familiar (DNW)	R	99-04	XS41 N406A10 AE	9008500550
FOCUS C-MAX	R	03-07	1252806	9008550450
C-MAX	R	07-	1252377	9008550450
FOCUS II (DA_)	R	04-	1321021	9008475550
FOCUS II Sedán (DA_)	R	05-	1336159	----->
FOCUS II Turnier (DAW_)	R	04-	1 349 309	9008575450
FUSION (JU_)	R	02-	1212586	9008550550
GALAXY	R	95-06	1009060	----->
KA (RB_)	R	96-08	1595688	9008450350
KA	R	09-	9551-B460A10-AA	9008400350
MONDEO I,II	R	93-96	1020155	9008550550
MONDEO I,II	R	93-96	1020156	9008550550
MONDEO I,II,III Sedán	R	93-96	6789158	9008250550
MONDEO I,II,III Sedán	R	93-96	6844981	9008250650
MONDEO I,II Ranchera familiar	R	93-96	6744000	9008450650
MONDEO III	F	00-07	1120812	9008250650

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MONDEO III	R	00-07	1119688	9008525550
MONDEO III, Ranchero familiar	F	00-07	1120812	9008250650
MONDEO III, Ranchero familiar	R	00-07	1232189	9008550450
MONDEO IV	R	07-	1484371	9008550650
MONDEO IV Sedán	R	07-	1460258	9008375550
MONDEO IV Turnier	R	07-	1477988	9008525550
PUMA	R	97-02	1034930	9008550200
SCORPIO I	R	85-94	1661166	9008500650
SCORPIO Ranchera I,II	R	94-98	6962811	9008575450
SCORPIO II	F	94-98	7245797	9008550350
SIERRA Fastback	R	82-87	1637862	9008475450
SIERRA Fastback	R	82-87	1637863	9008475550
SIERRA Ranchera Familiar	R	82-86	6152828	9008475450
SIERRA Ranchera Familiar	R	82-86	1637864	9008475450
SIERRA	R	87-93	83BB A406A10 AB	9008475550
SIERRA	R	87-93	83BB A406A10 BB	9008475550
TOURNEO/TRANSIT CONNECT	R	02-	4378216	9008650450
HONDA				
ACCORD VII (CG, CK)	R	98-02	74820S1CE013C1	9008550650
ACCORD VII Hatchback (CH)	R	99-02	74820-S1C-E01	9008550650
ACCORD VII Coupé (CG)	R	98-02	74820S1CE013C1	9008550650
ACCORD VIII Tourer (CM_)	R	03-	04741-SED-900	----->
CIVIC III Hatchback (EC, ED, EE)	R	87-93	74820-SH3-003	9008625200
CIVIC IV Hatchback (EG)	R	91-95	74820-SR3-003	9008450200
CIVIC IV Fastback (MA, MB)	R	94-97	74820-ST3-E01	9008500450
CIVIC V Fastback (MB)	R	97-01	74820-ST3-E52	9008500450
CIVIC V Coupé (EJ6, EJ8)	R	96-00	74820-ST3-E52	9008500450
CIVIC V Aerodeck	R	98-01	74820-S1E-E01	9008475550
CIVIC VI Hatchback (EU, EP, ES)	R	00-05	74820-S5S-E01	9008550350
CIVIC VI Hatchback (EU, EP, ES)	R	00-05	74820-S6D-E01	9008500450
CIVIC VI (EU), 5 DOORS	R	01-05	04741S6A000	9008500450
CIVIC VI (EU), 3 DOORS	R	01-05	74820S6DE1	9008550350
CIVIC VII Hatchback (FD_)	R	05-	74820-SMG-E01	GN625450
CONCERTO (HW)	R	89-96	74820-SK3-E20	----->
CR-V I (RD)	R	95-02	04741S10000	9008525200
CR-V III	R	06-	74820-SWA-A01	9008625550
CRX II (ED, EE)	R	87-92	74820-SH2-003	9008525350
CRX III (EH, EG)	R	92-98	74820-SR2-305	9008375200
JAZZ II (GD)	R	02-08	04741-SAA-000	9008400550
STREAM (RN)	R	01-	04741-S7A-000	----->
HYUNDAI				
ACCENT (X-3)	R	94-00	81770-22200	9008525450
ACCENT (MC)	R	05-	81770-25220	9008575550
ACCENT (MC)	R	01-	81770-02030	9008600350
ACCENT (MC)	R	01-	81770-06010	9008450450
COUPE (RD)	R	96-02	81770-27011	----->
COUPE (GK)	F	01-	811612C000	9008425350
COUPE (GK)	R	01-	817712C010	9008525450
COUPE (GK), SPOILER	R	01-	817712C020	9008525550
ELANTRA (XD)	R	00-	81771-2D210	9008475550
ELANTRA (XD), SPOILER	R	00-	81771-2D220	9008475650
ELANTRA Sedán (XD)	R	00-	81771-2D210	9008475650
GETZ (TB)	R	02-	81770-1C000	9008475350
H100 Furgón	R RIGHT	93-00	8395043012	----->
H100 Furgón	R LEFT	93-00	8396043012	----->
i10	R	07-	81770-0X000	9008450350
i20	R	08-	81770-1J000	9008400450
i30	R	07-	81770-2L000	9008550350
LANTRA II Wagon (J2)	R	96-	81771-29200	9008500450
MATRIX (FC)	R	01-	81770-17030	9008550650
SANTA FE (SM)	F	01-	8116126000	9008425350
SANTA FE (SM)	R	01-	8717126010	9008425200
SANTA FE (SM)	R	01-	8717026010	9008550550
SANTA FE (CM)	F	06-	8116126000	9008425350

SONATA IV (EU4)	F	01-04	81161-3D000	9008475350
SONATA IV (EU4)	R	01-04	81771-3D000	----->
SONATA IV (EU4)	R	05-	81771-3K000	9008300550
STAREX (H1)	R RIGHT	97-	8395043012	----->
STAREX (H1)	R LEFT	97-	8396043012	----->
TRAJET (FO)	R	00-	8177-13-A00	9008550650
TUCSON (JM)	R	04-	87170-2E020	9008375200
TUCSON (JM)	R	04-	81771-2E000	9008500550
JAGUAR				
XJ (XJ 40, 81), (X300)	R	86-94	BBC 2856	9008400350
JEEP				
CHEROKEE (XJ)	R	84-	G0004296	9008600650
CHEROKEE (KJ)	R	01-	55360171	9008450200
GRAND CHEROKEE III	F	05-	55394472AA	9008325350
GRAND CHEROKEE III	R	05-	55394245AB	9008375200
GRAND CHEROKEE III	R	05-	55394323AA	9008500550
KIA				
CARENS II (FJ)	R	02-	0K2FB62620	9008500450
CARNIVAL II (GQ)	F	01-	0K53Y-56-620	9008375450
CARNIVAL III (UVP_)	R	05-	81771-4D000	9008375450
CEE'D Fastback (ED)	R	06-	81770-1H010	9008400450
SPORTAGE (JE_)	R	04-	81770-1F010	9008550550
LADA				
NIVA (2121)	R	87-95	21086308015	9008425350
SAMARA (2108, 2109)	R	86-99	2108-6308010	9008450350
LANCIA				
DEDRA (835)	R	89-99	82437256	9008250450
DEDRA SW (835)	R	94-99	46725028	9008525350
DELTA I (831AB0)	R	79-94	82336687	9008500450
DELTA II (836) SPORT	R	93-99	824597740	----->
DELTA III	R	08-	51809199	9008625350
KAPPA (838A)	F	94-01	82486283	9008575450
KAPPA (838A)	R	94-01	4642955070	----->
KAPPA SW (838B)	F	96-01	82486283	9008575450
KAPPA SW (838B)	R	96-01	46309135	9008550450
KAPPA Coupé (838)	R	96-01	824862830	9008575450
LAND ROVER				
FREELANDER (LN)	R	98-	ASR1958	9008650200
RANGE ROVER I (AE, AN, HAA, HAB, HAM, HBM, RE, RN)	R	70-94	MXC7833	9008500200
RANGE ROVER II (LP)	R	94-02	ALR1050	9008400350
MAZDA				
121 III (JASM, JBSM)	T	96-	93FBB406A10BA	9008575350
323 III	R	85-89	B1287F25	9008650350
121 III (JASM, JBSM)	R	96-	96FBB406A10BA	9008575350
2 (DY)	R	03-	DD10-62-620	9008550550
323 III (BF)	R RIGHT	85-90	B1287F25	9008650350
323 III (BF)	R LEFT		B1287F26	9008650350
3 (BK)	R	03-	BP4K-62-620A	9008525350
3 Sedán (BK)	R	00-06	BN8W-56-930	9008250450
6 Hatchback (GG)	R	40582	GJ6J-62-620	9008575450
6 (GG)	R	02-	GJ6E-56-930	----->
6 Station Wagon (GY)	R	02-	6G1B-63-620B	9008500450
MX-5 III (NC)	R	05-	NF79-56-930B	----->
MERCEDEZ				
CLASE A (W168)	R	97-04	168 980 01 64	9008525450
CLASE A (W169)	R	04-	169 740 03 45	9008475450
CLASE B (W245)	R	05-	169 980 08 64	9008525450
VANEO (414)	R	02-	414 980 00 64	----->
CLASE C (W202)	F	93-00	202 880 0029	----->
CLASE C Ranchera familiar (S202)	R	96-00	202 880 0029	----->
CLASE C Ranchera familiar (S202)	R	96-00	202 980 03 64	9008475450
CLASE C (W203)	F RIGHT	00-	203 880 00 29	9008550350
CLASE C (W203)	F LEFT	00-	203 880 04 29	9008550350

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CLASE C T-Model (S203)	F RIGHT	01-	203 880 00 29	9008550350
CLASE C T-Model (S203)	F LEFT	01-	203 880 04 29	9008550350
CLASE C T-Model (S203)	R	01-	203 740 00 45	9008500450
CLASE C Coupé (CL203)	F RIGHT	01-	203 880 00 29	9008550350
CLASE C Coupé (CL203)	F LEFT	01-	203 880 04 29	9008525350
CLASE C (W204), T-Model (S204)	F	07-	204 980 00 64	9008650350
CLK (C208)	R	97-02	208 880 00 29	9008450450
CLK Descapotable (A208)	R	98-02	208 880 00 29	9008450450
CLK (C209)	F RIGHT	01-	203 880 00 29	9008550350
CLK (C209)	F LEFT	01-	203 880 04 29	9008525350
CLK Descapotable (A209)	F RIGHT	01-	203 880 00 29	9008550350
CLK Descapotable (A209)	F LEFT	01-	203 880 04 29	9008525350
CLK Descapotable (A209)	R	01-	209 980 00 64	9008250550
KOMBI Ranchera familiar (S123)	R	01-	123 980 00 64	----->
CABRIOLET (A124)	R	91-93	124 750 06 36	----->
CLASE E Ranchera familiar (S124)		93-96	124 980 01 64	----->
CLASE E Coupe (C124)		93-97	124 980 01 64	----->
CLASE E Descapotable (A124)	R	93-98	124 750 06 36	----->
CLASE E (W210)	F	95-02	210 880 02 29	9008450550
CLASE E Ranchera familiar (S210)	F	96-03	210 880 02 29	9008450550
CLASE E Ranchera familiar (S210)	R	96-03	001 980 80 64	----->
CLASE E (W211)	F	02-	211 880 00 29	9008675200
CLASE E T-Model (S211)	F	03-	211 880 00 29	9008675200
CLASE E T-Model (S211)	R	03-	211 980 03 64	----->
CLASE E (W212), Coupé (C207)	F	09-	204 880 00 29	9008625350
CLASE S (W220)	F	98-05	220 880 03 29	9008575200
CLASE S (W221)	F	05-	221 880 03 29	9008300650
CLASE S Coupé (C215)	F	99-06	215 880 00 29	----->
CLASE S Coupé (C216)	F	06-	221 880 03 29	9008300650
CLS (C219)	F	04-	A 169 980 07 64	9008675200
SL (R230)	F	01-	230 880 0029	----->
SL (R230)	R	01-	230 750 0036	9008400550
SL (R230)	R	01-	230 980 0164	9008325650
SL (R230)	R	01-	230 980 0264	9008400450
SLK (R170)	R	01-	170 750 00 36	9008350450
SLK (R171)	F RIGHT	04-	A1718800129	9008550350
SLK (R171)	F LEFT	04-	A1719800164	9008650350
SLK (R171)	R	04-	A1717500036	----->
CLASE M (W163)	F	98-05	163 880 00 29	----->
CLASE M (W163)	R	98-05	163 740 00 45	9008625550
CLASE M (W164)	F RIGHT	05-	164 880 01 29	9008575350
CLASE M (W164)	F LEFT	05-	164 880 00 29	9008550350
CLASE M (W164)	R	05-	164 740 01 45	9008550650
CLASE V (638/2)	R	96-03	638 980 03 64	----->
VIANO (W639)	R	03-	639 980 01 64	9008650650
VITO Furgón (638)	R	97-03	638 980 03 64	----->
VITO Furgón (W639)	R	03-	639 980 01 64	9008650650
MINI				
MINI One/cooper	F	01-	41 61 6 801 259	9008475350
MINI One/cooper	R		41 62 6 801 258	9008575350
MITSUBISHI				
CARISMA (DA_) Sedán (DA_)	R	95-06	MB927791	9008550450
CARISMA (DA_) Sedán (DA_), SPOILER	R	95-06	MR101555	9008550550
COLT IV (CA_A)	R	92-96	MB819909	9008450200
COLT V (CJ_A)	R RIGHT	95-05	MB264532	9008450200
COLT V (CJ_A)	R LEFT	95-05	MB264531	9008450200
COLT VI ,5 DOORS	R	04-	MR959247	9008575450
COLT VI, 3 DOORS	R	04-		9008425450
GALANT IV (E3_A)	R	88-92		9008650450
GALANT VI Ranchera familiar (EA_)	R	96-03	MR349194	9008575650
LANCER V Station Wagon (CB_W, CD_W)	R	92-03	5802A050	9008575450
LANCER Ranchera familiar (CS_W)	R	03-	MR991807	9008450550
OUTLANDER I	R	03-	MR991807	9008450550
OUTLANDER II	R	06-	5802A007	9008475450
SPACE WAGON (N5_W)	R	98-	MR415174	9008500650

SPACE STAR (DG0)	R	98-	MR248939	9008550450
NISSAN				
ALMERA II Hatchback (N16)	R	00-	90450-BM425	9008525350
ALMERA TINO (V10)	R	00-	90450-BU000	9008500550
BLUEBIRD Hatchback (T72, T12)	R	85-92	90450-D5500	----->
KUBISTAR (X76)	R	03-	77 00 303 186	----->
MAXIMA QX (A32)	R	94-00	65470-40U10	9008375350
MICRA (K11)	R	92-03	90450-4F110	9008550350
MICRA (K12)	R	03-	90450-AX000	9008500350
NOTE (E11)	R	06-	90450-9U00A	9008575450
PATHFINDER (R50)	R	97-04	90450-1W302	9008525650
PATHFINDER (R50)	R	97-04	90460-1W301	9008475200
PRIMERA Hatchback (P10)	R	90-96	90452-3F227	9008575350
PRIMERA Hatchback (P10), SPOILER	R	90-96	90452-3F226	9008575350
PRIMERA (P10)	R	90-96	84430-90J00	9008250550
PRIMERA (P10), SPOILER	R	90-96	84430-90J10	9008250450
PRIMERA Traveller (W10)	R	90-98	90450-79N00	9008550350
PRIMERA Hatchback (P11)	R	96-02	90452-2F725	9008500650
PRIMERA (P11)	R	96-01	84430-2F000	9008300450
PRIMERA Traveller (WP11)	R	96-01	90452-8F825	9008525650
PRIMERA Hatchback (P12)	R	02-	90452-AU200	9008525550
PRIMERA (P12)	R	02-	84430-AV600	9008250550
PRIMERA Ranchera familiar (WP12)	R	02-	90452-AV700	9008450550
QASHQAI (J10, JJ10)	R	07-	90450-JD01B	9008500350
SERENA (C23M)	R	92-	90451-9C100	----->
SUNNY I Coupé (B11)	R	82-90	90450-11A01	9008625200
SUNNY II Hatchback (N13), SPOILER	R	86-90	90450-50M00	9008525200
SUNNY II Hatchback (N13)	R	86-90	90450-50M10	9008525350
SUNNY III (N14)	R RIGHT	90-95	90450-54C26	9008525550
SUNNY III (N14)	R LEFT	90-95	90451-54C25	9008525550
SUNNY III Traveller (Y10)	R	90-00	90450-73R00	9008600350
X-TRAIL (T30)	R	01-	90450-EQ325	9008525450
OPEL				
AGILA (H00)	R	00-	9212659	9008625450
ASCONA C Fastback (84_, 89_) ,SPOILER	R	81-88	132691	9008500350
ASCONA C Fastback (84_, 89_)	R	81-88	132693	9008500450
ASTRA F Fastback (53_, 54_, 58_, 59_)	R	91-98	132721	9008575350
ASTRA F Ranchera familiar (51_, 52_) ,SPEAKER	R	91-93	132720	9008500550
ASTRA F Ranchera familiar (51_, 52_)	R	91-93	132719	9008500650
ASTRA F Descapotable (53_B)	R	93-01	176604	----->
ASTRA F Van (55_)	R	91-99	132719	9008500650
ASTRA F CLASSIC Ranchera familiar	R	98-05	132720	9008500550
ASTRA G Fastback (F48_, F08_)	R	98-05	132677	9008525450
ASTRA G Ranchera familiar (F35_)	R	98-04	132739	9008575550
ASTRA G Furgón (F70)	R	99-05	90559245	9008550550
ASTRA H	R	04-	132743	9008400450
ASTRA H Sedán	F	07-	1180405	9008525350
ASTRA H GTC	F	05-	1 180 405	9008525350
ASTRA H GTC	R	05-	13220159	9008475350
ASTRA H Ranchera familiar	F	05-	1 180 405	9008525350
ASTRA H Ranchera familiar	R	05-	132757	9008450550
ASTRA H TwinTop	F	05-	1 180 405	9008525350
ASTRA H TwinTop	R	05-	13197839	9008400450
CALIBRA A (85_)	R	90-97	132717	9008550450
COMBO (71_)	R	94-01	132718	9008525350
COMBO Furgón/ranchera familiar	R	01-	0132 670	9008450350
CORSA A,TR Fastback (93_, 94_, 98_, 99_)	R	82-93	132712	9008600450
CORSA A,TR Fastback (93_, 94_, 98_, 99_) ,WIPER-LIMPIA	R	82-93	132713	9008600550
CORSA B (73_, 78_, 79_) ,3 DOORS	R	93-00	90481269	9008525350
CORSA B (73_, 78_, 79_) , WIPER-LIMPIA	R	93-01	90481270	9008525350
CORSA B (73_, 78_, 79_) , 5 DOORS	R	93-02	90388707	9008550350
CORSA C (F08, F68)	R	00-	132670	9008450350
CORSA C Furgón (F08, W5L)	R	00-	9114311	9008450350
CORSA D	R	06-	1 76 414	9008600200

APLICACIONES

FRONTERA B (6B_)	R	98-	97211748	9008500200
KADETT D Ranchera familiar (35_, 36_, 45_, 46_)	R	79-84	1 32 686	9008575650
KADETT E Fastback (33_, 34_, 43_, 44_)	R	84-91	90191920	9008550350
KADETT E Fastback (33_, 34_, 43_, 44_) , WIPER-LIMPIA	R	84-91	90159607	9008550350
KADETT E Fastback (33_, 34_, 43_, 44_) ,SPOILER	R	84-91	90191627	9008550450
KADETT E Ranchera familiar (35_, 36_, 45_, 46_)	R	84-91	90196023	----->
KADETT E Ranchera familiar (35_, 36_, 45_, 46_) , WIPER-LIMPIA	R		90159629	----->
KADETT E Ranchera familiar (35_, 36_, 45_, 46_)	R	87-91	90241995	----->
KADETT E Descapotable (43B_)	R	86-93	90272458	9008375200
MERIVA	R	03-	93386999	9008525550
OMEGA A (16_, 17_, 19_)	R	86-94	90275080	9008350200
OMEGA A Ranchera familiar (66_, 67_)	R	86-94	90246620	9008500450
OMEGA A Ranchera familiar (66_, 67_) .SPEAKER	R	86-94	90246621	9008500550
OMEGA B (25_, 26_, 27_)	R	94-03	90379054	9008425350
OMEGA B (25_, 26_, 27_)	R	94-03	90379081	9008500650
REKORD E Ranchera familiar (61_, 66_, 67_)	R	77-86	90043132	9008575350
SENATOR B (29_)	R	87-93	90275080	9008350200
SIGNUM	R	03-	9180256	9008475650
VECTRA A Fastback (88_, 89_) , SPOILER	R	88-95	90227936	9008475550
VECTRA A Fastback (88_, 89_)	R	88-96	90227934	9008475550
VECTRA B Fastback (38_)	F	95-03	90463721	----->
VECTRA B Fastback (38_)	R	95-03	90463749	9008450550
VECTRA B (36_)	F	95-02	90463721	----->
VECTRA B Ranchera familiar (31_)	F	96-03	90463721	----->
VECTRA B Ranchera familiar (31_)	R	96-03	90463781	9008550550
VECTRA C GTS	R	02-	9180255	9008475650
VECTRA C	F	02-	24454473	9008650350
VECTRA C	R	02-	9177081	9008275550
VECTRA C Ranchera familiar	F	03-	24454473	9008650350
VECTRA C Ranchera familiar	R	03-	13101335	9008575550
ZAFIRA (F75_)	R	99-05	90579440	9008525550
PEUGEOT				
104	R	72-88	873145	9008625350
104 Coupé	R	91-96	8731 39	9008475350
106 I (1A, 1C)	R	91-96	8731,86	9008600350
106 II (1)	R	96-	8731,91	9008575350
107	R	05-	8731.L0	9008550350
205 I, II (741A/C)	R	83-87	1338,83	9008600350
205 Furgón	R	83-90	1338,83	9008600350
206 Fastback (2A/C, T3E), Sedán	R	98-	8731000000	9008500350
206 SW (2E/K)	R	02-	8731.G5	9008575550
206 CC (2D)	R	00-	8731.F2	9008425550
207 (WA_, WC_)	R	06-	8731.L7	9008500350
207 SW (WK_)	R	07-	8731.P9	9008500450
208 SW (WK_)	R	07-	8731.P8	----->
305 II (581M)	R	82-90	862215	----->
305 II Break (581E)	R	82-90	8731,49	9008625350
306 Fastback (7A, 7C, N3, N5)	R	93-01	7925,09	9008650200
307 Fastback (7A, 7C, N3, N5)	R	93-01	8731,93	9008600350
306 (7B, N3, N5)	F	93-01	7925,09	9008650200
307 (7B, N3, N5)	R	93-01	8731.A2	----->
306 Break (7E, N3, N5)	R	94-02	87310	9008625450
306 Descapotable (7D, N3, N5)	R	94-02	7925,09	9008650200
307 (3A/C)	R	00-	7925,15	9008450450
307 Break (3E), SW (3H)	R	02-	8731.F8	9008475650
308 (4A_, 4C_)	R	07-	8731.Q6	9008450450
309 (4A_, 4C_)	R	07-	8731.Q7	9008525650
309 I (10C, 10A)	R	09-	1338,9	9008500450
309 II (3C, 3A)	R	89-93	8731,78	9008550450
405 I, II Break (15E)	R	87-92	8731,83	9008400650
406 (8B)	F	95-04	792508	9008650200
407 (8B)	R	95-04	8731.A7	9008475200
408 (8B)	R	95-04	8,731E+12	9008425200
406 Break (8E/F)	F	96-04	7925,08	9008650200
407 Break (8E/F)	R	96-04	8731.C5	9008550550

406 Coupé (8C)	F	96-04	792507	----->
407 Coupé (8C)	R	96-04	8731C9	----->
407 (6D_)	R	04-	8731.K4	9008300450
407 SW (6E_)	R	04-	8731.J7	9008300450
408 SW (6E_)	R	04-	8731.J6	9008375650
505 Break (551D)	R	82-93	8731.51	9008625450
605 (6B)	F	89-99	792505	----->
606 (6B)	R	89-99	8731.A1	9008400350
607 (9D, 9U)	F	00-	7925.16	9008550200
608 (9D, 9U)	R	00-	8731.F9	9008475350
806 (221)	R	94-02	8731.A3	9008625650
807 (E)	R	02-	8731.G6	9008625550
1007 (KM_)	R	05-	8731.J3	9008550350
4007 (GP_)	R	07-	8731.Q1	9008475450
PARTNER Combispace (5F)	R	96-	8731	----->
PORCSHE				
911 (997)	F	04-	997 512 551 00	9008300350
911 (997)	R	04-	997 511 551 01	----->
924	F	75-88	944 511 351 00	9008400350
924	R	75-88	477 827 348 F	9008600350
928	R	77-95	928 512 331 05	9008425450
944	F	81-91	944 511 351 00	9008400350
944	R	81-91	477 827 348 F	9008650350
944 Descapotable	F	88-91	944 511 351 00	9008400350
944 Descapotable	R	88-91	477 827 348 F	9008650350
BOXSTER (987)	R	04-	997 511 551 01	----->
BOXSTER (987)	R	04-	987 512 551 01	----->
CAYENNE (955)	R	02-	955 511 359 00	9008575200
RENAULT				
AVANTIME (DEO_)	R	01-03	6025401711	9008350550
CLIO I (B/C57_ 5/357_)	R	90-98	7700800311	9008450350
CLIO II (BB0/1/2_ CB0/1/2_)	R	98-	7700842256	9008400350
CLIO III (BR0/1, CR0/1)	R	05-	32062565	9008450350
CLIO Grandtour (KR0/1_)	R	08-	8200 583 852	9008450550
ESPACE I (J11_)	R	84-92	6025 003 038	9008600450
ESPACE II (J/S63_)	R	91-96	6025101952	9008525550
ESPACE II (J/S63_)	R	91-96	6025106762	9008525550
ESPACE III (JEO_)	R	96-02	6025300735	9008550650
ESPACE III (JEO_)	R	96-02	6025305941	----->
ESPACE III (JEO_)	R	96-02	6025306563	----->
ESPACE IV (JK0/1_)	F	02-04	8200091749	9008375200
ESPACE IV (JK0/1_)	F	02-	8200362400	9008375450
ESPACE IV (JK0/1_)	R	02-	8200025105	9008525200
FUEGO (136_)	R	80-92	77 01 366 528	9008525450
KANGOO (KC0/1_)	R	97-	77 00 303 186	----->
KANGOO BE BOP (KW0/1_)	R	09-	77 00 303 139	----->
LAGUNA (B56_ 556_)	R	93-01	7700 846 772	9008575550
LAGUNA Grandtour (K56_)	R	95-01	7700846538	9008475650
LAGUNA Grandtour (K56_)	R	95-01	7700838005	9008475650
LAGUNA Grandtour (K56_)	R	95-01	7700427547	9008475650
LAGUNA II (BG0/1_)	R	01-	8200 000 902	9008500550
LAGUNA II Grandtour (KG0/1_)	R	01-	8200025317	9008525450
LAGUNA II Grandtour (KG0/1_)	R	01-	8200000903	9008525450
LAGUNA II Grandtour (KG0/1_)	R	01-	8200000896	----->
LAGUNA III (BT0/1)	R	07-	8443 000 01R	9008475650
LAGUNA III Grandtour (KT0/1)	R	07-	9046 000 01R	9008625350
LAGUNA III Grandtour (KT0/1)	R	07-	8443 000 04R	9008550650
LAGUNA Coupé (DT0/1)	R	08-	8443 000 04R	9008550650
MEGANE I (BA0/1_)	R	95-03	7700 828 451	9008425450
MEGANE I Classic (LA0/1_)	R	96-03	7700 838 612	9008300450
MEGANE I Grandtour (KA0/1_)	R	99-03	7700 418 621	9008450450
MEGANE I Coach (DA0/1_)	R	96-03	7700 838 487	----->
MEGANE I Cabriolet (EA0/1_)	R	96-03	7700 848404	----->
MEGANE Scenic (JA0/1_)	R	97-99	7700 430 022	----->
MEGANE Scenic (JA0/1_)	R	97-99	7700 828 454	9008575550

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MEGANE II (BM0/1_ CM0/1_)	R	02-	8200 051 750	9008400550
MEGANE II Sedán (LM0/1_)	R	03-	8200 119 497	9008450450
MEGANE II Ranchera familiar (KM0/1_)	R	03-	8200 135 264	----->
MEGANE II Ranchera familiar (KM0/1_)	R	03-	8200 119 498	9008525450
MEGANE II Ranchera familiar (KM0/1_)	R	03-	8200 212 598	9008525550
MEGANE II Coupé-Cabriolet (EM0/1_)	R	03-	7701062024	9008400550
MEGANE III Fastback (BZ0_)	F	08-	9045 100 01R	9008650350
MEGANE III Fastback (BZ0_)	R	08-	90 45 100 01R	9008425650
MEGANE III Ranchera familiar (KZ0/1)	F	09-	9045 100 01R	9008650350
MEGANE III Coupé (DZ0_)	F	08-	9045 100 01R	9008650350
MEGANE III Coupé (DZ0_)	R	08-	90 45 100 01R	9008425650
MODUS (F/JPO_)	F	04-	8200 219 322	9008525550
MODUS (F/JPO_)	R	04-	8200 219 323	----->
EXPRESS Furgón (F40_ G40_)	R	85-98	7700807057	9008650450
SAFRANE I, II (B54_)	F	92-00	7700812193	9008525500
SAFRANE I, II (B54_)	R	92-00	7700831959	9008550450
SCENIC I (JA0/1_)	R	99-03	7700 430 022	----->
SCENIC I (JA0/1_)	R	99-03	7700 828 454	9008575550
SCENIC II (JM0/1_)	R	03-	8200 130 187	----->
SCENIC II (JM0/1_)	R	03-	8200 000 903	9008500650
SCENIC II (JM0/1_)	R	03-	8200 119 500	9008500650
GRAND SCENIC II (JM0/1_)	R	04-	8200 130 187	----->
GRAND SCENIC II (JM0/1_)	R	04-	8200 000 903	9008500650
SCENIC III (JZ0/1_)	F	09-	65 47 000 08R	9008250350
SCENIC III (JZ0/1_)	R	09-	90 45 000 04R	9008525650
GRAND SCENIC III (JZ0/1_)	F	09-	65 47 000 08R	9008250350
GRAND SCENIC III (JZ0/1_)	R	09-	90 45 100 05R	9008650550
TWINGO (C06_)	R	93-	7700 815 135	----->
TWINGO (CNO_)	R	93-	8201 385 560	9008375450
SUPER 5 (B/C40_)	R	84-96	7700 756 056	----->
11 (B/C37_)	R	83-89	7701 366 529	----->
18 Variable (135_)	R	79-93	7701 366 525	9008600350
19 I (B/C53_)	R	88-92	7700 799 026	9008500450
19 I Chamade (L53_)	R	88-92	7700 811 570	9008300450
19 II (B/C53_)	R	91-95	7700 818 237	9008500450
19 II Chamade (L53_)	R	92-95	7700 824 817	9008300650
21 (B48_)	R	89-94	7700 002 226	9008475650
21 Ranchera familiar (K48_)	R	86-94	7700 785 587	9008475650
26 (B29_)	R	84-93	7701 366 154	9008400650
30 (127_)	R	75-86	77 01 366 527	9008450450
TRAFIC Furgón (T1, T3, T4)	R	90-	77 01 366 527	----->
ROVER				
STREETWISE	R	03-	BHE450030	9008600350
45 (RT)	R	00-	BHE 140010	9008500450
45 Sedán (RT)	R	00-	BHE 140010	9008500450
75 (RJ)	R	99-	BMH 500010	9008300350
75 Tourer (RJ)	R	01-	BHE 39006	9008550450
200 Fastback (XW)	R	89-95	BHE 38017	9008650350
200 (XH)	R	85-89	BHE 38017	9008650350
200 (RF)	R	95-00	BHE 45001	9008600350
400 Tourer (XW)	R	93-98	BHE 45001	9008500450
400 Fastback (RT)	R	95-00	GST105	9008550450
800 Fastback (XS)	R	86-99	BHM410040	9008550550
800 (XS)	R	86-99	BHM410040	9008525550
800 Coupé	R	92-99	BKK 41003	9008500350
MAESTRO	R	90-95	BEP6628	9008500450
MONTEGO Estate (XE)	R	84-93	GST105	9008550450
SAAB				
9-3 (YS3D)	F	98-02	105183017	9008525450
9-3 (YS3D)	R	98-02	4854717	9008550550
9-3 Cabriolet (YS3D)	F	98-03	105183017	9008525450
9-3 Cabriolet (YS3D)	R	98-03	4854741	----->
9-3 (YS3F)	F	02-	127850021	9008650350
9-3 (YS3F)	R	02-	4854717	9008550550
9-3 Descapotable (YS3F)	F	03-	127850021	9008650350

9-3 Descapotable (YS3F)	R	03-	12831543	9008300350
9-3 Descapotable (YS3F)	R	03-	12 797 509	----->
9-3X	F	09-	12785021	9008650350
9-5 (YS3E)	F	97-	105360821	----->
9-5 (YS3E)	R	97-	4853040	----->
9-5 Ranchera familiar (YS3E)	F	98-	105360821	----->
9-5 Ranchera familiar (YS3E)	R	98-	4699260	----->
900 II	F	79-93	4323944	9008525200
900 II	R	79-93	4326468	9008550450
900 II, SPOILER	R	79-93	4324307	9008550550
9000 Fastback	R	84-98	6956270	----->
9000 Fastback	R	84-98	6956288	----->
9000	F	85-98	30521738	9008550200
9000	R	85-98	6976369	----->
SEAT				
ALHAMBRA (7V8, 7V9)	D	96-	7M3 823 359	9008450350
ALHAMBRA (7V8, 7V9)	T	96-	7M0 827 550 C	----->
ALTEA (5P1)	T	04-	5P0827550A	9008500450
AROSA (6H)	D	97-04	6E0 827 550C	9008500350
AROSA (6H)	T	97-04	6X0 827 550	9008500350
CORDOBA (6K2/C2)	T	93-99	6K5 827 550 A	----->
CORDOBA Vario (6K5)	T	96-99	6K0 827 550	9008500450
CORDOBA Fastback (6K2)	T	99-02	6K5 827 550 C	----->
CORDOBA Vario (6K5)	T	99-02	6K0 827 550	9008500450
CORDOBA (6L2)	T	02-	6L5 827 550 A	----->
EXEO (3R2)	D	09-	8E0 823 359 A	----->
EXEO (3R2)	T	09-	8E5 827 552 J	----->
EXEO ST (3R5)	D	09-	8E0 823 359 A	----->
EXEO ST (3R5)	T	09-	3R9 827 550	9008475550
IBIZA I (021A)	T	84-93	SE 021 526 200 A	----->
IBIZA II (6K1)	T	93-99	6K6 827 550	9008525350
IBIZA III (6K1)	T	99-02	6K6 827 550 A	9008525350
IBIZA IV (6L1)	T	02-	6L6 827 550 A	9008500650
LEON (1M1)	D	99-06	1M0 823 359	9008575350
LEON (1M1)	T	99-06	1M6 827 550	9008500450
TOLEDO I (1L)	T	91-99	1L0 827 550 A	9008500550
TOLEDO II (1M2)	D	99-06	1M0 823 359 A	9008575350
TOLEDO II (1M2)	T	99-06	1M5 827 550 A	9008250550
SKODA				
FABIA (6Y2)	R	99-08	6Y0 827 550 A	9008425650
FABIA Sedán (6Y3)	R	99-07	6Y5 827 550 A	9008250550
FABIA Combi (6Y5)	R	00-07	6Y0 827 550 A	9008425650
FABIA, FABIA Combi	R	06-	5J6 827 550	9008475450
FAVORIT (781)	R	89-94	115 740 263	9008525450
FAVORIT Forman (785)	R	91-96	115 740 263	9008525450
FAVORIT Pick-up (787)	F	92-97	441.5.6442-006.6	9008200200
FELICIA I, II	R	94-98	96442049	9008525450
OCTAVIA (1U2)	R	96-	1U6 827 550	9008475550
OCTAVIA Combi (1U5)	R	98-	1U9 827 550 A	9008400550
OCTAVIA (1Z3)	R	04-	1Z5 827 550	9008575450
OCTAVIA Combi (1Z5)	R	04-	1Z9 827 550	9008475450
PRAKTIK	R	07-	5J6 827 550	9008475450
ROOMSTER (5J)	R	06-	5J7 827 550	9008400650
SUPERB (3U4)	R		3B5 827 550 G	9008250550
SMART				
CITY-COUPÉ (MC01)	R	98-04	00618V007000000 89	----->
FORTWO Coupé	R	04-	0618V007000000 18	----->
SUZUKI				
ALTO I (SS80)	R	82-85	81850-84000-000	9008650350
ALTO II (EC)	R	86-93	81850-84000-000	9008650350
ALTO III (EF)	R	82-85	81850-84000-000	9008650350
IGNIS II	R	03-	81850-86G-00-000	9008550350
JIMNY (FJ)	R	98-	8185181A02	9008450200
SAMURAI (SJ)	R	88-	81860A8010	----->

APLICACIONES

SJ 410 , SJ 413	R	81-88	81860A8010	----->
SPLASH	R	08-	81850-51810	9008500450
SX4 (GY)	R	06-	81850-79J00	9008425450
SWIFT I (AA)	R	88-	81860A8010	----->
VITARA Cabrio (ET, TA)	R	88-99	13 27 04	9008550350
TALBOT				
SIMCA	R	66-76	17715500	----->
1307-1510	R	75-84	177155	9008475350
HORIZON	R	78-86	52 205 9700	9008625550
TOYOTA				
AURIS	R	06-	68950-02090	9008425450
AVENSIS Liftback (_T22_)	R	97-03	68950-05040	9008500550
AVENSIS (_T22_)	R	97-03	68950-05040	9008500550
AVENSIS Station Wagon (_T22_)	R	97-03	68950-05050	9008450650
AVENSIS VERSO (AC_)	R	01-	68950-44080	9008425550
AVENSIS (T25)	R	03-	68950-09140	9008475550
AVENSIS Ranchera familiar (T25)	R	03-	68950-09150	9008425550
AYGO (B10)	R	05-	68950-0H010	9008550350
CARINA II (_T15_)	R	83-88	68950-29165	9008650350
CARINA II Station Wagon (_T17_)	R RIGHT	87-92	68950-29675	9008600350
CARINA II Station Wagon (_T17_)	R LEFT	87-92	68960-29485	9008600350
COROLLA Station Wagon (_E7_)	R	79-87	68950-19165	9008600350
COROLLA Liftback (_E8_)	R	83-88	68950-19405	9008625350
COROLLA FX Compact (E8B)	R	84-88	68950-12130	9008575350
COROLLA Liftback (_E11_)	R	97-02	68950-02030	9008500550
COROLLA (_E12U_ , _E12J_)	R	01-	68950-02040	9008450450
COROLLA Ranchera familiar (_E12J_ , _E12T_)	R	01-	68950-0W140	9008425550
COROLLA Verso (_E12J_)	R	01-04	68950-0W101	9008500550
COROLLA Verso (ZER_ , ZZE_)	R	04-	68950-0F010	9008525550
PRIUS Fastback	R	03-	68950-0W251	9008475450
YARIS	R	05-	68950-0D020	9008425350
HIACE II Wagon (H20)	R	83-89	68907-95J05	----->
HIACE II Furgón (H20)	R	83-89	68907-95J05	----->
WOLKSWAGEN				
BORA (1J2)	F	98-05	1J0 823 359 C	9008500350
BORA (1J2)	R	98-05	3B5 827 550 A	9008250350
BORA Ranchera familiar (1J6)	F	99-05	1J0 823 359 C	9008500350
BORA Ranchera familiar (1J6)	R	99-05	1J6 827 550 C	9008500550
CADDY III Ranchera familiar , Furgón (2KB, 2KJ)	R	04-	1T0 823 359 A	9008400450
CORRADO (53I)	R	87-95	535 827 550 A	9008625350
EOS (1F7)	R	06-	1Q0 827 550 B	9008475350
FOX (5Z1)	R	03-	5Z6 827 550 B	9008350350
GOLF III (1H1)	R	91-97	1H6 827 550 A	9008500350
GOLF III Variant (1H5)	R	93-99	1H9 827 550 A	9008575350
GOLF III Cabriolet (1E7)	R	93-98	1E0 827 550 B	----->
GOLF IV (1J1),GOLF IV Variant (1J5)	F	97-05	1J0 823 359 C	9008500350
GOLF IV (1J1),GOLF IV Variant (1J5)	R	97-05	1J0 823 359 C	9008500550
GOLF IV Cabriolet (1E7)	F	98-02	1J0 823 359 C	9008500350
GOLF IV Cabriolet (1E7)	R	98-02	1E0 827 550 B	----->
GOLF V (1K1)	R	03-	1K6 827 550 E	9008450550
GOLF V Variant (1K5)	R	07-	1K9 827 550 A	9008525450
GOLF VI (5K1)	R	08-	5K6 827 550 B	9008425550
GOLF PLUS (5M1, 521)	R	05-	5M0 827 550A	9008475550
JETTA III (1K2)	R	05-	1K5 827 550 C	9008300650
LUPO (6X1, 6E1)	F	98-05	6E0 827 550 A	9008500350
LUPO (6X1, 6E1)	R	98-05	8L0 823 359	9008500350
NEW BEETLE (9C1, 1C1)	F	98-	1C0 823 259 B	9008650200
NEW BEETLE (9C1, 1C1)	R	98-	1C0 827 550 B	9008600350
NEW BEETLE Descapotable (1Y7)	F	02-	1C0823359D	9008650350
NEW BEETLE Descapotable (1Y7)	R	02-	1Y0 827 550 B	9008200200
PASSAT Variant (3A5, 35I)	R	88-97	3A9 827 550	9008500550
PASSAT (3B2)	R	96-00	3B5 827 550 A	9008250550
PASSAT Variant (3B5)	R	97-00	1J6 827 439 A	9008500550
PASSAT (3B3)	R	97-00	3B5 827 550 G	9008250550

PASSAT Variant (3B6)	R	00-05	1J6 827 439 A	9008500550
PASSAT Variant (3B6)	R	00-05	3C5 827 550 A	9008375350
PASSAT Variant (3B6)	R	00-05	3C9 827 550 A	9008450550
PASSAT CC	F	08-	3C8 823 359	----->
POLO (86C, 80)	R	81-94	867 827 550 C	9008500550
POLO Furgón (86CF)	R	92-94	867827550D	9008500550
POLO (6N1)	R	94-99	6N0 827 550 A	9008425350
POLO Furgón (6NF)	R	94-99	6N0 827 550 A	9008425350
POLO CLASSIC (6KV2)	R	95-02	6K5 827 550 A	----->
POLO CLASSIC (6KV2)	R	95-02	6K5 827 550 C	----->
POLO Variant (6KV5)	R	97-01	6K0 827 550	9008500450
POLO (6N2)	R	99-01	6N0 827 550 A	9008425350
POLO (9N_)	F	01-	6Q0 823 359	9008500350
POLO (9N_)	R	01-	6Q6 827 550 C	9008500350
POLO Sedán	F	02-	6Q0 823 359	9008500350
POLO Sedán	R	02-	6Q5 827 550 B	9008250650
POLO (6R_)	R	09-	6R6 827 550 A	9008525350
SCIROCCO (137)	R	08-	1K8 827 550 A	9008450350
SHARAN (7M8, 7M9, 7M6)	F	95-	7M3 823 359 A	9008450350
SHARAN (7M8, 7M9, 7M6)	R	95-	7M0 827 550 G	----->
TOUAREG (7LA, 7L6, 7L7)	F	02-10	7L6823359A	----->
TOUAREG (7LA, 7L6, 7L7)	R	02-10	7L6 845 587A	9008300550
TOURAN (1T1, 1T2)	F	03-	1T0 823 359 A	9008400450
TOURAN (1T1, 1T2)	R	03-	1T0 827 550 C	----->
VENTO (1H2)	R	91-98	1H5 827 550 B	9008250650
TRANSPORTER IV Furgón (70XA)	R	90-03	701 829 331 F	9008550650
TRANSPORTER IV Furgón (70XA)	R	90-03	701 829 331 G	----->
TRANSPORTER IV Furgón (70XA)	R	90-03	701 829 331 Q	----->
TRANSPORTER IV Furgón (70XA)	R	90-03	701 829 331 R	----->
MULTIVAN V (7HM, 7HF)	F	03-	7H0 823 359 C	9008375350
TRANSPORTER V Furgón (7HA, 7HH)	F	03-	7H0 823 359 C	9008375350
VOLVO				
C30	R	06-	30657235	9008475350
S40 I (VS)	R	95-03	30852059	9008300550
V40 Ranchera familiar (VW)	F	95-04	30819865	----->
V40 Ranchera familiar (VW)	R	95-04	30803472	9008600350
S40 II (MS), V50 (MW)	R	04-	30674718	9008425450
S60	F	00-	9154605	----->
S61	R	00-	8600233	9008250450
C70 I Coupé	R	97-02	9485706	----->
C70 I Descapotable	R	98-05	9485706	----->
C70 II Descapotable	F	06-	9483570	----->
C70 II Descapotable	R	06-	86 186 40	----->
V70 I Ranchera familiar (P80_)	R	96-00	3509482	----->
V70 II Ranchera familiar (P80_)	F	00-	9154605	----->
V70 II Ranchera familiar (P80_)	R	00-	30674494	----->
V70 III Ranchera familiar	F	07-	30649516	----->
V70 III Ranchera familiar	R	07-	30674836	----->
XC70 CROSS COUNTRY	F	00-	9154605	----->
XC70 CROSS COUNTRY	R	00-	30674494	----->
XC70 II	F	07-	30649516	----->
XC70 II	R	07-	30674836	----->
S80 (TS, XY)	F	98-06	9154605	----->
S80 (TS, XY)	R	98-07	9203523	9008350350
S90	R	86-98	3526575	9008525350
S90	F	86-98	3529925	9008525350
V90 Ranchera familiar	R	96-98	1355263	9008525350
XC 90	F	02-	30649736	9008500350
XC 90	R	02-	30634580	9008450350
340-360 (343, 345)	R	75-91	1316909	9008525350
340-360 (343, 345)	R	75-91	3211734	9008550450
340-360 Sedán (344)	R	79-91	3211734	9008550450
440 K (445)	R	88-96	3412524	9008550450
440 K (445), SPOILER	R	88-96	3344255	9008550450
460 L (464)	R	88-96	3436644	9008550450

APLICACIONES

BRAND / MODEL	FRONT /REAR	YEAR	O.E	REFERENCE NUM
480 E	R	86-96	3404159	9008525200
740 Kombi (745) , 760 (704, 764)	F	84-92	1380420	----->
741 Kombi (745) , 760 (704, 764)	R	84-92	1355263	9008525350
760 Kombi (704, 765)	R	82-92	1355263	9008525350
850 Ranchera familiar (LW)	R	92-97	3509482	----->
941 (944), 940,960 II (944), 960 (964)	R	90-94	3526575	9008525350
942 (944), 940,960 II (944), 960 (964)	R	90-94	3529925	9008525350
940, 960 Kombi (945), 940, 960 II Ranchera familiar (945)	R	90-95	1355263	9008525350



ADAPTADORES

Métrica **M6** mm

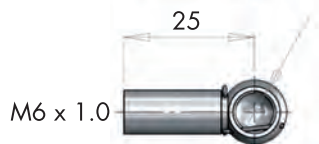
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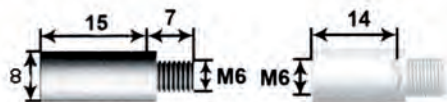


ADAPTADORES / PROLONGADORES

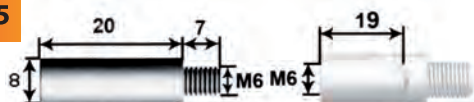
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16-100-04



16-100-05



COLGADOR OJAL METÁLICO

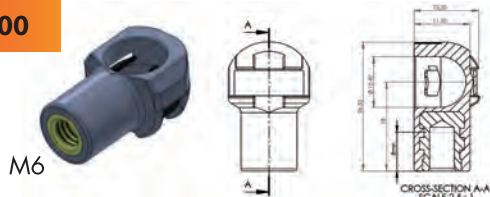
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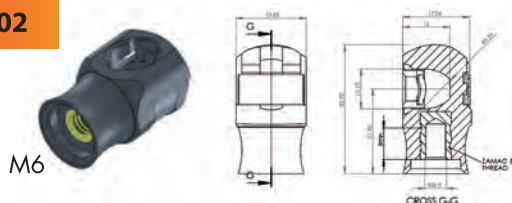
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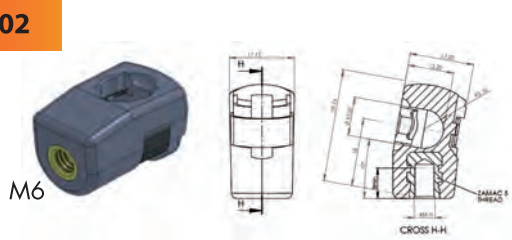
360-00



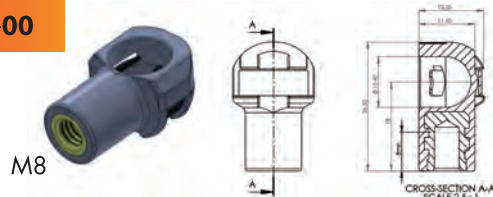
230-02



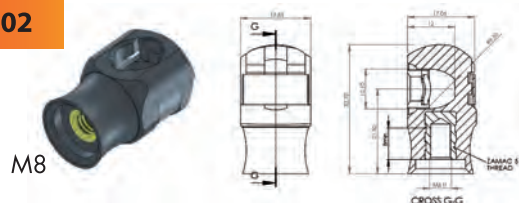
340-02



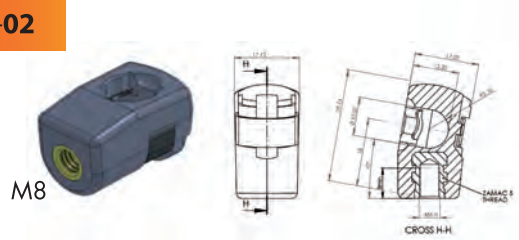
368-00



238-02



348-02



Métrica **M8** mm

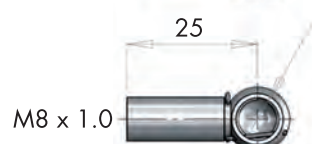
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P/N 13-108-02



P/N 13-108-03



APLICACIONES



1.2 CÁLCULO DE ESFUERZO

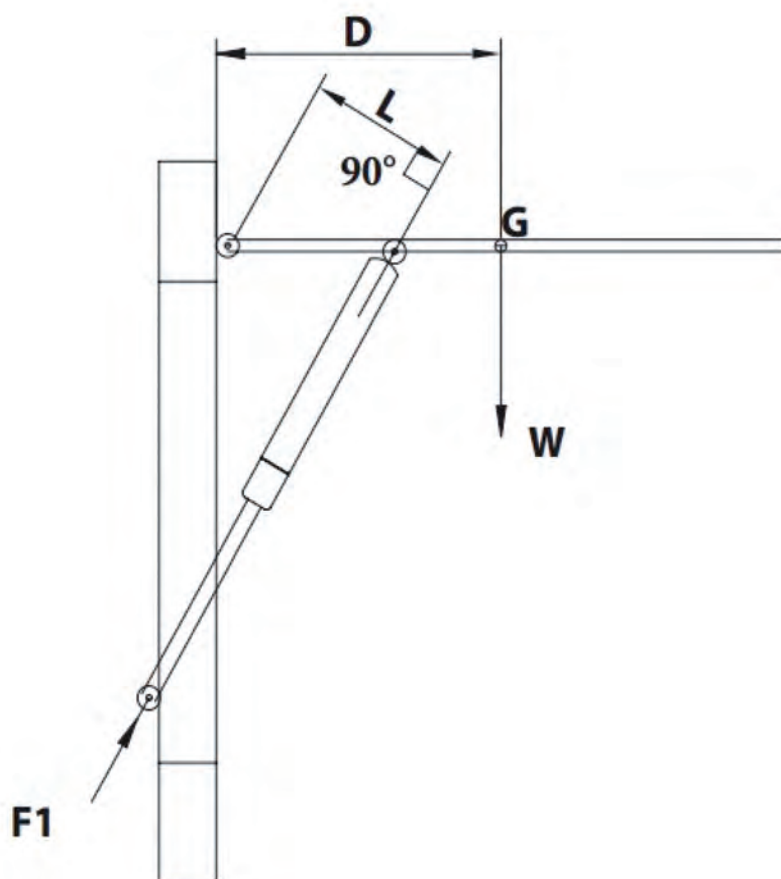


TABLA DE CÁLCULO

$F1 =$	$\frac{W * D}{X * L}$
$F1 =$	FUERZA DE EMPUJE DE EXTENSIÓN
$G =$	CENTRO DE GRAVEDAD
$W =$	PESO DE LA HOJA ABATIBLE EN KG
$D =$	DISTANCIA HORIZONTAL ENTRE EL CENTRO DE GRAVEDAD (G) Y EL PUNTO DE PIVOTAMIENTO
$X =$	NÚMERO DE RESORTES DE GAS
$L =$	DISTANCIA PERPENDICULAR ENTRE EL RESORTE EXTENDIDO Y LA BISAGRA.





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