



**intermotor**  
by **LOMBARDINI**

**USO - MANUTENZIONE - RICAMBI**

**EMPLOI - ENTRETIEN - PIECES**

**USE - MAINTENANCE - SPARE PARTS**

**BEDienung - WARTUNG - ERSATZTEILE**

**UTILIZACION - MANUTENCION - REPUESTOS**

**UTILIZACAO - MANUTENCAO - RECAMBIOS**

**1 IM**

**359**

**CEE**

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**CARATTERISTICHE  
CARACTERISTIQUES  
CHARACTERISTICS  
TECNISCHE DATEN  
CARACTERISTICAS**

Cilindri	Alesaggio	Corsa	Cilindrata	Giri / min.
Cylindres	Alésage	Course	Cylindrée	Tours / min.
Cylinders	Bore	Stroke	Displacement	R.P.M.
Zylinderzahl	Bohrung	Hub	Hubraum	Drehzahl
Cilindros	Diametro	Carrera	Cilindrada	R.P.M.
Cilindros	Alesagem	Corrida	Cilindrada	Volts / min.

IM 359 CEE	1	82	66	349	3600

Tappo serbatoio  
Bouchon rempliss. combustible  
Fuel filler cap  
Kraftstoffeinfüllen-deckel  
Tapon deposito combustible  
Tampa reabastecimento gasolina

Avviamento  
Demarrage  
Starting  
Anlasser  
Arranque  
Aviamento

Spia livello olio  
Temoïn niveau huile  
Oil level warning light  
Ölstand Kontroll Leuchte  
Indicador nivel aceite  
Espia nivel óleo

Filtro aria  
Filtre à air  
Air cleaner  
Luftfilter  
Filtro aire  
Filtro ar

Tipo motore  
Type du moteur  
Engine type  
Motor typ  
Tipo del motor  
Tipo do motor

Leva acceleratore  
Lever acceleration  
Throttle lever  
Einstellhebel  
Palanca acelerador  
Acelerador

Matricola  
Maticule  
Serial number  
Motorennummer  
Numero del motor  
Matricula

Tappo rifornimento olio  
Bouchon remplissage huile  
Oil filler cap  
Öleinfüllung  
Tapon llenado aceite  
Tampa reabastecimento e nivel óleo

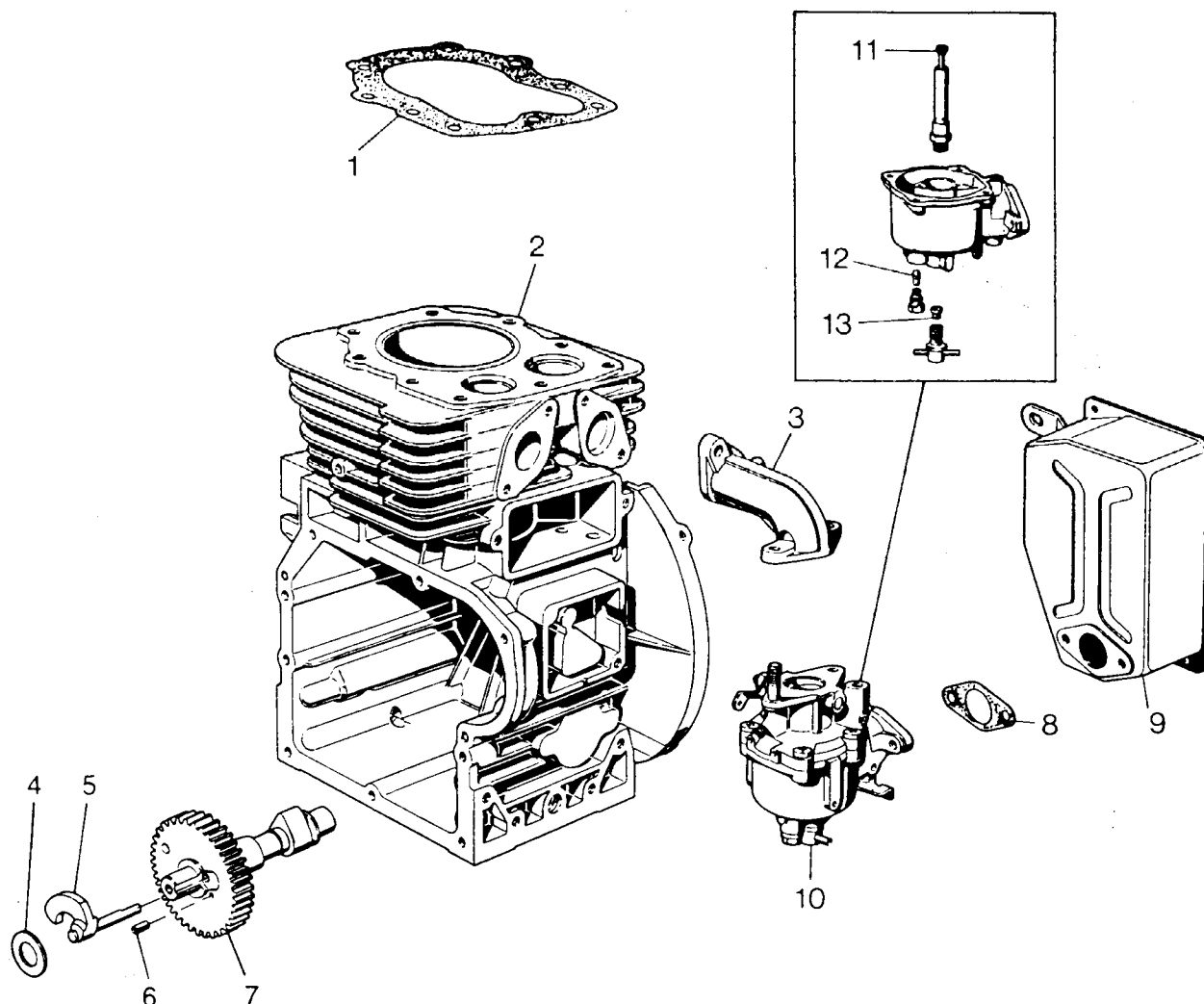
Descrizioni e illustrazioni non impegnative  
Descriptions et illustrations peuvent être modifiées  
Descriptions and characteristics subject to modifications  
Aenderungen vorbehalten  
Instrucciones y ilustraciones pueden ser modificadas  
Descrições e ilustrações que podem ser modificadas

**intermotor** s.p.a.

02100 RIETI ITALY - Casella Postale 107 Tel. 0746-22.00.41 - intermotor - Telex 612595 imotor - Telefax 0746 220900

**LOMBARDINI** Company


Mod. 169-5302-377


**CARATTERISTICHE**  
**CHARACTERISTIQUES**  
**CHARACTERISTICS**  
**TECHNISCHE DATEN**  
**CARACTERISTICAS**

- CILINDRI	- CYLINDRES	- CYLINDERS	- ZILINDERZAHL	- CILINDROS	N.	:	1
- ALESAGGIO	- ALESAGE	- BORE	- BOHRUNG	- DIAMETRO	mm.	:	82
- CORSA	- COURSE	- STROKE	- HUB	- CARRERA	mm.	:	66
- CILINDRATA	- CYLINDREE	- DISPLACEMENT	- HUBRAUM	- CILINDRADA	cm <sup>3</sup>	:	349


FIG. NO.	MATRICOLA PART. NO.	Q.TÀ Q.TY	NOTE - REMARQUES - REMARKS - ANMERKUNG - NOTES
1	1580.4730.392		Spessore - Epaisseur - Thickness - Dicke - Espesor: 0,38 mm.
2	1580.1510.490		(a)
	1580.1510.504		(b)
	1580.1510.506		(c)
3	158.2942.133		
4	147.1301.245		
5	158.1111.106		
6	9.8430.006		
7	158.3348.032		FIG. 4+5+6+7
8	1580.4490.072		
9	1580.7870.028		
10	1580.2151.227		FVCA 26-21
11	1580.3588.035		
12	1580.4126.072		Ø 0,45 mm. (min.)
13	1580.4126.071		Ø 1,05 mm. (max.)
-	1580.3700.277		Filtro aria compl. - Filtre à air compl. - Air cleaner ass.ly - Luftfilter Kompl. - Filtre aire completo

REVISIONE  
 REVISION  
 OVERHAUL  
 ÜBERHOLUNG  
 REVISION  
 REVISAO

 Dopo 1000 ore  
 Après 1000 heures  
 After 1000 hours  
 Nach 1000 Stunden  
 Después de 1000 Horas

**h** PARZIALE  
 PARTIELLE  
 TOP  
 TELWEISE  
 PARCIAL

**1000**

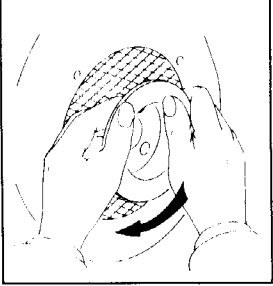
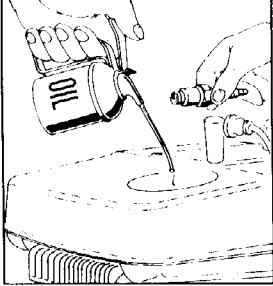
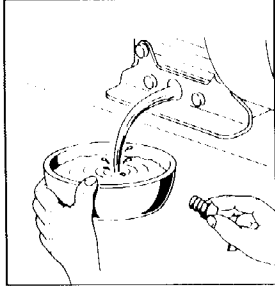
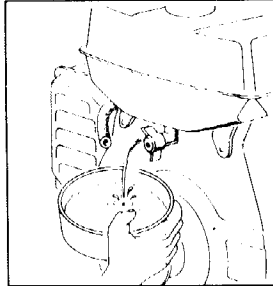
 Dopo 2000 ore  
 Après 2000 heures  
 After 2000 hours  
 Nach 2000 Stunden  
 Después de 2000 Horas

**h** GENERALE  
 GENERALE  
 TOTAL  
 VOLLIGE  
 GENERAL

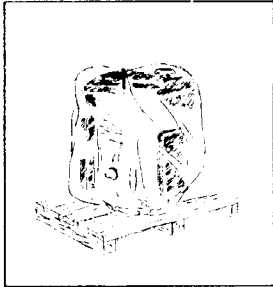
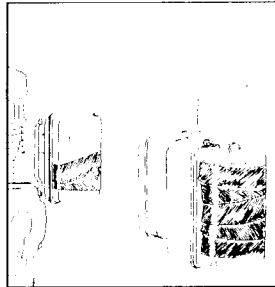
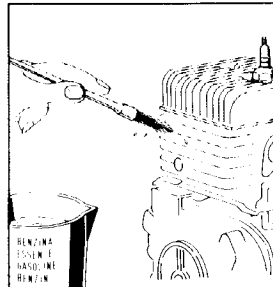
**2000**

IMMAGAZZINAGGIO  
 STOCKAGE  
 STORAGE  
 KONSERVIERUNG  
 ALMACENAJE  
 ARMazenagem


1 : 6 MESI  
 1 : 6 MOIS  
 1 : 6 MONTHS  
 1 : 6 MONATE  
 1 : 6 MESES

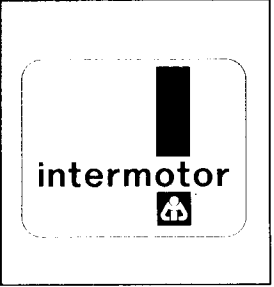


- Pulire le alette cilindro, testa e volano
- Nettoyer les ailettes cylindre, culasse et volant
- Clean Cylinder, head and flywheel fins
- Kühlrippen im zylinderkopf zylinder und schwungrad reinigen
- Limpiar las aletas del cilindro, culata y volante
- Limpar as azinhas do cilindro, testa e volante

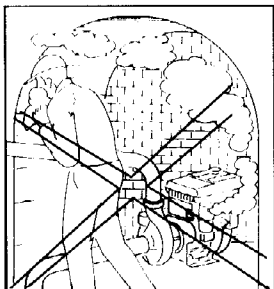
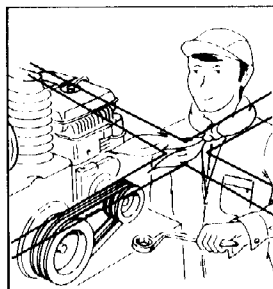
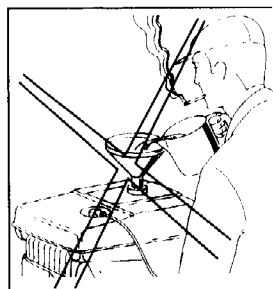
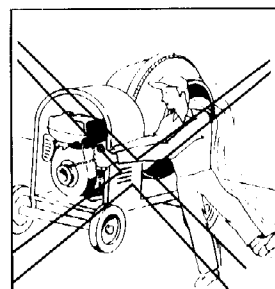
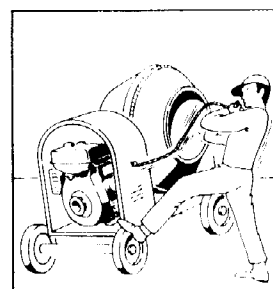
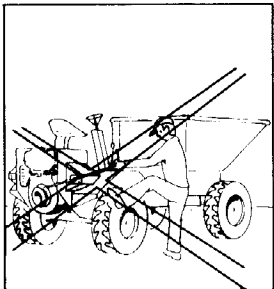
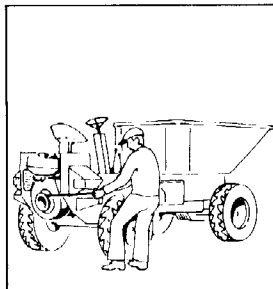
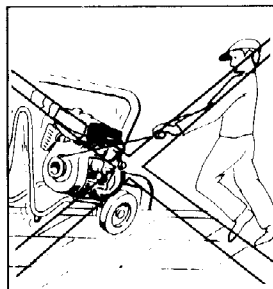
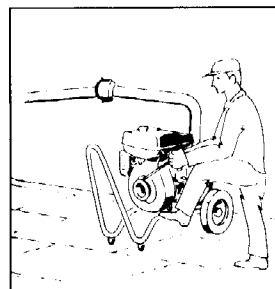
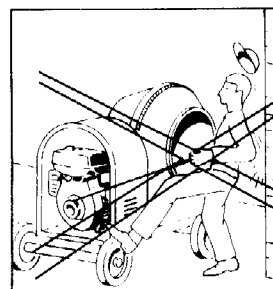
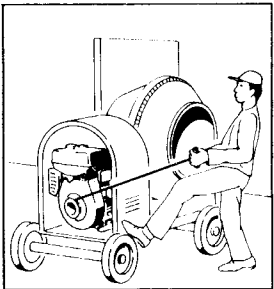
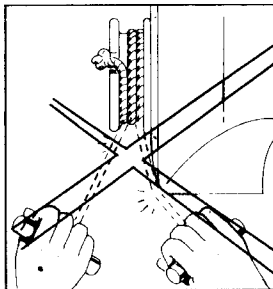
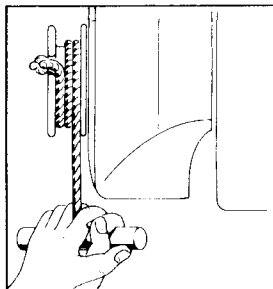
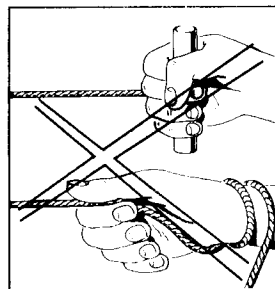
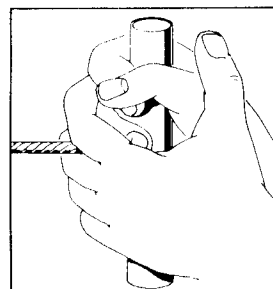
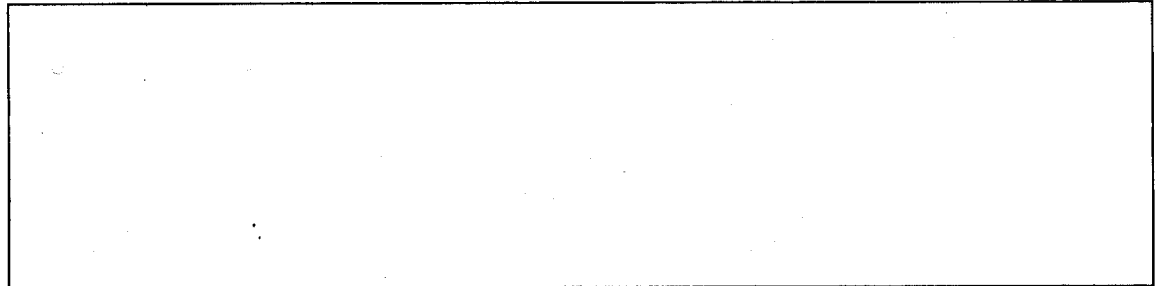


OLTRE 6 MESI  
 APRES 6 MOIS  
 OVER 6 MONTHS  
 ÜBER 6 MONATE  
 DESPUES 6 MESES  
 ALEM DOS 6 MESES





NORME DI SICUREZZA  
 NORME DE SECURITE  
 SAFETY RULES  
 SICHERHEITSMASSNAMMEN  
 NORMAS DE SEGURIDAD  
 NORMAS DE SEGURANCA

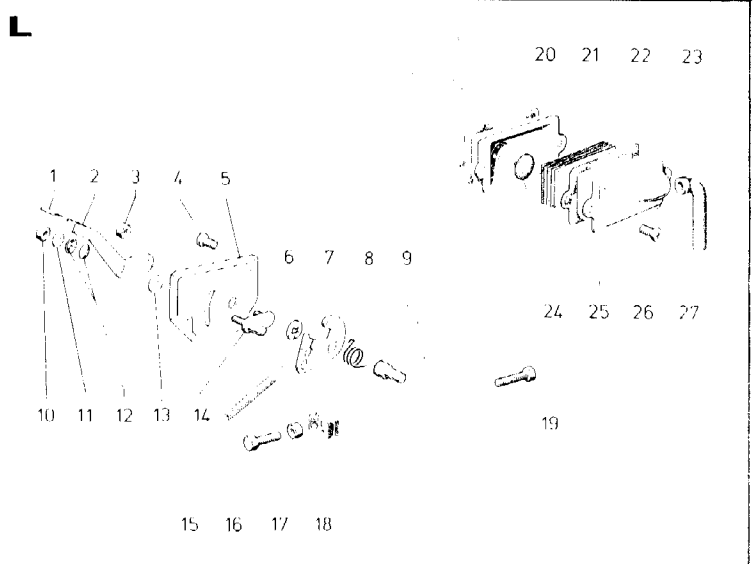
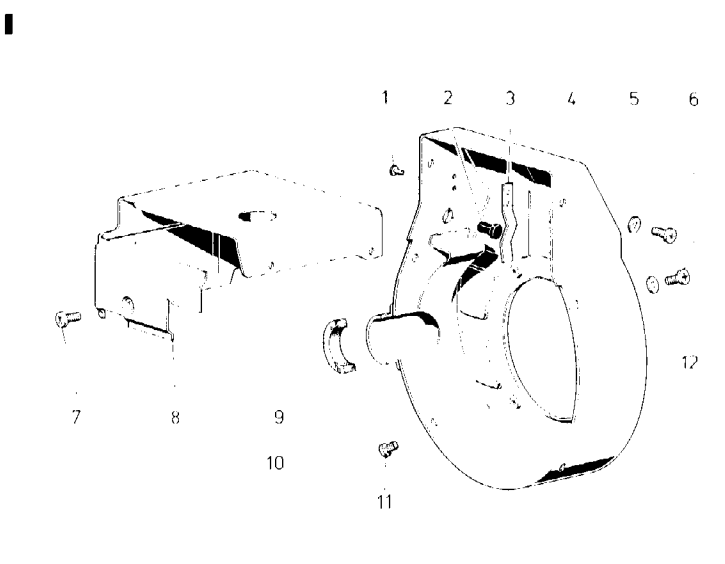
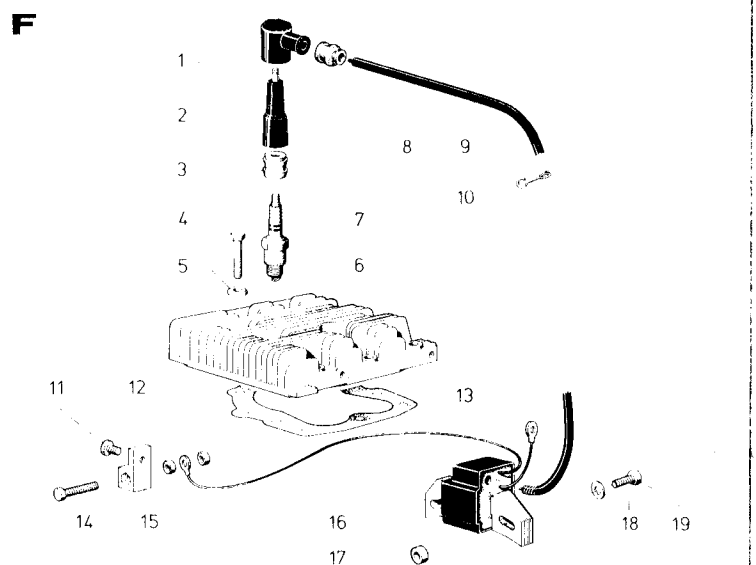
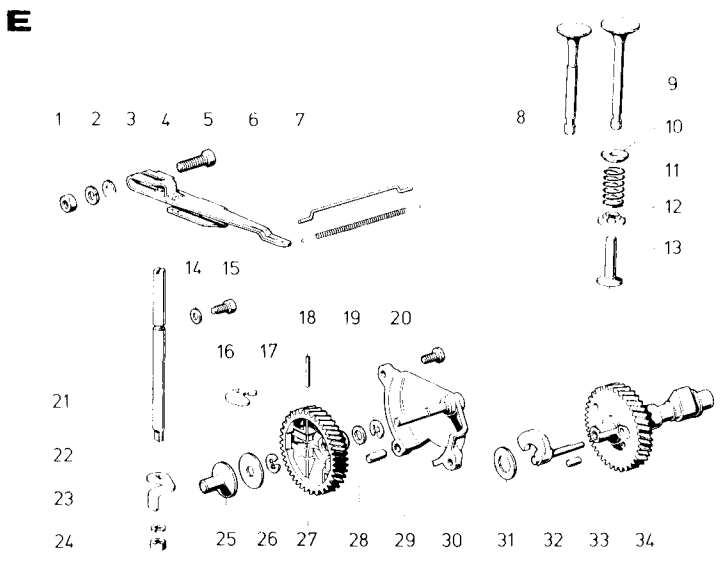
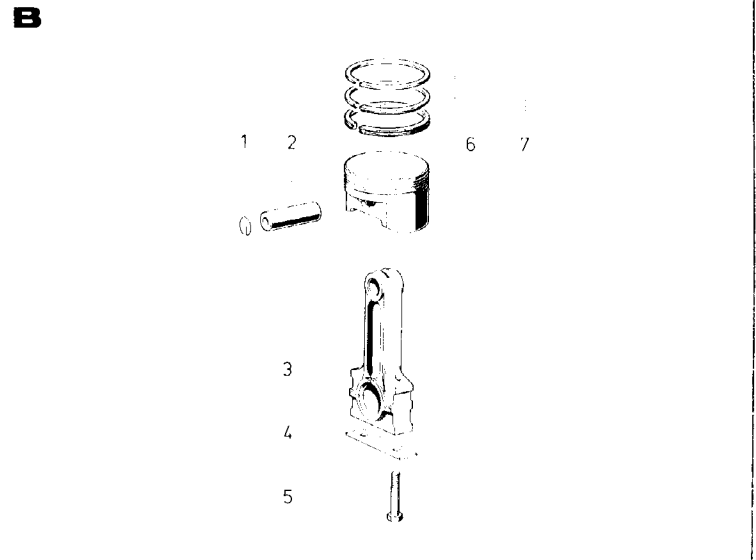
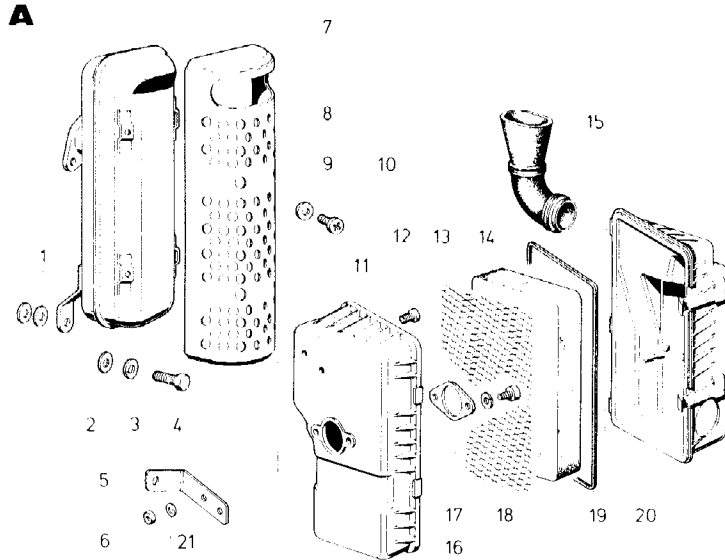


**RICAMBI  
PIECES  
SPARE PARTS  
ERSATZTEILE  
REPUESTOS  
RECÂMBIOS**

**RICAMBI PER MOTORE STANDARD.  
PER APPLICAZIONI SPECIALI  
CONSULTARE IL CATALOGO PRESSO I  
CENTRI ASSISTENZA E RICAMBI.**

**PIECES POUR DES MOTEURS  
STANDARD.  
POUR LES ADAPTATIONS CONSULTER LE  
CATALOGUE AUPRES DES AGENTS  
SERVICE.**

**SPARE PARTS FOR STANDARD  
ENGINE.  
FOR SPECIAL-APPLICATIONS SEE  
MASTER CATALOG AT SERVICE  
CENTERS.**



ERSATZTEILE FÜR STANDARD-MOTOREN.

FÜR SONDERANFERTIGUNGEN SIEHE ERSATZTEILKATALOG BEI SERVICE WERKSTÄTTEN.

REPUESTOS PARA MOTOERES STANDARD.

PARA APLICACIONES VEASE CATALOGO EN LAS ESTACIONES SERVICE.

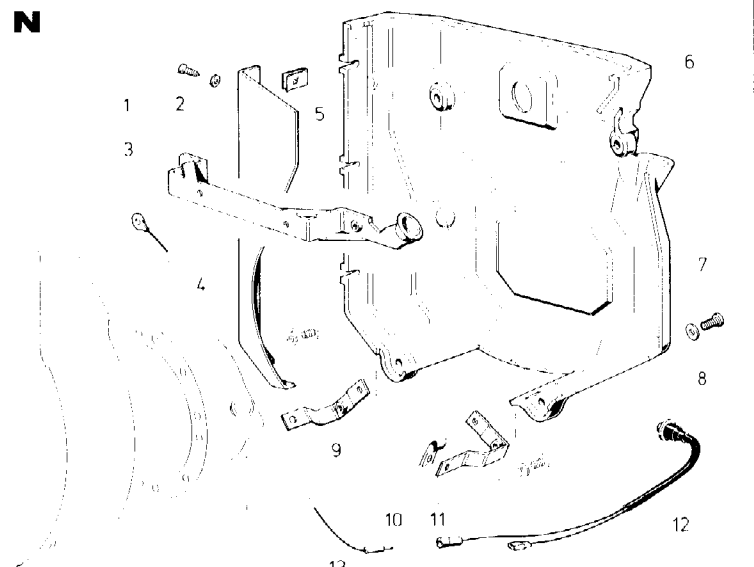
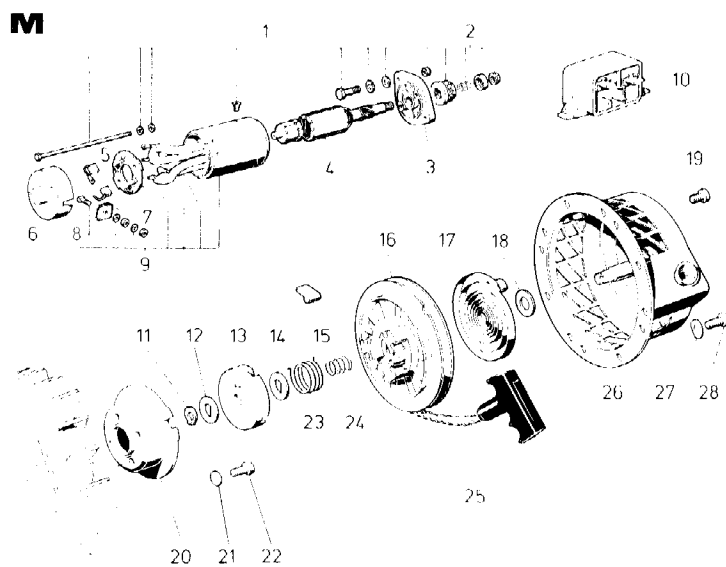
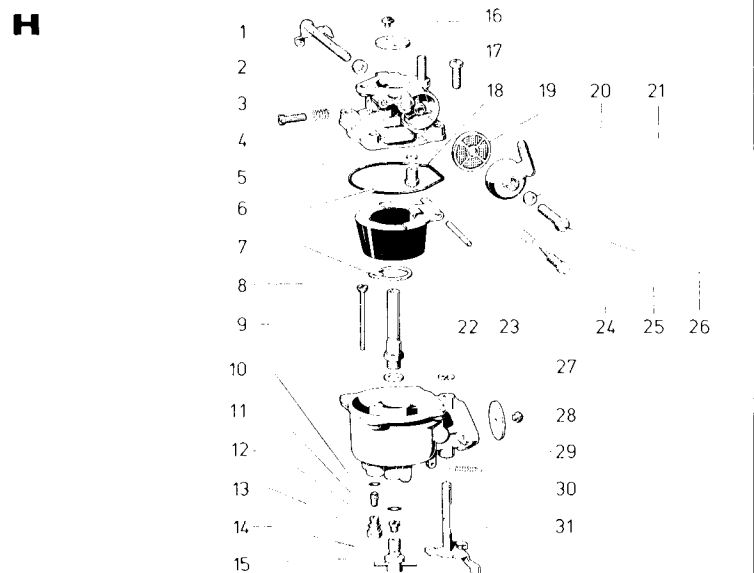
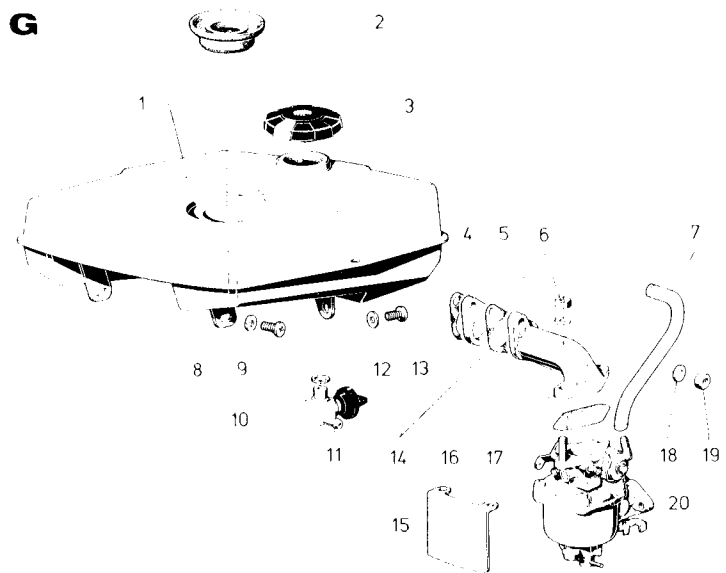
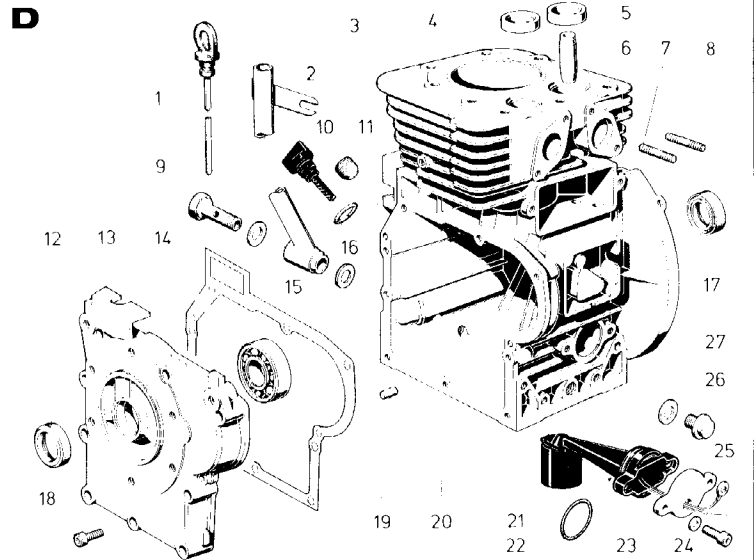
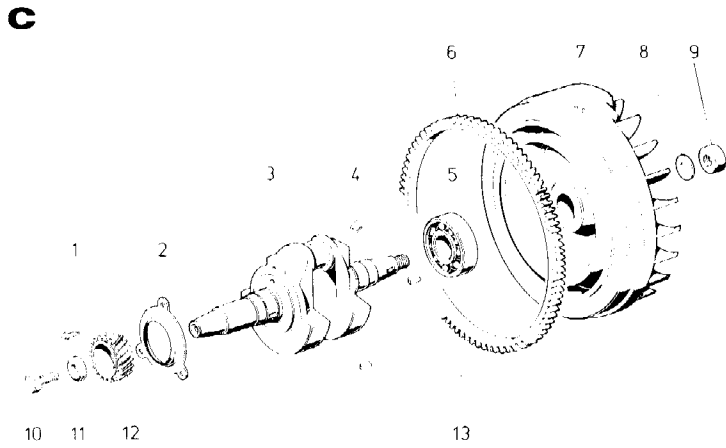
PEÇAS DE TROCA PARA MOTOR STANDARD.

PARA APLICAÇÕES ESPECIAIS CONSULTAR O CATALOGO NOS CENTROS DE ASSISTÊNCIA E PEÇAS DE TROCA.

GRUPPO

1

1 IM 359 "CEE"





**Gr. 1 IM 359 CEE**

	TAVOLA RICAMBI	MATR.
LEGENDA . . . . .	SPERE PARTS TABLE	P.NO. . . . .169.5302.377
	TABLEAU PIECES DETACHEES	REF.

**MARZO/MARCH/MARS 1990**

**MOTORE TIPO/ENGINE TYPE/MOTEUR TYPE**

**Colonna/Column/Colonne 1 = Versione/Version:** AVVIAMENTO AUTOAVVOLGENTE  
RECOIL STARTER  
LANCEUR AUTOMATIQUE.

**Colonna/Column/Colonne 2 = Versione/Version:** AVVIAMENTO ELETTRICO  
ELECTRICAL STARTING  
DEMARRAGE ELECTRIQUE.

**Vedi/See/Voir**

Libretto Uso e Manutenzione  
Use-Maintenance booklet . . . . . 169.5302.377  
Livret Emploi-Entretien

Libretto Service  
Service directory . . . . .  
Reseau S.A.V.

Serie accessori  
Accessories set . . . . . 147.8140.072  
Jeu accessoires

Composizione serie  
Sets composition . . . . . vedi riquadro  
Composition des series . . . . . see drawing  
voir tableau

**Note/Remarks/Remarques**

- F** - alta movimentazione - fast moving part - haut mouvement.
- S** - media movimentazione - medium moving part - moyen mouvement.
- D** - bassa movimentazione - slow moving part - bas mouvement.
- E** - ad esaurimento - exhausting part - piece en epuisement.
- N** - particolare nuovo o fornito su richiesta - new part or part supplied upon request - piece nouvelle ou fournie sur demande.
- A** - valido dal motore.... - from eng. S.No.... - a partire du moteur....\*
- B** - valido fino al motore.... - up to eng. S.No.... - Jusqu'au moteur....\*
- I** - intercambiabile - interchangeable\*
- \* (vedi Circolare tecnica - see Service Letter - voir Circ. Techn.)
- V** - Stock vitale per Officine Service - vital stock for Service Dealer - stock vital pour Stations Service.
- C** - Stock vitale per Costruttori, Esportatori, Enti di Stato. - vital stock for Producers, Exporters, State Companies. stock vital pour Constructeurs, Export., Institut. de l'Etat.
- R** - Stock vitale per Rettifica - vital stock for Grinding Workshops. - stock vital pour Usines de Rectification.
- 10/50/2 - q.ta minima fornibile - min. supplied q.ty - q.te min. fournie.
- = gruppo completo - assembly - groupe complet.
- + componente del gruppo - assembly component - composant du groupe.

**Per assistenza e ricambi rivolgersi all'Organizzazione intermotor: N. tel. su libretto Service e su pagine gialle.**

Serie guarnizioni motore - Engine gasket set . . . . . 1580.8180.172

Serie guarnizioni carburatore - Carburetor gasket set . . . . . 74.8180.167

Tipo motore - Engine type . . . . . Blocco motore - Short block



## ASPIRAZIONE E SCARICO/INTAKE AND EXHAUST

POS.	MATRICOLA/PART.NO.	NOTE/REMARKS	Q.TY/ENG.	
A 1	9.7626.064	Rondella/Washer	2	2
A 2	9.7625.010	Rondella/Washer	1	1
A 3	9.7565.007	Rondella/Washer	1	1
A 4	9.1770.004	Bullone/Bolt M8 x 1,25 x 20	1	1
A 5	1580.8506.086	Squadretta/Bracket	1	1
A 6	9.3240.004	Dado/Nut	2	2
A 7	1470.5460.374	Marmitta/Muffler	1	1
A 8	1470.6927.196	Protezione/Muffler guard	1	1
A 9	9.7625.007	Rondella/Washer	4	4
A 10	9.9790.037	Vite/Screw M6 x 1 x 8	4	4
A 11	9.9790.028	Vite/Screw M5 x 0,8 x 10	2	2
A 12 +	1470.3790.062	Flangia/Flange	1	1
A 13 +	1580.3930.091	Fondello/End plate	1	1
A 14 +	1580.5496.165	Massa Filtrante/Filtering element	1	1
A 15 +	1580.9410.078	Tubo/Pipe	1	1
A 16	= 1690.3700.323	Filtro aria/Air cleaner (Pos. 12 + 13 + 14 + 15 + 16 + 19 + 20)	1	1
A 16 +	1580.7870.031	Scatola/Housing	1	1
A 17	9.7625.008	Rondella/Washer	2	2
A 18	9.9730.012	Vite/Screw M6 x 1 x 20	2	2
A 19 +	169.4775.495	Guarnizioni/Gasket	1	1
A 20 +	1580.2605.078	Coperchio/Cover	1	1
A 21	9.7625.005	Rondella/Washer	2	2

Motore/Engine 1 IM 359 CEE Versione/Version: Avviam. Autoavv./Recoil Start

Motore/Engine 1 IM 359 CEE Versione/Version: Avviam. Elettr./Electr./Start

Motore/Engine Versione/Version:

Motore/Engine Versione/Version:



## BIELLA E PISTONE/CONNECTING ROD AND PISTON SET

POS.	MATRICOLA/PART.NO.	NOTE/REMARKS	Q.TY/ENG.	
B 1 +	147.1261.070	Anello/Ring	2	2
B 2 +	147.8480.002	Spinotto/Gudgeon pin	1	1
B 3	= 147.1526.026	Biella/Connecting rod	1	1
"	= 147.1526.027	Biella/Connecting rod — 0,25		
"	= 147.1526.028	Biella/Connecting rod — 0,50 (Pos. 3 + 4 + 5)		
B 4 +	90.6330.055	Lamierino/Safety Plate	1	1
B 5 +	9.1760.030	Bullone/Bolt M6x1x45	2	2
B 6	= 158.6502.081	Pistone Compl./Piston Set	1	1
"	= 158.6502.084	Pistone Compl./Piston Set + 0,50		
"	= 158.6502.085	Pistone Compl./Piston Set + 1,00 (Pos. 1 + 2 + 6+7)		
B 7 +	158.8210.099	Serie segmenti/Ring Set	1	1
"	158.8211.001	Serie segmenti/Ring Set + 0,50		
"	158.8211.002	Serie segmenti/Ring Set + 1,00		

Motore/Engine 1 IM 359 CEE Versione/Version: Avviam. Autoavv./Recoil Start

Motore/Engine 1 IM 359 CEE Versione/Version: Avviam. Elettr./Electr./Start

Motore/Engine Versione/Version:

Motore/Engine Versione/Version:





## ALBERO A GOMITO E VOLANO/CRANKSHAFT AND FLYWHEEL

POS.	MATRICOLA/PART.NO.	NOTE/REMARKS	Q.TY/ENG.	
C 1 +	9.7481.024	Rivetto/Rivet	3	3
C 2 +	147.2194.014	Centrifugatore olio/Centrifugal oil baffle	1	1
C 3	= 147.1050.729	Albero gomito/Crankshaft (Pos. 1+2+3+4+12+13)	1	1
C 4 +	9.9000.027	Tappo/Cap	1	1
C 5	9.3001.009	Cuscinetto/Bearing 30x62x16	1	1
C 6 +	1470.2816.034	Corona/Ring gear		1
C 7	= 1470.9880.540	Volano avv. elettr./Flywheel electr. start (Pos. 6+7)		1
"	1470.9880.538	Volano std/Flywheel std	1	
C 8	9.7530.018	Rondella/Washer	1	1
C 9	9.3260.055	Dado/Nut M16x1,5 Sin.	1	1
C 10	9.1770.039	Bullone Bolt. M8x1,25x28	1	1
C 11	9.7625.060	Rondella/Washer	1	1
C 12 +	147.4936.182	Ingranaggio/Gear	1	1
C 13 +	9.2280.044	Chiavetta/Key 4x4,5x16	2	2

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**BASAMENTO E PORTINA DISTRIBUZIONE/CRANKCASE AND COVER GEAR**

POS.	MATRICOLA/PART.NO.	NOTE/REMARKS	Q.TY/ENG.	
D 1	9000.1400.057	Asta livello olio/Dipstick	1	
D 2	1470.9485.179	Tubo/Pipe	1	
D 3	= 1580.1510.444	Basamento STD/Crankcase STD (Pos. 3+4+5+6+20)	1	
"	= 1580.1510.447	Basamento avv. elettr./Crankcase electr. start (Pos. 3+4+5+6+20)	1	
D 4 +	90.8000.033	Sede valv. scarico/Exhaust valve seat	1	1
D 5 +	90.8000.034	Sede valv. aspirazione/Inlet valve seat	1	1
D 6 +	90.4845.028	Guida valvola/Valve guide	2	2
D 7	9.6760.047	Prigioniero/Stud M6x1x16	2	2
D 8	9.6760.008	Prigioniero/Stud M6x1x20	2	2
D 9	9.1901.014	Bullone raccordo/Connection bolt	1	
D 10	147.9032.056	Tappo riforn. olio/Oil filler cap	1	
D 11	9.9765.058	Vite/Screw M16x2x15	1	
D 12	9.1213.056	Anello ten./Seal ring 28x38x7	1	1
D 13	147.6645.263	Portina/Case Cover	1	1
D 14	9.3001.009	Cuscinetto/Bearing 30x62x16	1	1
D 15	9.4350.006	Guarnizione/Gasket	1	2
D 16	9.1200.003	Anello OR/Rubber oil seal	1	
D 17	9.1213.002	Anello ten./Seal 28x38x7	1	1
D 18	9.9730.060	Vite/Screw M6x1x35	9	9
D 19	147.4601.029	Guarnizione/Gasket	1	1
D 20 +	90.8460.083	Spina/Locating pin	2	2
D 21	1470.3440.024	Dispositivo liv. olio/Oil level light	1	1
D 22	9.1200.082	Anello OR/Rubber oil seal	1	1
D 23	9.7555.003	Rondella/Washer	2	2
D 24	9.9730.115	Vite/Screw M5x0,8x14	2	2
D 25	1470.6370.259	Piastrina/Plate	1	1
D 26	90.8980.010	Tappo/Cap 1/4 Gas	2	1
D 27	9.4350.006	Guarnizione/Gasket	1	1

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## DISTRIBUZIONE E REGOLAZIONE DI GIRI/TIMING AND SPEED GOVERNOR

POS.	MATRICOLA/PART.NO.	NOTE/REMARKS	Q.TY/ENG.	
E 1	9.3240.004	Dado/Nut M5x0,8	1	1
E 2	9.7555.003	Rondella/Washer	1	1
E 3	9.7625.005	Rondella/Washer	1	1
E 4	147.5200.651	Leva/Lever	1	1
E 5	9.1755.014	Bullone/Bolt M5x0,8x25	1	1
E 6	70.5800.072	Molla/Spring	1	1
E 7	90.2183.031	Cavallotto/Hinge link	1	1
E 8	90.9685.022	Valvola scarico/Exhaust valve	1	1
E 9	90.9652.016	Valvola aspirazione/Intake valve	1	1
E 10	90.6400.029	Piattello/Retainer	2	2
E 11	90.5755.036	Molla/Spring	2	2
E 12	90.6400.028	Piattello/Retainer	2	2
E 13	90.7215.029	Punteria/Tappet	2	2
E 14	9.7625.005	Rondella/Washer	1	1
E 15	9.1919.006	Bullone/Bolt	1	1
E 16 +	—			
E 17	= 147.4910.066	Ingranaggio/Gear (Pos. 16 + 17 + 18)	1	1
E 18 +	—			
E 19 +	9.1165.010	Anello/Circlip	1	1
E 20	9.9790.047	Vite/Screw M6x1x17	2	2
E 21	147.6140.415	Perno/Shaft	1	1
E 22	147.5204.006	Leva/Lever	1	1
E 23	9.7565.004	Rondella/Washer	1	1
E 24	9.3240.008	Dado/Nut M6x1x5	1	1
E 25 +	147.7200.064	Puntalino/Drive rod	1	1
E 26 +	90.3430.055	Disco/Disc	1	1
E 27 +	9.1165.010	Anello/Circlip	1	1
E 28 +	9.7620.017	Rondella/Washer	1	1
E 29	9.6130.050	Spina/Taper pin	1	1
E 30 +	147.8780.010	Supporto/Support	1	1
E 30	= 147.7362.235	Regolatore compl./Governor ass.ly (Pos. 16 + 17 + 18 + 19 + 25 + 26 + 27 + 28 + 30)	1	1
E 31 +	147.1301.245	Anello/Ring	1	1
E 32 +	147.1111.106	Alberino/Shaft	1	1
E 33 +	9.8430.061	Spina/Taper pin	1	1
E 34	= 147.3348.033	Decompressione/Compression rel. (Pos. 31 + 32 + 33 + 34)	1	1

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## TESTA E BOBINA/HEAD AND COIL

POS.	MATRICOLA/PART.NO.	NOTE/REMARKS	Q.TY/ENG.	
F 1 +	1470.1450.092	Attacco/Connection	1	1
F 2	70.6900.037	Prolunga/Extension	1	1
F 3 +	70.2135.049	Cappello/ Cap	1	1
F 4	9.1780.055	Bullone/Bolt M10 x 1,5 x 45	9	9
F 5	9.7626.028	Rondella/Washer	9	9
F 6	158.9201.075	Testa/Head	1	1
F 7	147.2100.006	Candela/Spark plug.	1	1
F 8 +	1.5400.007	Manicotto/ Sheat	1	1
F 9 +	—	Cavo bobina/Coil cable	1	1
F 10 +	70.2470.054	Collare/ Collar	1	1
F 11	9.9790.039	Vite/Screw M6 x 1 x 12	1	1
F 12	9.3240.003	Dado/Nut M4 x 0,7	2	2
F 13	1580.4730.392	Guarnizione/Gasket	1	1
F 14	9.1750.043	Bullone/Bolt M4 x 0,7 x 25	1	1
F 15	147.8770.029	Supporto/Support	1	1
F 16	= 1470.1567.154	Bobina/Coil (Pos. 1 + <del>2</del> + 8 + 9 + 10 + 16)	1	1
F 17	1470.3526.085	Distanziale/Spacer	2	2
F 18	9.7625.007	Rondella/Washer	2	2
F 19	9.1760.006	Bullone/Bolt M6 x 1 x 20	2	2

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## CIRCUITO COMBUSTIBILE/FUEL SYSTEM

POS.	MATRICOLA/PART.NO.	NOTE/REMARKS	Q.TY/ENG.	
G 1	= 1690.8103.266	Serbatoi compl./Fuel tank (Pos. 1+3+10+11)	1	1
G 2	147.5401.023	Manicotto/Sheat	1	1
G 3 +	147.9080.131	Tappo/Cap	1	1
G 4	1470.4775.469	Guarnizioni/Gasket	1	1
G 5	9.7555.003	Rondella/Washer	2	2
G 6	9.3240.008	Dado/Nut M6x1	2	2
G 7	147.9375.099	Tubo combustib./Fuel tube	1	1
G 8	9.7500.018	Rondella/Washer	2	2
G 9	9.9790.039	Vite/Screw M6x1x12	2	2
G 10 +	44.4580.076	Guarnizione/Gasket	1	1
G 11 +	1580.7755.102	Rubinetto/Shut off valve	1	1
G 12	9.7500.018	Rondella/Washer	2	2
G 13	9.9790.039	Vite/Screw M6x1x12	2	2
G 14	158.4501.019	Guarnizione/Gasket	2	2
G 15	1690.6927.272	Protezione/Guard	1	1
G 16	158.2942.133	Curva/Intake elbow	1	1
G 17	158.4470.013	Guarnizioni//Gasket	1	1
G 18	9.7565.004	Rondella/Washer	2	2
G 19	9.3240.008	Dado/Nut M6x1	2	2
G 20	1690.2151.236	Carburatore/Carburetor	1	1

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## CARBURATORE/CARBURATOR

POS.	MATRICOLA/PART.NO.	NOTE/REMARKS	Q.TY/ENG.	
H 1	= 74.6100.039	Perno compl./Valve shaft ass.ly (Pos. 1+16+17)	1	1
H 2 +	—	Anello/Protection ring	1	1
H 3	9.9820.112	Vite/Screw	1	1
H 4	147.5801.141	Molla/Spring	1	1
H 5 +	—	Guanizione/Gasket	1	1
H 6	147.7996.014	Sede spillo/Needle valve seat	1	1
H 7 +	—	Guanizione/Gasket	1	1
H 8	74.3588.034	Emulsionatore/Mixture tube	1	1
H 9	999.7996.013	Sede/Seat	1	1
H 10 +	9.1200.172	Anello OR/Rubber oil seal	1	1
H 11	74.4126.067	Getto min./Idle Jet Ø 0,45	1	1
H 12 +	9.1200.173	Anello OR/Rubber oil seal	1	1
H 13	147.6610.004	Portagetto/Jet carrier	1	1
H 14	74.4126.069	Getto max/Main Jet Ø 1,05	1	1
H 15	147.6610.003	Portagetto/Jet carrier	1	1
H 16 +	—	Vite/Screw	2	2
H 17 +	—	Farfalla/Butterfly valve	1	1
H 18 +	—	Guarnizione/Gasket	1	1
H 19	10.3730.041	Filtro/Fuel filter	1	1
H 20	147.6491.029	Raccordo/Union	1	1
H 21 +	—	Guarnizione/Gasket	1	1
H 22	147.4105.019	Galleggiante/Float	1	1
H 23	999.6231.077	Perno/Journal	1	1
H 24	9.9850.073	Vite/Screw	1	1
H 25	147.5801.141	Molla/Spring	1	1
H 26	9.9820.113	Vite/Screw	1	1
H 27 +	—	Guarnizione/Gasket	1	1
H 28 +	—	Vite/Screw	1	1
H 29 +	—	Farfalla/Butterfly valve	1	1
H 30	147.5801.142	Molla/Spring	1	1
H 31	= 74.6100.038	Perno compl./valve shaft ass.ly (Pos. 28+29+31)	1	1
	= 74.8180.167	Serie guarnizioni/Gasket Set (Pos. 2+5+7+10+12+18+21+27)		

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## RAFFREDDAMENTO/COOLING

POS.	MATRICOLA/PART.NO.	NOTE/REMARKS	Q.TY/ENG.	
I 1 +	9.7481.025	Rivetto/Rivet	2	2
I 2 +	70.7195.003	Pulsante/Push button	1	1
I 3 +	147.5640.010	Molla/Spring	1	1
I 4	9.7500.018	Rondella/Washer	2	2
I 5	9.9790.039	Vite/Screw M6x1x12	2	2
I 6	9.9790.039	Vite/Screw M6x1x12	4	3
I 7	9.9790.039	Vite/Screw M6x1x12	1	1
I 8	1470.2920.117	Cuffia/Air baffle hood	1	1
I 9	147.4776.059	Guarnizione/Gasket		1
I 10	= 1690.2569.472	Convogliatore/Shroud <i>hand start reb</i>	1	
I "	= 1690.2569.473	Convogliatore/Shroud <i>elec. start</i>		1
I 11	9.9790.037	Vite/Screw M6x1x8		1
I 12	9.7500.018	Rondella/Washer	4	4

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**COMANDO ACCELERATORE E SFIATO/THROTTLE CONTROL AND BREATHER**

POS.	MATRICOLA/PART.NO.	NOTE/REMARKS	Q.TY/ENG.	
L 1 +	—	Pomello/Knob	1	1
L 2 +	—	Leva/Lever	1	1
L 3 +	—	Dado/Nut M5 x 0,8	1	1
L 4	9.9790.028	Vite/Screw M5 x 0,8 x 10	2	2
L 5	= 147.2750.282	Coperchio compl./Cover ass.ly (Pos. 1+2+3+5+10+11+12+13+14)	1	1
L 6	9.1165.006	Anello/Circlip	1	1
L 7	147.5200.202	Leva/Lever	1	1
L 8	147.5680.067	Molla/Spring	1	1
L 9	147.6140.137	Perno/Journal	1	1
L 10 +	—	Dado/Nut M5 x 0,8	1	1
L 11 +	—	Rondella/Washer	1	1
L 12 +	—	Molla/Spring	2	2
L 13 +	—	Rondella/Washer	1	1
L 14 +	—	Piastrina/Plate	1	1
L 15	1470.5655.108	Molla regolatore/Governor Spring	1	1
L 16	9.1760.034	Bullone/Bolt M6 x 1 x 25	1	1
L 17	9.3240.008	Dado/Nut M6 x 1	2	2
L 18	147.1557.058	Blocchetto/Nut	1	1
L 19	9.1760.082	Bullone/Bolt M6 x 1 x 35	1	1
L 20	90.4680.039	Guarnizione/Gasket	1	1
L 21	= 147.7951.109	Scatola/Housing (Pos. 21+24)	1	1
L 22	90.5976.001	Paglietta/Breather wire mesh	1	1
L 23	90.4680.039	Guarnizione/Gasket	1	1
L 24 +	180.9695.013	Valvola/Crankcase breather	1	1
L 25	1470.2690.288	Coperchio/Cover	1	1
L 26	9.9790.039	Vite/Screw M6 x 1 x 12	1	1
L 27	147.9580.018	Tubo/Tube	1	1

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## AVVIAMENTO/STARTING

POS.	MATRICOLA/PART.NO.	NOTE/REMARKS	Q.TY/ENG.		
M 1	= 1470.5840.119	Motorino avviamento/Starting motor		1	
M 1 +	1470.8140.097	Serie bulloneria/Bolt set (Pos. 1+8)		1	
M 2 +	1470.6456.009	Pignone/Pinion gear		1	
M 3 +	1470.8815.062	Supporto/Support		1	
M 4 +	147.4908.033	Indotto/Arm winding		1	
M 5 +	147.8310.043	Spazzole/Brush set		1	
M 6 +	1470.8815.063	Supporto/Support		1	
M 7 +	147.6617.009	Portacontatto/Contact carrier		1	
M 8 +	—			—	
M 9 +	147.9599.045	Tubo statorico/Stator pipe		1	
M 10	9000.5041.019	Interruttore solenoide/Solenoid switch		1	
M 11 +	9.1165.006	Anello Seeger/Snap ring	1		
M 12 +	1470.3410.054	Disco/Disc	1		
M 13 +	1470.2136.022	Cappellotto/Cap	1		
M 14 +	1470.3410.054	Disco/Disc	1		
M 15 +	90.6366.004	Piastrina/Plate	3		
M 16 +	1470.7100.244	Puleggia/Pulley	1		
M 17 +	1470.5801.179	Molla/Spring	1		
M 18 +	1470.3430.101	Disco/Disc	1		
M 19	9.9730.037	Vite/Screw M6 x 1 x 8	2		
M 20	147.6961.014	Puleggia/Pulley	1	1	
M 21	9.7555.004	Rondella/Washer	4	4	
M 22	9.1760.006	Bullone/Bolt M6 x 1 x 20	4	4	
M 23 +	1470.5680.064	Molla/Spring	1		
M 24 +	1470.5725.041	Molla/Spring	1		
M 25 +	90.4055.005	Fune/Rope	1		
M 26 +	1470.7951.064	Scatola/Housing	1		
M 26	= 147.1471.069	Autoavvolgente compl./Rewind starter (Pos. 11+12+13+14+15+16+17+18+23+24+25+26)	1		
M 27	9.7500.018	Rondella/Washer	4		
M 28	9.9790.039	Vite/Screw M6 x 1 x 12	2		

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**INSONORIZZAZIONE / SOUNDPROFING**

POS.	MATRICOLA/PART.NO.	NOTE/REMARKS	Q.TY/ENG.	
N 1	9.9760.018	Vite/Screw 4,2 x 19	3	3
N 2	9.7625.003	Rondella/Washer	3	3
N 3	1580.8865.161	Supporto/Support	1	1
N 4	1580.5981.058	Pannello/Panel	1	1
N 5	1470.3300.190	Dado rapid/Nut	3	3
N 6	1470.7986.024	Scudo/Shield	1	1
N 7	9.9790.047	Vite/screw M6 x 16	4	4
N 8	9.7626.001	Rondella/Washer	4	4
N 9	1580.8506.078	Squadretta/Angle bracket	1	1
N 10	1580.3617.172	Fascetta/Clamp	1	1
N 11	1580.8506.077	Squadretta/Angle bracket	1	1
N 12	1580.8345.038	Spia/Warning light	1	1
N 13	1580.2185.692	Cavetto/Wire	1	1

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