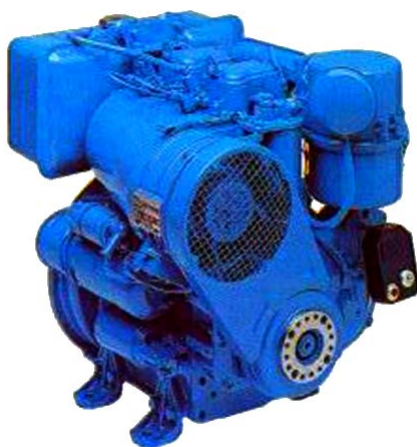


# ***AGROSAL d.o.o.***



## **LDA 672, 673, 674**



***AGROSAL d.o.o.***

Gregorčičeva ulica 38, 5270 Ajdovščina  
telefon: 05 368 90 96, fax: 05 368 90 97  
e-mail: [info@agrosal.si](mailto:info@agrosal.si), [www.agrosal.si](http://www.agrosal.si)



 **LOMBARDINI**

**LDA 672 832 L27**  
**LDA 673 833 L40**  
**LDA 674 834 L54**

**DIESEL**

**CARATTERISTICHE**  
**CARACTERISTIQUES**  
**CHARACTERISTICS**  
**TECHNISCHE DATEN**  
**CARACTERÍSTICAS**

**4 TEMPI**

**INIEZIONE** diretta sistema Bosch.

**RAFFREDDAMENTO** ad aria con soffiante assiale.

**LUBRIFICAZIONE** forzata con pompa ad ingranaggi. Refrigeratore olio (833/834 - L40 - L54).

**AVVIAMENTO** con motori-no elettrico.

**4 TEMPS**

**INJECTION** directe système Bosch.

**REFROIDISSEMENT** par air avec soufflerie axiale.

**GRAISSAGE** forcé avec pompe à engrenages. Refroidisseur d'huile (833/834 - L40 - L54).

**DEMARRAGE** par démar-reur électrique.

**4 STROKE**

**INJECTION:** Bosch direct system.

**AIR COOLING** by axial blower.

**LUBRICATION:** gear pump forced. Oil cooler (833/834 - L40 - L54).

**STARTING** by electrical motor.

**VIERTAKT**

**EINSPRITZUNG:** direkt Bosch-Verfahren.

**KÜHLUNG:** luftgekühlt mit Axialgebläse.

**SCHMIERUNG:** Drucksch-mierung mittels Zahnrad-pumpe. Ölkühler (833/834 - L40 - L54).

**ANLASSEN:** mittels Anlassmotor.

**4 TIEMPOS**

**INYECCION** directa siste-ma Bosch.

**REFRIGERACION** por aire mediante ventilador axial.

**LUBRIFICACION** forzada con bomba de engranajes. Refrigerador de aceite (833/834 - L40 - L54).

**ARRANQUE** por motor eléctrico.

|            |           |              |              |            | LDA                  |      |      | 832  | 833  | 834  |
|------------|-----------|--------------|--------------|------------|----------------------|------|------|------|------|------|
|            |           |              |              |            | 672                  | 673  | 674  | L27  | L40  | L54  |
| CILINDRI   | CYLINDRES | CYLINDERS    | ZILINDERZAHL | CILINDROS  | 2                    | 3    | 4    | 2    | 3    | 4    |
| ALESAGGIO  | ALESAGE   | BORE         | BOHRUNG      | DIAMETRO   | mm. 95               | 95   | 95   | 100  | 100  | 100  |
| CORSA      | COURSE    | STROKE       | HUB          | CARRERA    | mm. 95               | 95   | 95   | 105  | 105  | 105  |
| CILINDRATA | CYLINDREE | DISPLACEMENT | HUBRAUM      | CILINDRADA | cm <sup>3</sup> 1346 | 2019 | 2692 | 1648 | 2472 | 3296 |

**PRIMA DI AVVIARE**  
leggere ed osservare le istruzioni. L'inosservanza provoca la decadenza della garanzia.

**RODAGGIO**  
Prime 50 ore, non superare 70% del carico normale

**AVANT LE DEMARRAGE**  
lire et suivre les instructions. La garantie n'est plus valable en cas d'inobservation.

**RODAGE**  
Premieres 50 heures: ne pas dépasser 70% charge normale

**PRIOR TO STARTING**  
read and follow instructions. Failure to do so will make warranty void.

**RUN-IN**  
First 50 hours: operate below 70% normal load

**VOR DEM ANLASSEN**  
Anleitungen lesen und befolgen. Bei Behandlungs- oder Wartungsfehlern erlischt die Garantie.

**EINLAUFEN**  
Erste 50 Stunden: nicht über 70% der Vollast belasten

**ANTES DEL ARRANQUE**  
leer y respetar las instrucciones. El incumplimiento provoca la anulacion de la garantía.

**RODAJE**  
50 primeras horas: no rebasar de 70% de la carga normal

 **LOMBARDINI**

42100 REGGIO EM. (Italia) - ☎ (0522) 38841 - ☎ LOMBARMOTOR - TELEX 53003

LOMBARDINI ENGINES, Inc.  
LOMBARDINI FRANCE  
LOMBARD MOTORS KENYA  
LOMBARDINI MOTOREN  
LOMBARDINI MOTORES  
LOMBARDINI SINGAPORE

3401 Oak Cliff road B-2 Doraville, GA, 30340, USA  
8, Rue Béquet - Rueil-Malmaison, France  
Mombasa Rd. - Nairobi, Kenya  
Genfer Str. 11 - 6 Frankfurt/Main 56, Deutschland  
Zona Cova Solera - Rubi/Barcelona, España  
3 Shenton way - Singapore 1, Singapore

276 - 5301 - 67

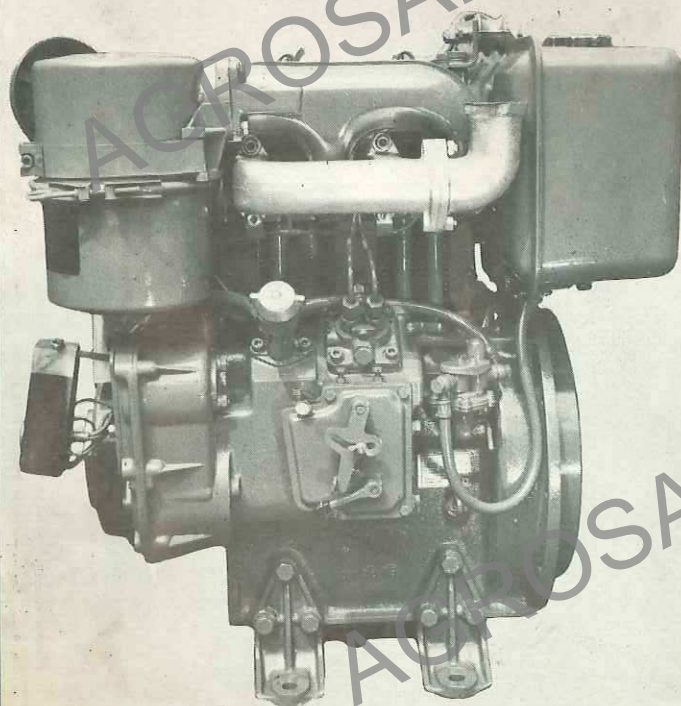
Mod. 1822.5/6 - 77

PRINTED IN ITALY

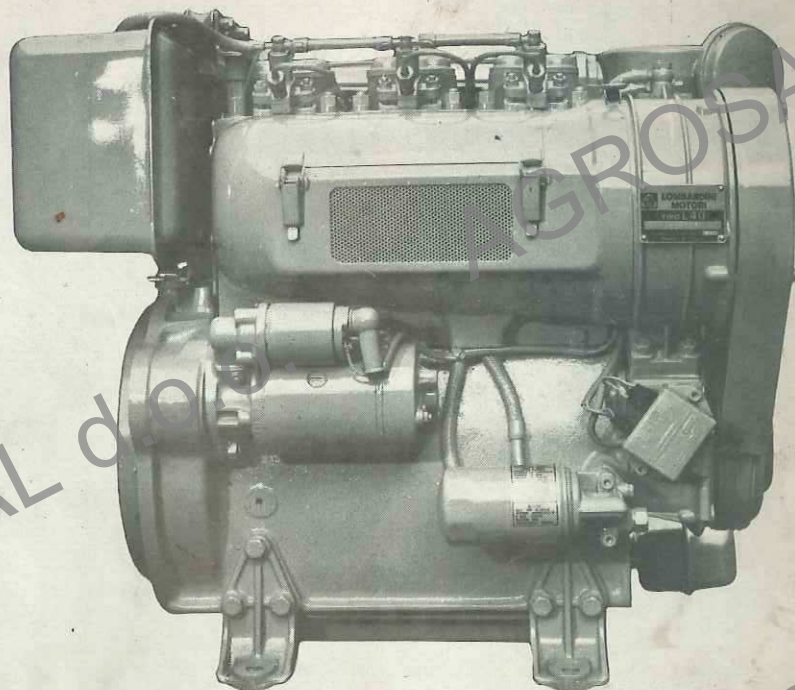
Released by Marketing Division



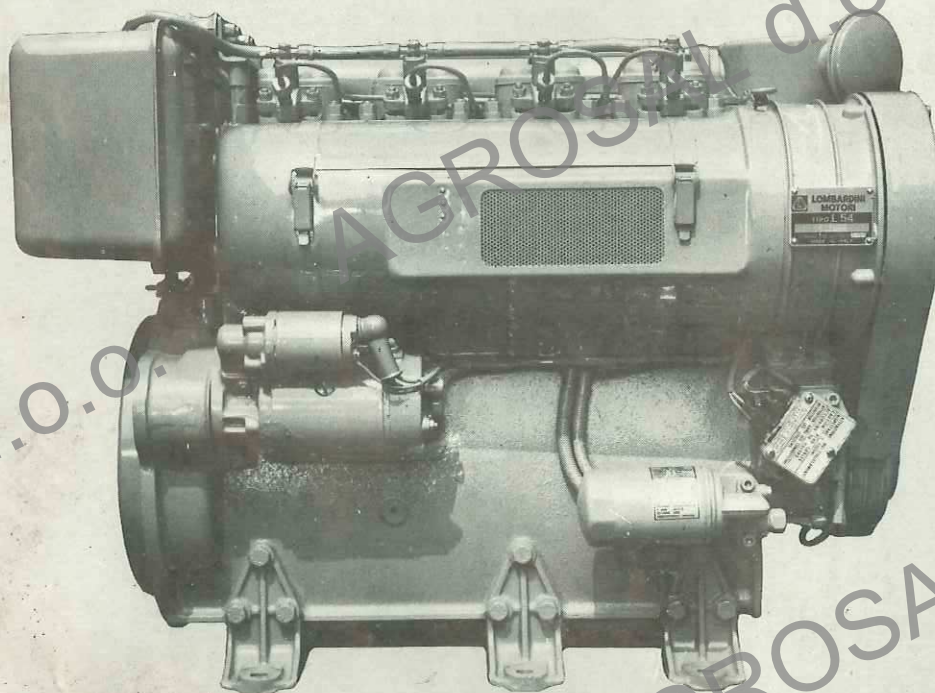
IDENTIFICAZIONE  
IDENTIFICATION  
IDENTIFICATION  
IDENTIFIZIERUNG  
IDENTIFICACION



LDA 672 - 832 - L27

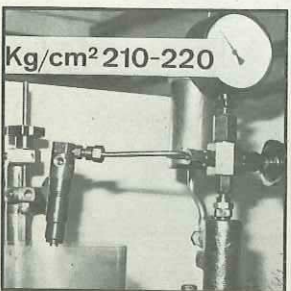
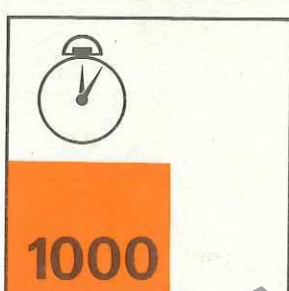
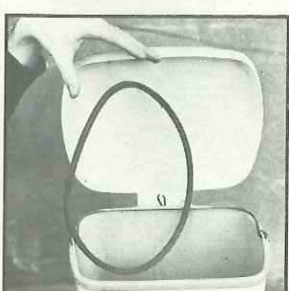
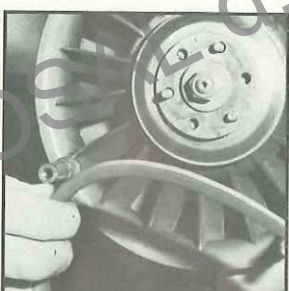
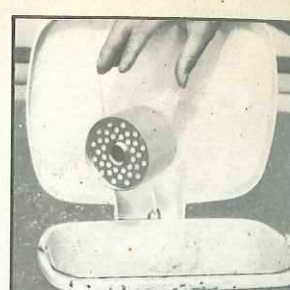
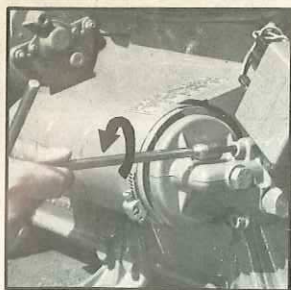


LDA 673 - 833 - L40

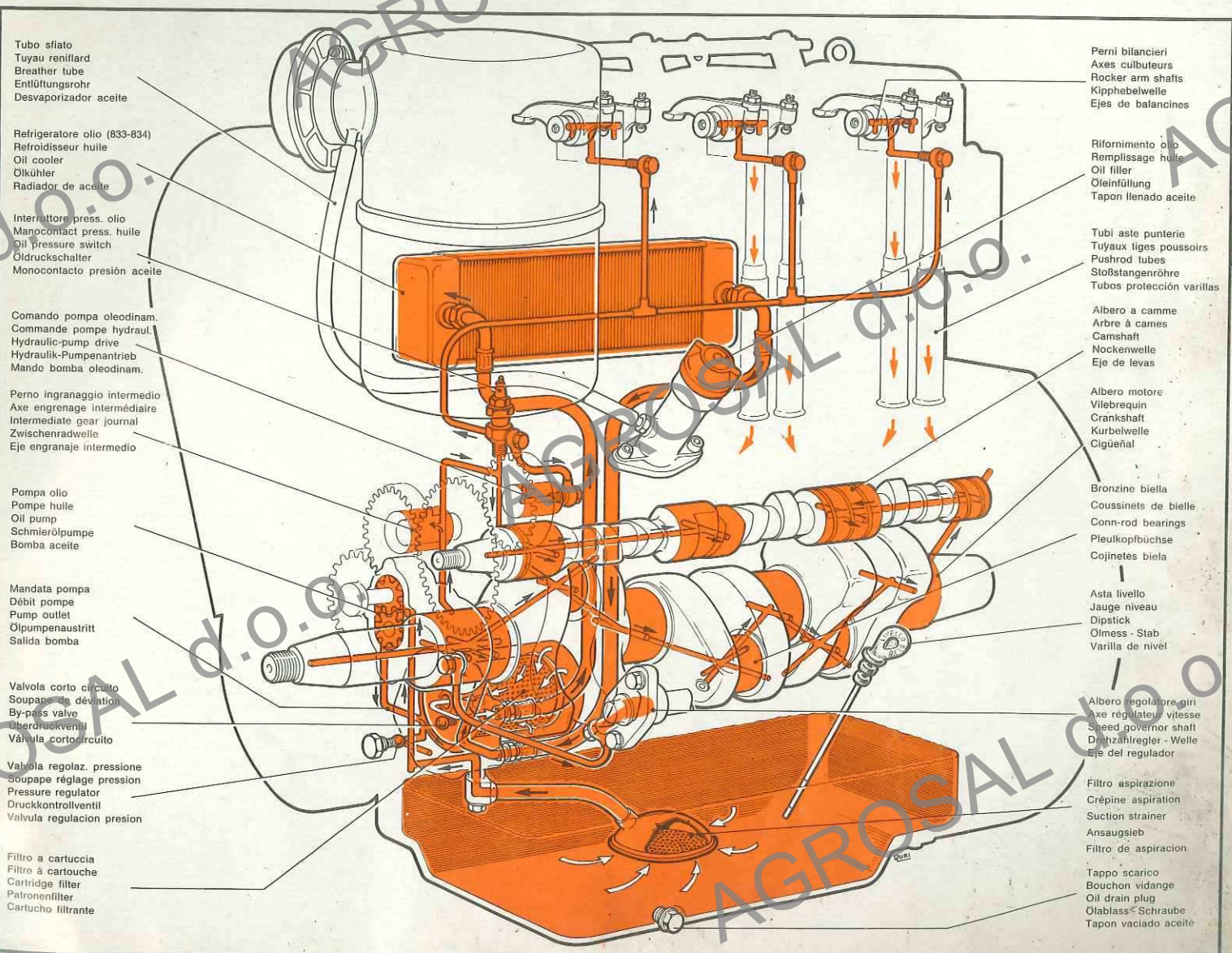


LDA 674 - 834 - L54





|                                                                                   | REVISIONE | REVISION  | OVERHAUL | ÜBERHOLUNG | REVISION |
|-----------------------------------------------------------------------------------|-----------|-----------|----------|------------|----------|
|  | 3000      | 3000      | 3000     | 3000       | 3000     |
|                                                                                   | PARZIALE  | PARTIELLE | TOP      | TEILWEISE  | PARCIAL  |
| 5000                                                                              | GENERALE  | GENERALE  | TOTAL    | VOLLIGE    | GENERAL  |





Iniettori  
Injecteurs  
Injectors  
Einspritzdüsen  
Inyectores

Filtro a cartuccia  
Filtre à cartouche  
Cartridge filter  
Patronenfilter  
Filtro de cartucho

Pompa iniezione  
Pompe d'injection  
Injection pump  
Einspritzpumpe  
Bomba inyeccion

Tubo rifiuto iniettori  
Tuyau rebut injecteurs  
Injector return line  
Leckölleitung  
Tubo retorno inyectores

Serbatoio  
Réservoir  
Fuel tank  
Kraftstofftank  
Deposito

Pompa alimentazione  
Pompe d'alimentation  
Fuel feeding pump  
Kraftstoff-Förderpumpe  
Bomba alimentacion

Iniettori  
Injecteurs  
Injectors  
Einspritzdüsen  
Inyectores

Pompa iniezione  
Pompe d'injection  
Injection pump  
Einspritzpumpe  
Bomba inyeccion

Pompa alimentazione  
Pompe d'alimentation  
Fuel feeding pump  
Kraftstoff-Förderpumpe  
Bomba alimentacion

Tubo rifiuto iniettori  
Tuyau rebut injecteurs  
Injector return line  
Leckölleitung  
Tubo retorno inyectores

Filtro a cartuccia  
Filtre à cartouche  
Cartridge filter  
Patronenfilter  
Filtro de cartucho

Dal serbatoio  
Du réservoir  
From fuel tank  
Vom Kraftstofftank  
Del depósito

## IMPIANTO ELETTRICO

Batteria non fornita.  
Fissare il regolatore su parete verticale, esente da vibrazioni, lontano dal calore. Se il motore ha supporti in gomma collegare a massa.

PER NON SCARICARE LA BATTERIA O DANNEGGIARE L'IMPIANTO:  
IN MOTO, chiavetta su MARCIA (non staccare i cavi della batteria).  
DA FERMO, chiavetta su RIPOSO.

## INSTALLATION ELECTRIQUE

La batterie n'est pas livrée.  
Monter le régulateur verticalement sur une paroi sans vibrations, loin de la chaleur. Si le moteur a des supports en caoutchouc, connecter à la masse.

POUR NE PAS DECHARGER LA BATTERIE OU ENDOMMAGER L'INSTALLATION:  
APRES LE DEMARRAGE, clef sur MARCHE (ne déclancher jamais la batterie).  
A MOTEUR ARRÊTÉ, clef sur REPOS.

## ELECTRICAL SYSTEM

Battery not supplied.  
Place regulator on a non vibrating vertical board far from heat. Ground rubber mounted engines.

TO PREVENT BATTERY DISCHARGING OR DAMAGES TO THE SYSTEM:  
ENGINE RUNNING, key-switch on RUNNING (never disconnect battery cables).  
ENGINE STOPPED, key-switch on STOP.

## ELEKTRISCHE ANLAGE

Lieferung der Batterie nicht einbegriffen.  
Regler senkrecht in ausreichendem Abstand von Wärme und einer schwingungsfreien Stelle anbringen. Im Falle von Gummipuffern Massenschluss sichern.

UM BATTERIE ENTLEERUNG ODER BESCHÄDIGUNGEN DER ANLAGE ZU VERMEIDEN:  
NACH DEM ANLASSEN, Schlüssel auf LAUFEN (niemals Batteriekabel lösen).  
BEI STILLSTAND, Schlüssel auf NULLSTELLUNG.

## ARRANQUE ELECTRICO

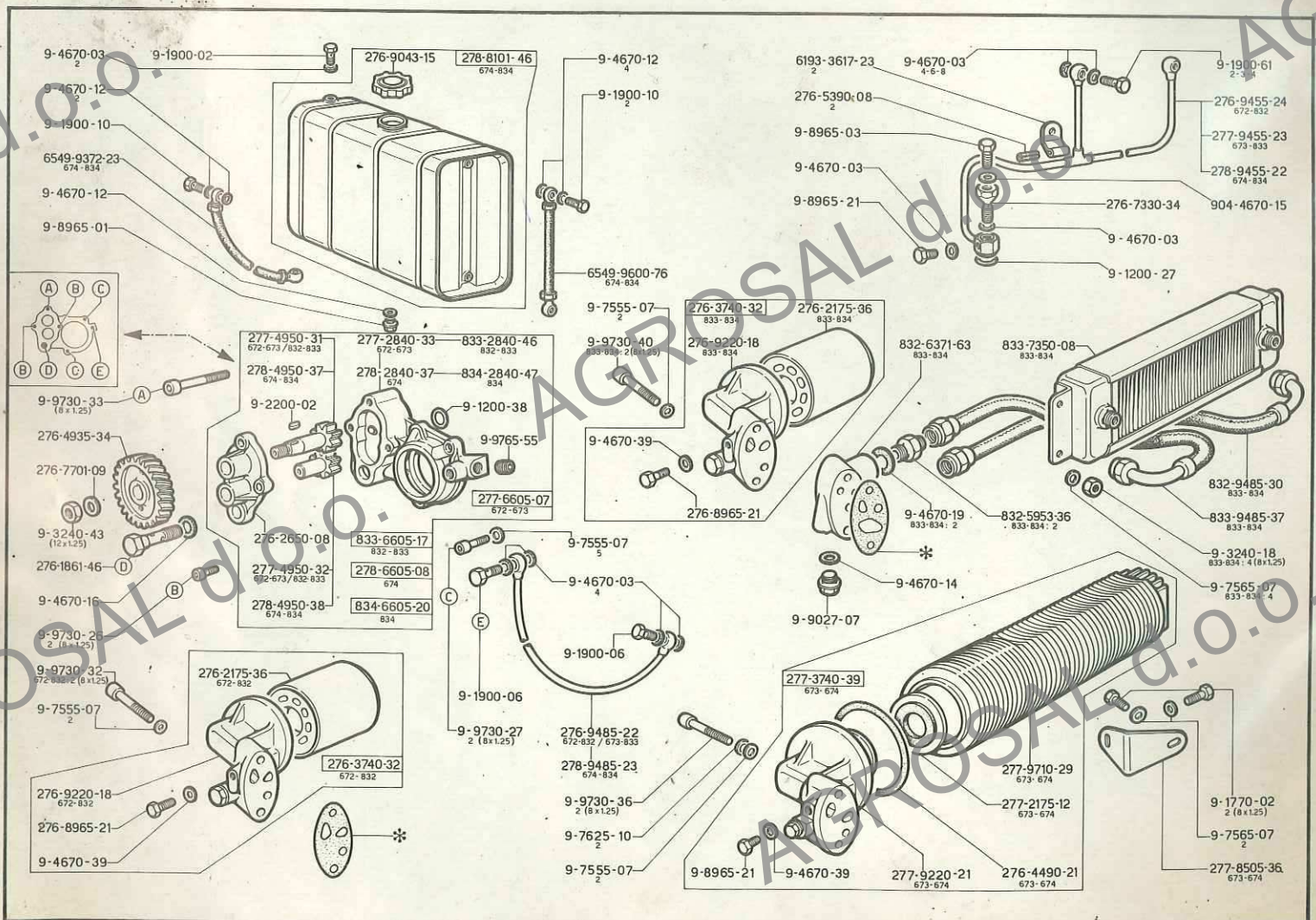
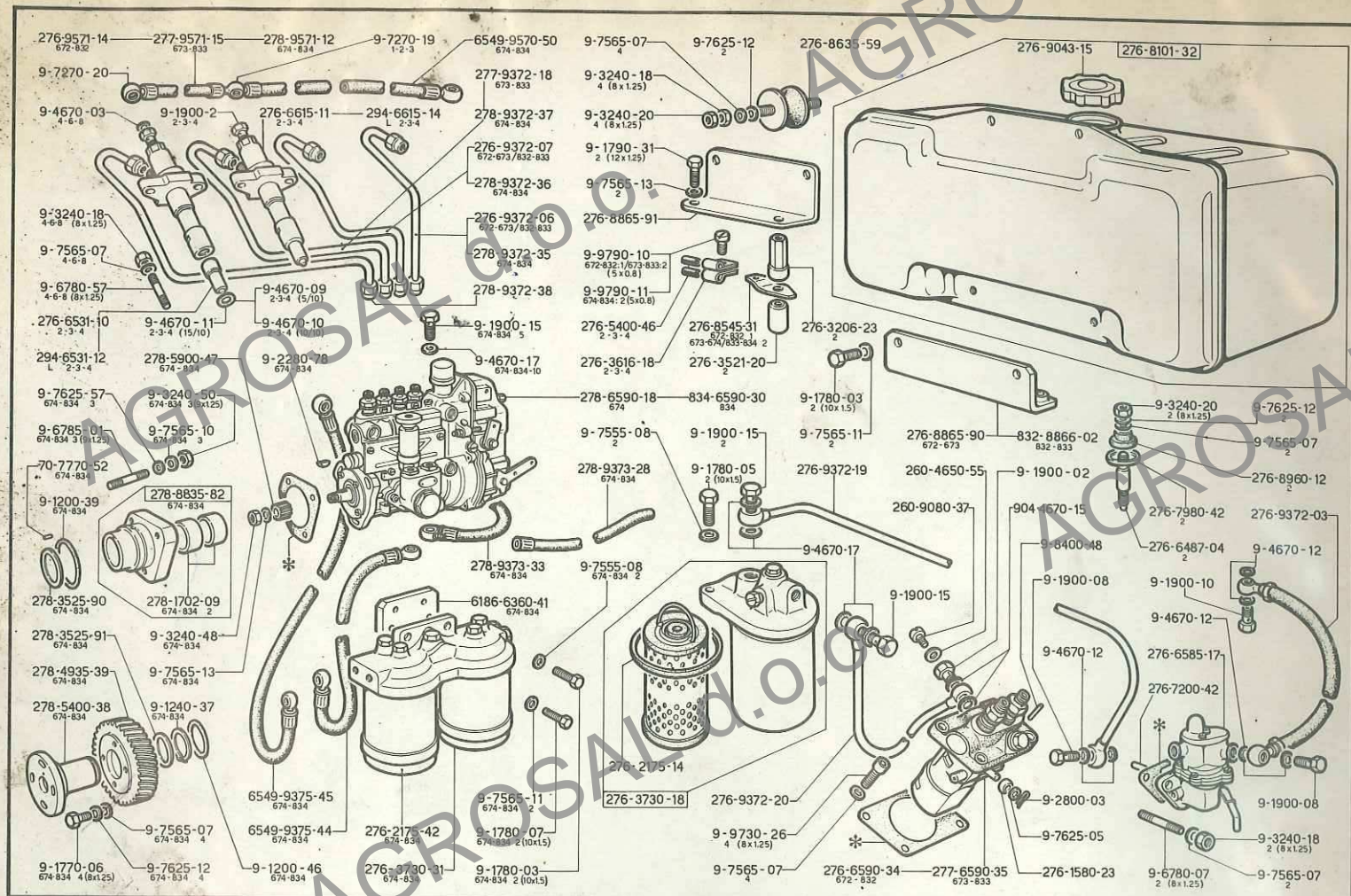
Sin incluir batería.  
Fijar el regulador en la pared vertical, evitando las vibraciones y alejándolo del calor. Si el motor va montado sobre soportes de goma efectuar una buena conexión a masa.

PARA NO DESCARGAR LA BATERIA O DETERIORAR LA INSTALACION:  
EN MARCHA, llave de contacto en posición de MARCHA (no desconectar el cable de la batería).  
MOTOR PARADO, llave en posición de REPOSO.



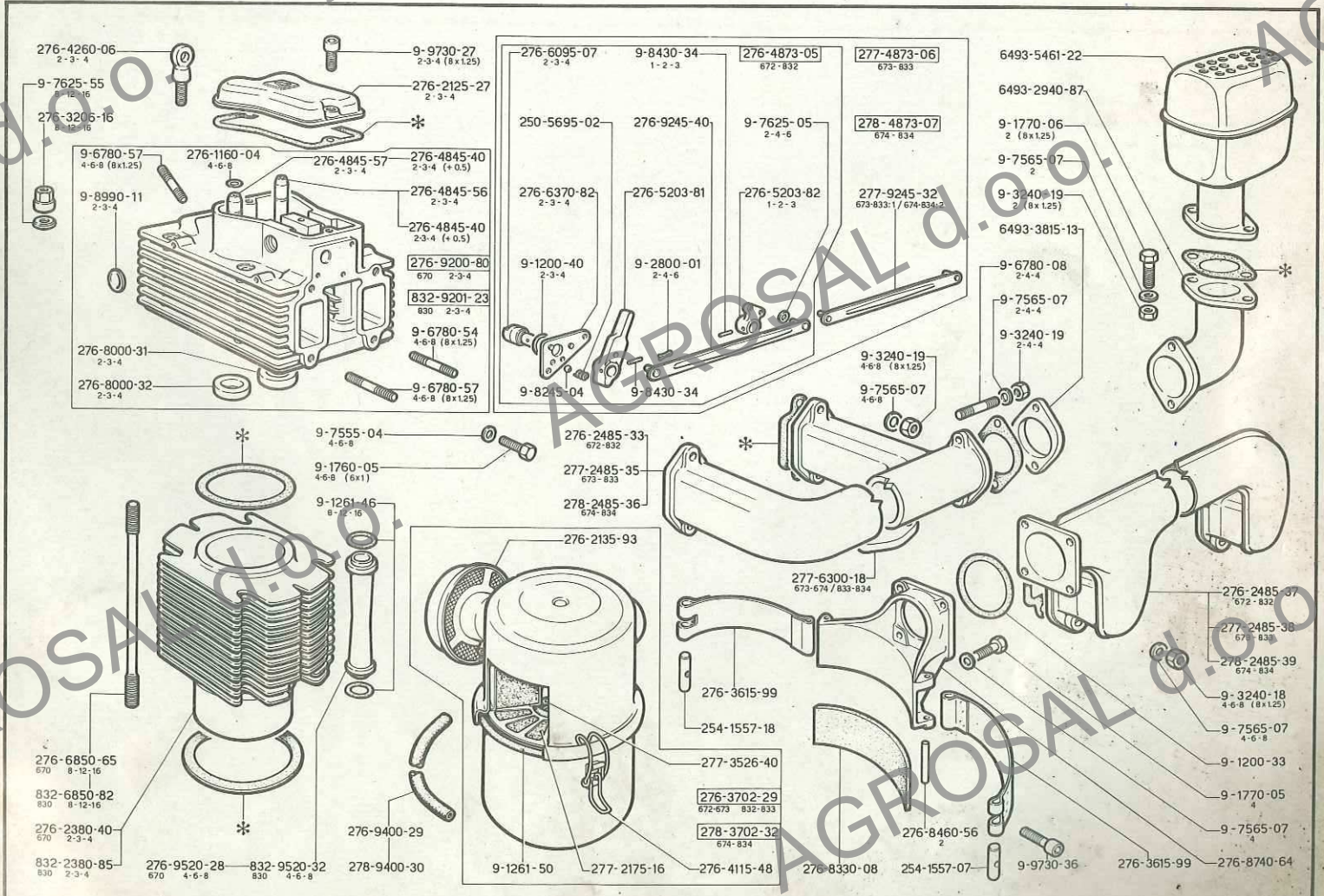
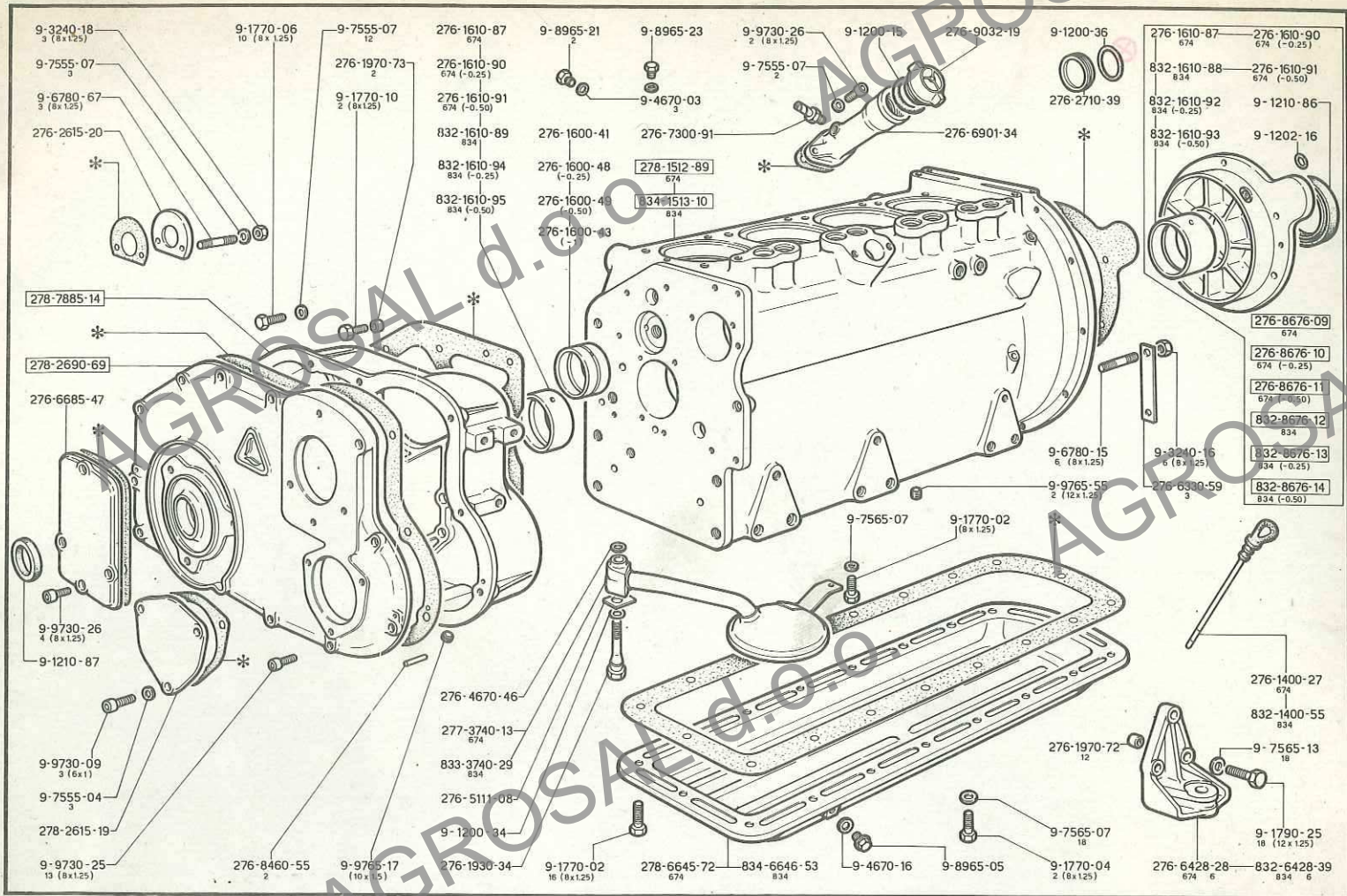






F. P. ... 9175 211

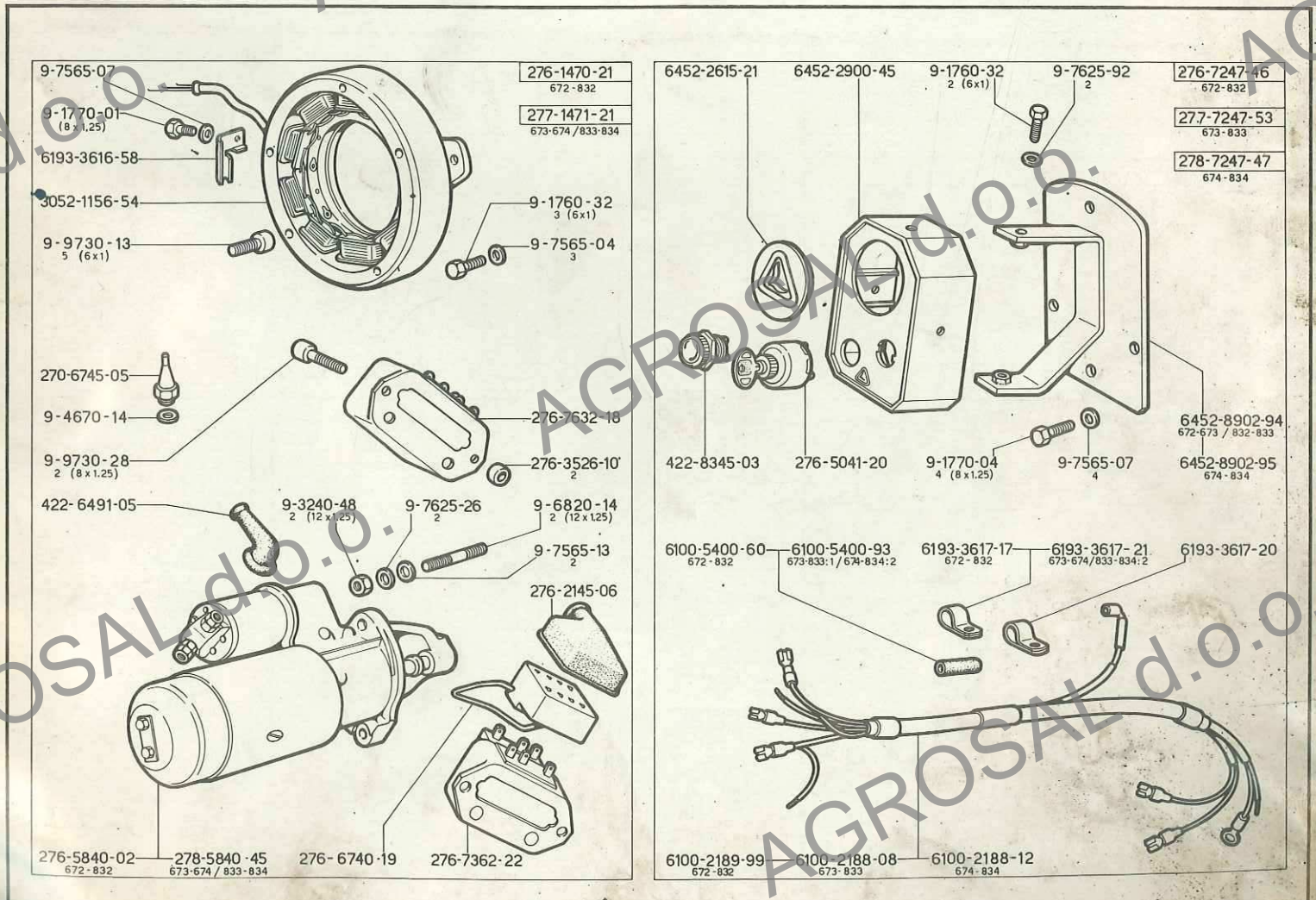
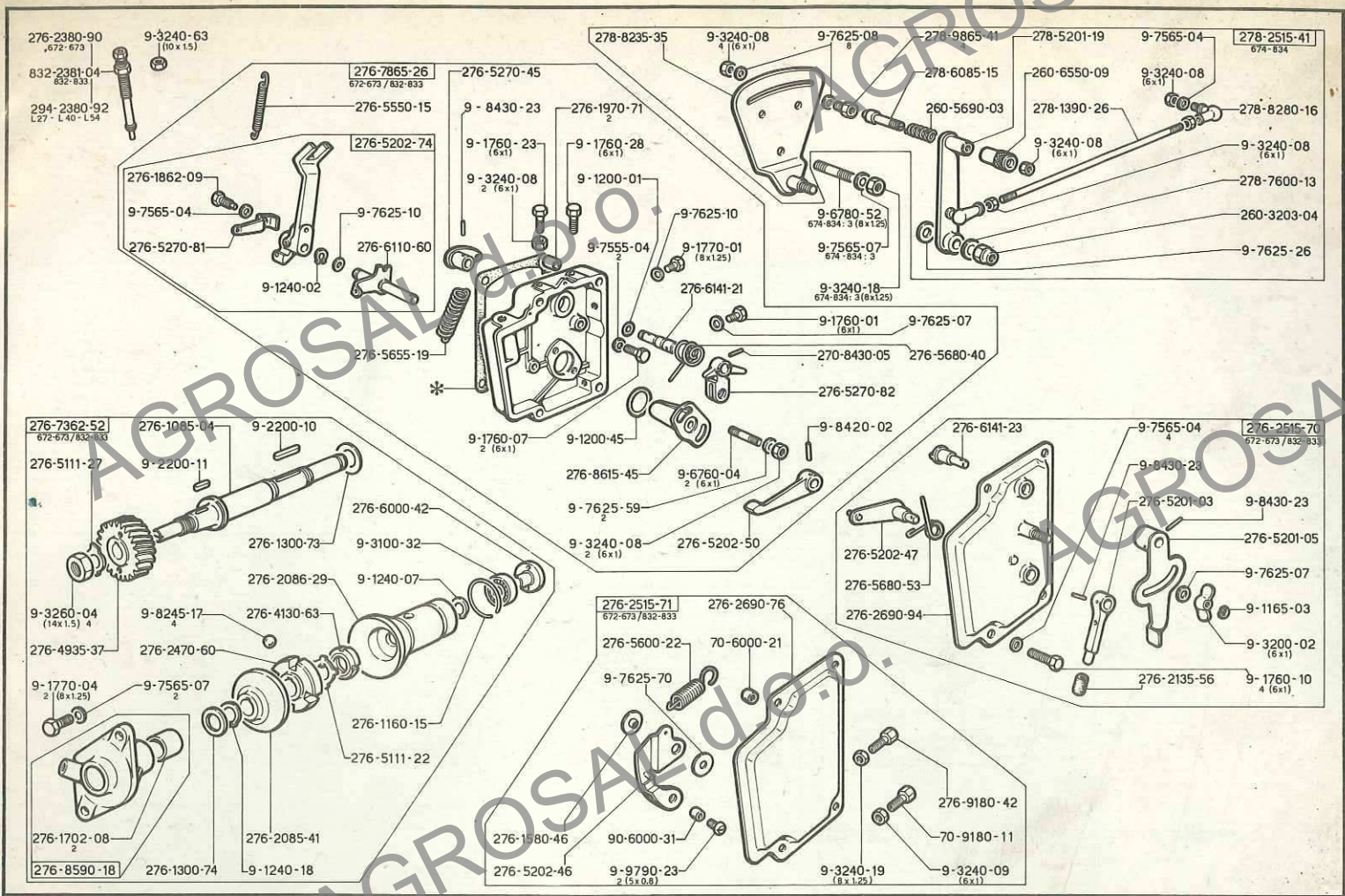






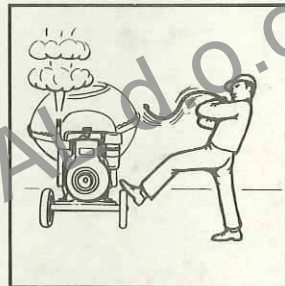
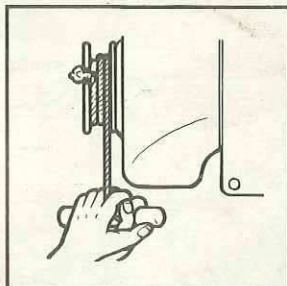
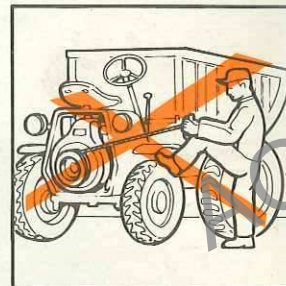
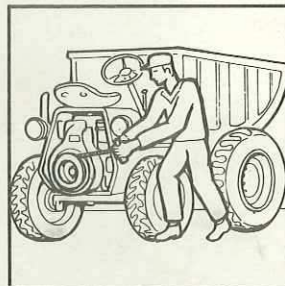
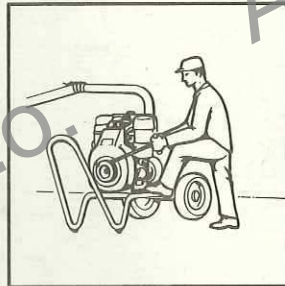
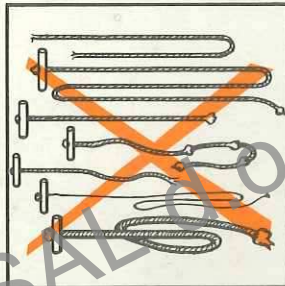
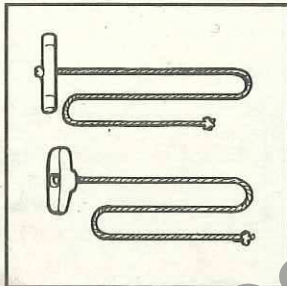
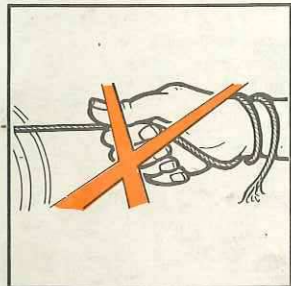
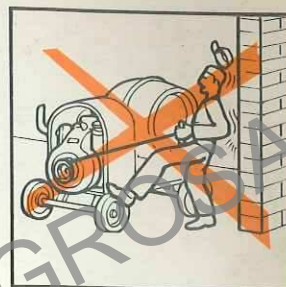








**NORME DI SICUREZZA**  
**NORMES DE SECURITE**  
**SAFETY RULES**  
**SICHERHEITSMASSNAHMEN**  
**NORMAS DE SEGURIDAD**



Per assistenza, riparazioni e ricambi, rivolgersi alle Stazioni di Servizio con la targa SERVICE come da elenco della busta accessori, o delle PAGINE GIALLE dell'Elenco Telefonico alla voce « MOTORI ». Esse sono autorizzate ad intervenire, in garanzia e fuori, su tutti i motori LOMBARDINI, con personale addestrato, attrezzature speciali e ricambi originali.

Pour le service après vente, la réparation ou les pièces détachées, adressez-vous aux Agents avec l'enseigne SERVICE indiquée dans la liste de la pochette accessoires, et qui sont autorisés à intervenir sur tout moteur LOMBARDINI, en garantie et hors garantie, avec du personnel entraîné, des équipements spéciaux et des pièces détachées originales.

For service, repairs and spare parts contact Service Centers displaying the SERVICE sign. (See list inside your accessories envelope). They are authorized to repair all LOMBARDINI engines within and beyond the Warranty period, with trained mechanics, genuine parts and special tools.

Für Service, Reparaturen oder Ersatzteile wenden Sie sich an die Vertragswerkstätten mit dem Schild SERVICE (Siehe Verzeichnis der Zubehörtasche). Sie arbeiten mit Personal, das im Werk ausgebildet wurde, mit Spezialwerkzeug und Original-Ersatzteilen.

Para asistencia técnica, reparaciones y recambios dirigirse a las estaciones de servicio oficial con el distintivo « SERVICE » que se citan en la relación de la bolsa de accesorios. Ellas están autorizadas para actuar en garantía y incluso cuando esta ha caducado, en todos los motores LOMBARDINI, con personal especializado, herramientas especiales y recambios originales.

ORDINI RICAMBI indicare: Tipo del Motore (targhetta), Matricola (targhetta o basam.), Tipo e marca della macchina, Matricola del ricambio.

COMMANDES PIECES indiquer: Type du moteur (plaquette), Matricule (plaquette ou carter), Type et marque de la machine, Référence de la pièce.

PART ORDERS, specify: Engine type (on plate) Serial No. (plate or crankcase), Equipment type and Make Spare Part No.

E-TEIL BESTELLUNGEN, Folgendes angeben: Motortyp (auf dem Schild) Nummer (auf Schild oder Kurbelgehäuse) Maschinentyp und -marke Bestellnummer des Teiles.

PARA SOLICITAR RECAMBIOS indicar: Tipo del motor (en la placa), Numero del motor (en la placa y en la bancada), Modelo y marca de la máquina, Referencia del recambio.

Descrizioni e illustrazioni non impegnative.

Descriptions et illustrations peuvent être modifiées.

Descriptions and characteristics subject to modifications.

Änderungen vorbehalten.

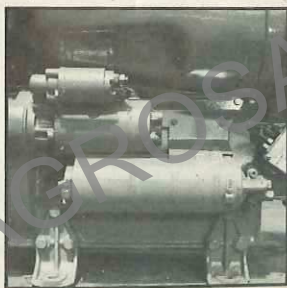
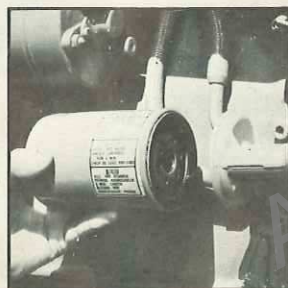
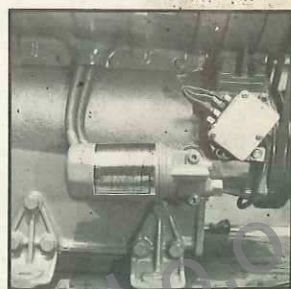
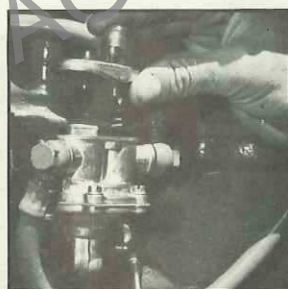
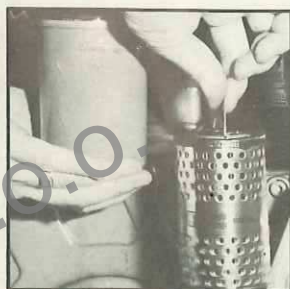
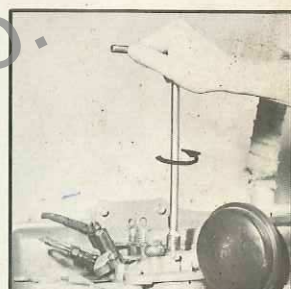
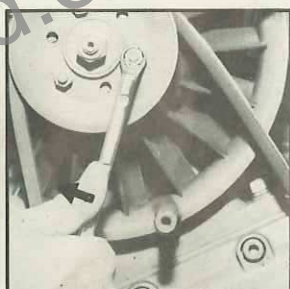
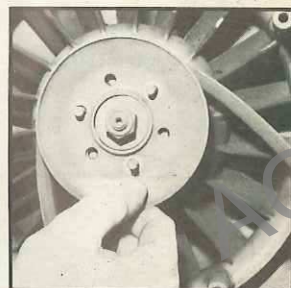
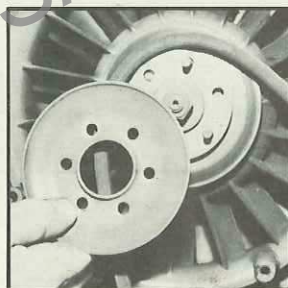
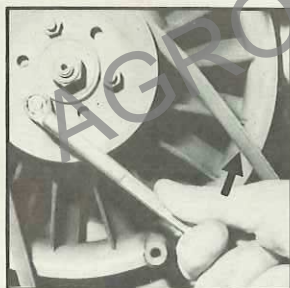
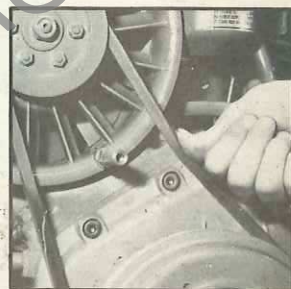
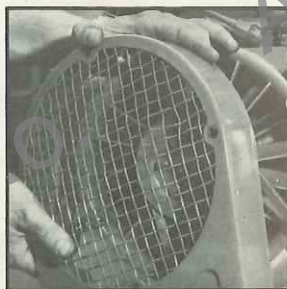
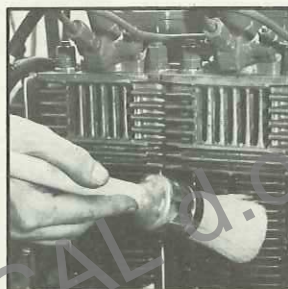
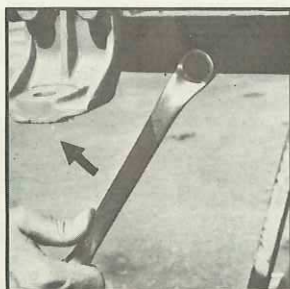
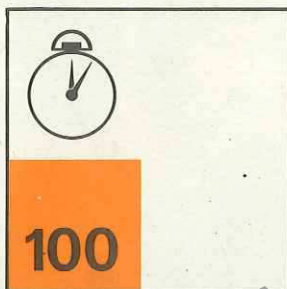
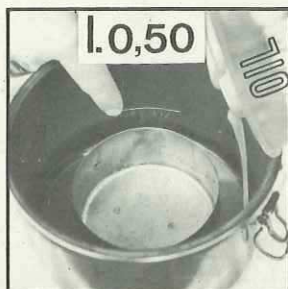
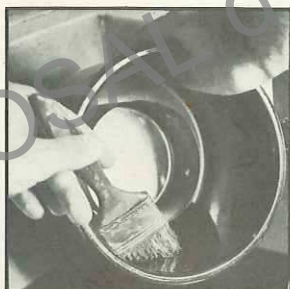
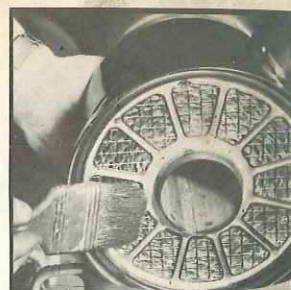
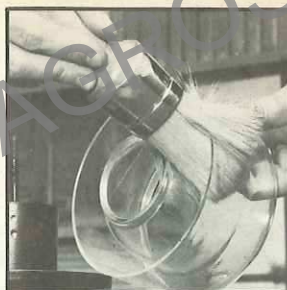
Instrucciones e ilustraciones pueden ser modificadas.



MANUTENZIONE  
ENTRETIEN  
MAINTENANCE  
WARTUNG  
MANTENIMIENTO



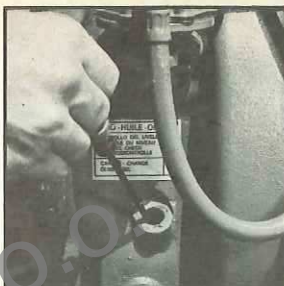
8





USO  
EMPLOI  
USE  
BEDIENUNG  
UTILIZACION

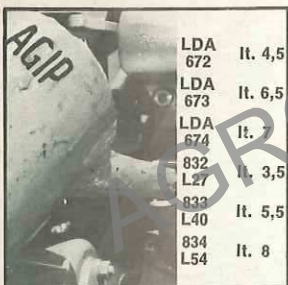
PRIMA DELL'AVVIAMENTO  
AVANT LE DEMARRAGE  
BEFORE STARTING  
VOR DEM ANLASSEN  
ANTES DEL ARRANQUE



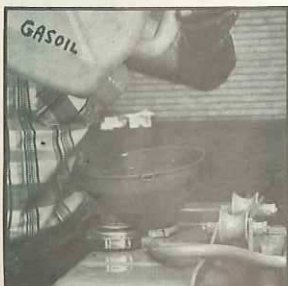
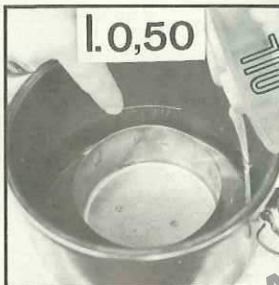
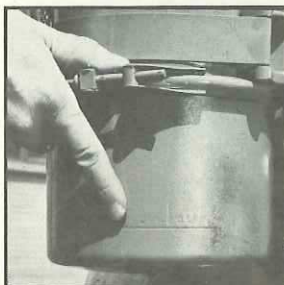
SAE 40  
SAE 20W  
SAE 10W

(HD SERIES 3  
MIL - L - 2104 C)

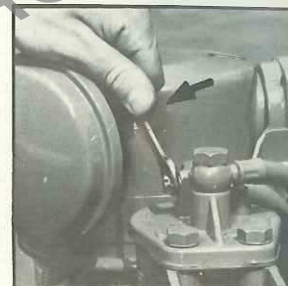
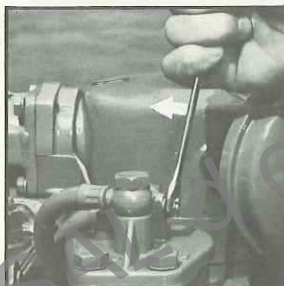
°C F  
20 68  
0 32



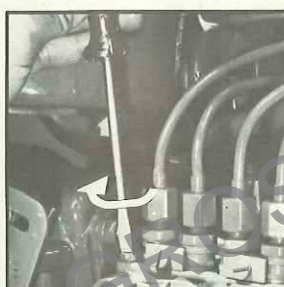
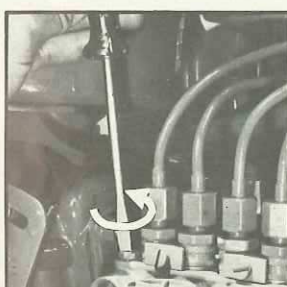
LDA 672 lt. 4,5  
LDA 673 lt. 6,5  
LDA 674 lt. 7  
832 lt. 3,5  
L27  
L40 lt. 5,5  
834  
L54 lt. 8



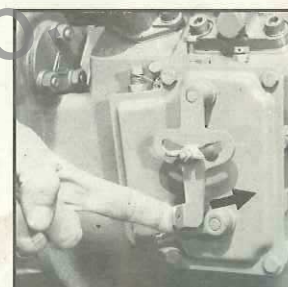
LDA 672  
LDA 673  
832  
833  
L27  
L40



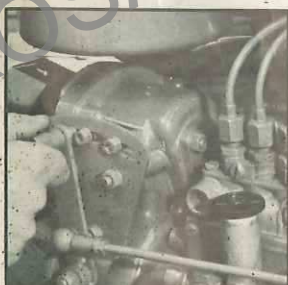
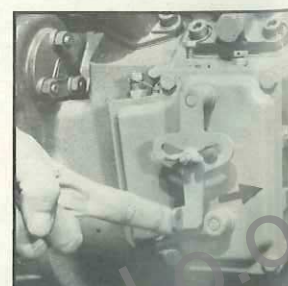
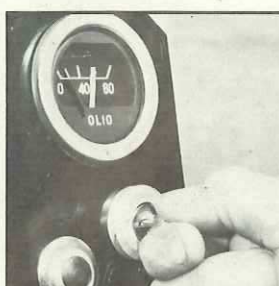
LDA 674  
834  
L54



AVVIAMENTO  
DEMARRAGE  
STARTING  
ANLASSEN  
ARRANQUE



MARCIA  
MARCHÉ  
RUNNING  
LAUFEN  
MARCHA



ARRESTO  
ARRET  
STOPPING  
ABSTELLEN  
PARO

