



**SPARE PARTS CATALOGUE**

**REGAL**

**PASSENGER CHASSIS**

**A.E.C. LIMITED SOUTHALL MIDDLESEX ENGLAND**





**SPARE PARTS  
CATALOGUE**

**FOR**

**REGAL VI  
FOUR WHEELED  
S.D. BUS OR COACH CHASSIS**

**CHASSIS Nos.....3022A.126. to 227.....**

(This catalogue must be used in conjunction with the  
Special Fittings list at the back of this publication)

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**A.E.C. LIMITED**

AN A.C.V. COMPANY

**SOUTHALL · MIDDLESEX · ENGLAND**

Telephones:

**SPARES : SOUTHALL 2 3 0 0**  
**SERVICE : SOUTHALL 2 3 0 0**

Telegrams and Cables:

**“ Vangastow, Telex, Southall ”**  
**“ Repairaec, Phone, Southall ”**

# HOW TO READ THIS SPARE PARTS CATALOGUE

This catalogue is divided into a number of sections, each section being peculiar to a particular unit—i.e., ENGINE, GEAR BOX, FRONT AXLE, etc. Each section consists of

- TITLE PAGE —explaining type of units, unit part numbers and models.
- ALPHABETICAL INDEX—indicating page numbers of components or important parts.
- NUMERICAL INDEX —all parts listed in the section with appropriate page numbers.
- CATALOGUE SECTION —consisting of tabulated sheets showing SPARE PART NO., PLATE REF., DESIGNATION, NO. OFF, and REMARKS columns.
- ILLUSTRATIONS —of the exploded type where possible.

**CATALOGUE SECTION.**—Part Numbers in every instance are A.E.C. part numbers. We do not list other manufacturers' or proprietary part numbers in this column. (Refer "A" opposite page.)

Plate Ref. refers to the number shown on the illustration and cross-referenced in this column. (Refer "B" opposite page.)

"Used On" indicates to which component the part is fitted when there are more components than one. (Refer "D" opposite page.)

"No. off" explains the number of parts required for the unit. (Refer "E" opposite page.)

Remarks—further explanatory information where necessary. (Refer "F" opposite page.)

## TO IDENTIFY PARTS

1. To find the part number and description of the part required, first find the unit in which the part will be listed.
2. If the description and/or the part number of the part is known, refer to the alphabetical and/or numerical index, and trace the item and the page number. Then check with the illustration that this is the required part.

For general guidance, all parts have their part numbers cast, stamped, or etched on them. This does not apply to general stock items such as standard bolts, nuts, washers, split pins, etc., nor to such parts as are too small to bear their number.

In the case of cast numbers, however, care should be used, since any stamped number on the same part should be quoted in preference to the cast number.

3. If the location is known and it is desired to obtain the part number and correct description, turn to the appropriate unit section and illustration concerned, read off the plate number from the illustration, and the appropriate part number and description will be shown alongside the Plate Ref. number on the catalogue script.
4. If the part it is desired to order cannot be traced, please give a full description of the part and its location.

A sketch of the part with its dimensions added or even a pattern would be helpful.

**CHASSIS NUMBERS MUST BE QUOTED WHEN ORDERING SPARES**

## INSTRUCTIONS WHEN ORDERING SPARE PARTS.

In order to assist in the correct and prompt execution of Customers' orders a few suggestions are given below which have been shown, by experience, to be helpful :

### BY POST.

QUOTE " CHASSIS NO., ENGINE NO., PART NO., DESCRIPTION, NO. OFF."

### EXAMPLE

CHASSIS NO. **MU3RV001**, ENGINE NO. **AH470EA, A14952**, CRANKSHAFT, ONE OFF."

### BY CABLE OR TELEGRAM.

" CHASSIS NO., ENGINE NO., PART NO., NO. OFF."

### EXAMPLE.

" CHASSIS NO. **MU3RV001**, ENGINE NO. **AH470EA, A14952**, ONE OFF."

When ordering Gear Boxes please quote Rear Axle ratio and Tyre sizes in order that the correct Speedo gear may be fitted.

It is important that all orders given by Cable, Telegram or Telephone, should be immediately confirmed by post and a full description should be given of the parts ordered. Written communications should be addressed to :—

A.E.C. LIMITED,  
SPARE PARTS DEPT.,  
WINDMILL LANE,  
SOUTHALL, MIDDLESEX.

Cables : " VANGASTOW, SOUTHALL, ENGLAND."

Telegrams: " VANGASTOW, SOUTHALL."

Telephone: SOUTHALL 2300.

**NOTE.**—When telephoning, please ask the Operator for the Spare Parts Dept. (EXTENSION 104, 105 or 109).

Spare Parts are supplied in accordance with the Company's published Conditions of Business and Guarantee, copies of which are obtainable upon application.

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# SERVICE FACILITIES

## Exchange Units.

We commend to customers our **Unit Exchange Scheme** which covers the following units :—

**Engines.**

**Gearboxes.**

**Auxiliary Gearboxes.**

**Rear Axles.**

**Compressors.**

**Exhausters.**

**Radiators.**

**Steering Units.**

**Differential Units.**

**Fuel-injection Pumps.**

**Sub-units, etc.**

Fully reconditioned units are available at most Depots of A.E.C. Ltd. and can be supplied in exchange for existing units, which are then overhauled for stock.

This service is of obvious benefit in allowing vehicles and equipment to be placed back into commission in a minimum space of time.

Reconditioned units for exchange are despatched less certain items; operators are therefore advised to contact any Depot of A.E.C. Ltd. for information concerning the items which should be removed from their own units before the exchange is effected.

Enquiries in respect of this scheme should be made direct to the Service Department, Southall, or to any Depot or Agent of A.E.C. Ltd.

## Outside Service Staff.

The members of this branch of the Service Organisation are Service Engineers, whose duties are to contact operators on request with the object of assisting them to obtain the highest efficiency from our products. They are fully qualified and are ready to assist in diagnosing trouble, making adjustments and giving advice. Owing to the large number of operators using our products, we cannot guarantee that a Service Engineer will be available immediately upon receipt of a request for a visit, but we will do our utmost to attend promptly to the requirements of any customer who is in need of assistance.

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CUSTOMERS' VEHICLES ARE BROUGHT ON TO OUR PREMISES,  
DRIVEN BY OUR STAFF AND STORED FOR REPAIRS AT  
CUSTOMERS' OWN RISK AGAINST DAMAGE HOWSOEVER CAUSED.

# HORIZONTAL DIESEL ENGINE

(WITH THIN SHELL BEARINGS, DISTRIBUTOR TYPE FUEL PUMP, COUNTER BALANCE WEIGHTS FITTED TO CRANKSHAFT, AND POWER ASSISTED STEERING PUMP)

## AH690/6BBX

Comprising	List No.	Illustration No.
CYLINDER HEAD AND VALVE GEAR ... ..	AL/51	AL/1
CYLINDER HEAD COVERS, AIR INTAKE PIPE AND EXHAUST MANIFOLDS ... ..	AL/40	AL/40
CRANKCASE AND CYLINDER BLOCK ... ..	AL/49	AL/41
POWER ASSISTED STEERING PUMP AND DRIVE HOUSING ... ..	AL/50	AL/50
BELL HOUSING ... ..	AL/42	AL/42
CRANKSHAFT, CONNECTING RODS AND PISTONS	AL/52	AL/6
CRANKCASE BOTTOM HALF, OIL SUMP, DIPSTICK AND STARTER MOTOR ... ..	AL/44	AL/44
LUBRICATION SYSTEM... ..	AL/45	AL/45
COMPRESSOR, DRIVE HOUSING AND FUEL PUMP ADAPTOR ... ..	AL/46	AL/10
FUEL PUMP, INJECTORS AND FUEL PIPES ...	AL/47	AL/47
UNDERSIZE AND OVERSIZE PARTS ... ..	AL/48	—

CYLINDER HEAD AND VALVE GEAR

AL/51

Spare Part No.	Plate Ref.	Designation	No. Off	Remarks
A2/9271	AL/1	<b>ENGINE COMPLETE</b>		
		<b>CYLINDER HEAD COMPLETE WITH VALVES, GUIDES AND STUDS</b>		
AA2283		Cylinder Head, Bare	2	Not supplied as Spares
AA2272		Sheath, Injector	2	
A1/70446	1	Insert, Inlet Valve	6	
Z8/44877	2	Insert, Exhaust Valve	6	
A1/85021	3	Plug, Cup	12	
A1/85011	4	Guide, Inlet Valve	6	
Z1/44576	5	Guide, Exhaust Valve...	6	
A26544	6	Dowel, Valve	6	
A26546	7	Stud, Special	12	
Z44028	8	Stud, $\frac{3}{8}$ " U.N.F. x $1\frac{1}{2}$ "	8	
Z9/30507	9	Stud, $\frac{7}{16}$ " U.N.F. x $3\frac{1}{2}$ "	6	
I24-464	10	Valve, Inlet	6	
I24-506	11	Valve, Exhaust	6	
A10479	12	Cotter, Split, Valve	6	
A10474	13	Spring, Valve, Outer	12 prs.	
A75206	14	Spring, Valve, Inner	12	
A10539	15	Cup, Valve Spring, Top	12	
A10540	16	Cup, Valve Spring, Bottom	12	
A75314	17	Restrainer, Valve Guide	12	
A75311	18	"O" Ring, $\frac{7}{16}$ " I/Dia.	6	
A26545	19		6	
5092-32	20		6	
5049-30		<b>TRANSMITTER COMPLETE</b>		
A3/75183	21	Cover, Water Jacket	1	Inlet Valve
A6/19424	22	Joint, Cover	1	Water Temperature
I21-322	23	Setscrew, $\frac{5}{16}$ " U.N.F. x $\frac{5}{8}$ "	1	Rear Cylinder Head
I38-151	24	Washer, Copper, $\frac{3}{4}$ " x 15 m/m. x 1 m/m.	3	Rear Water Jacket Cover
A3/25764	25	Pipe, Water Connection...	3	
A6/19424	28	Joint, Cover	1	
40-246	29	Bolt, $\frac{5}{16}$ " U.N.F. x $1\frac{5}{8}$ "	1	Front to Rear Cylinder Head
40-249	30	Bolt, $\frac{5}{16}$ " U.N.F. x 2"	2	
40-252	31	Bolt, $\frac{5}{16}$ " U.N.F. x $2\frac{3}{8}$ "	2	
I38-151	33	Washer, Copper, $\frac{3}{4}$ " x 15 m/m. x 1 m/m.	2	
A70784	35	Gasket, 1st Standard	6	Cylinder Head
A70785		Gasket, 2nd Standard	2	
A70786		Gasket, 3rd Standard	2	
A70787		Gasket, 4th Standard	2	
85-216	37	Nut, Plain, $\frac{1}{2}$ " U.N.F.	2	Cylinder Head to Cylinder Block
I34-6		Washer, Plain, $\frac{1}{2}$ "	40	
A1/56411		Elbow, Water Outlet	40	Use when 5046-3 is not fitted
A1/56414		Elbow, Water Outlet	1	
5046-3		<b>ALARM SWITCH COMPLETE</b>	1	Use when 5046-3 is fitted
I38-158		Washer, Copper, 21 m/m. x 29 m/m. x $\frac{3}{32}$ "	1	
A6/19424		Joint	1	Use when A1/56414 is fitted
40-256		Bolt, $\frac{5}{16}$ " U.N.F. x $2\frac{1}{8}$ "	1	
I38-151		Washer, Copper, $\frac{3}{4}$ " x 15 m/m. x 1 m/m.	3	
			3	Water Outlet Elbow

CHASSIS NUMBERS MUST BE QUOTED WHEN ORDERING SPARES