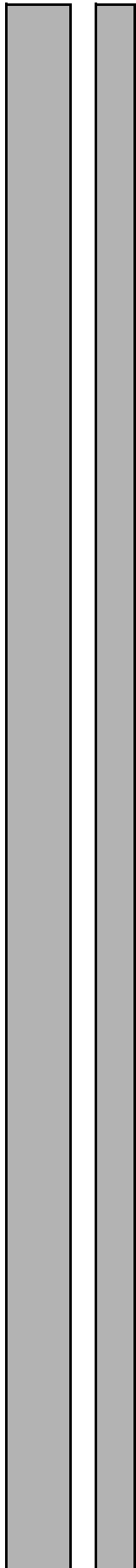


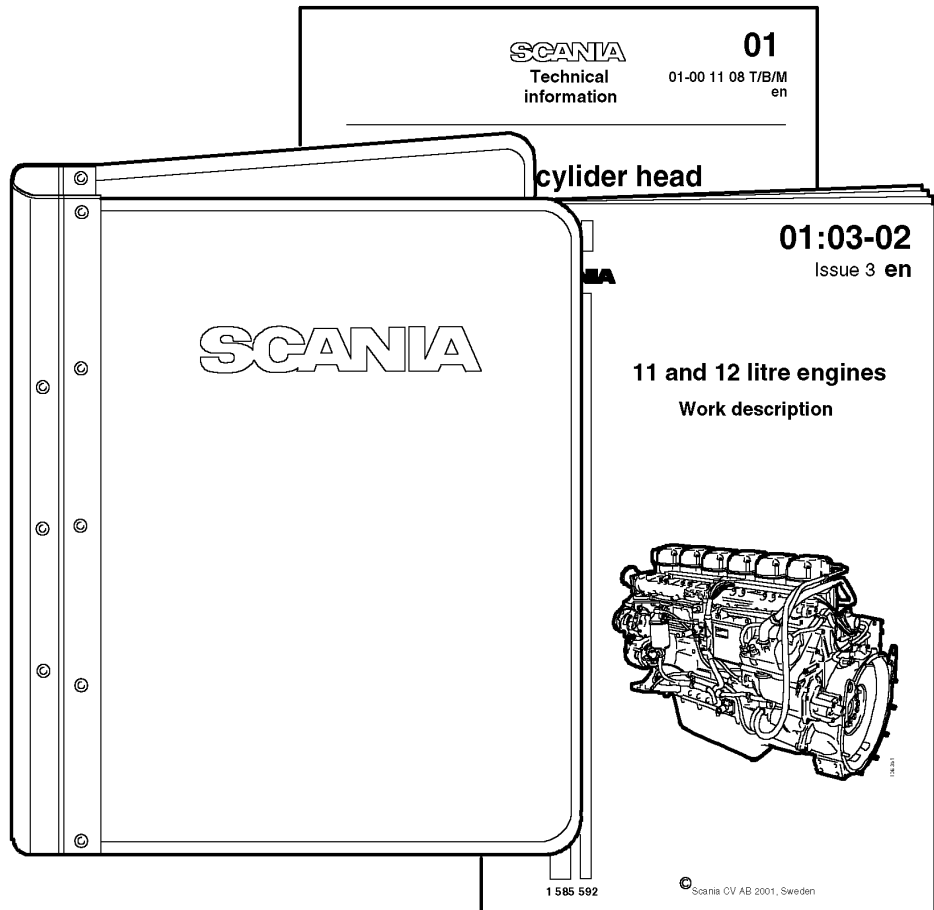
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Issue 3 **en**



Finding your way around the service literature



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General

The service literature is one of the aids available when the mechanic carries out work on Scania vehicles and industrial and marine engines. In order to achieve a high quality repair, the working methods given in the workshop manual must be followed.

The information is applicable at the time of issue of each publication. Changes in production are made continuously, which means that there may be certain deviations in the literature. The working method is often based on components at the prototype stage.

We are grateful for proposals for improvements to our service literature. Please use the enclosed feedback forms or the mailbox address: workshop.information@scania.com.

All service literature and workshop equipment is ordered using the same procedure as for spare parts.

Recommendations and legal requirements

Service instructions are often subject to recommendations and legal requirements, the form of which differs in many cases between different markets. If an instruction is affected, this is noted in the literature. In such cases, the distributor can assist with further information.

Service literature

- The workshop manual contains work descriptions and function descriptions for repairs and maintenance.
- TI (Technical Information) is supplementary information about product amendments.
- The standard times manual provides the time for the procedures required when a job is carried out.
- The special tools manual is a list of all Scania special tools. The special tools are specifically designed to fit our products. They are produced to simplify the work and to improve safety for the mechanic.
- Video film is used to present important information, particularly from the TIs.
- General workshop equipment is a binder which describes equipment which is not specially manufactured by Scania. The equipment can be purchased on the open market and can also be obtained from Scania. The binder, which is available in English and Swedish, can be ordered with or without a subscription.
- Diagram Manual is a binder compilation with wiring and pneumatic diagrams.
- You can obtain the latest information about the service literature at <http://prodsupport.scania.com>. Certain additional information is available here which is only published as Web material. Under prod-support you will find a lot of information in PDF format including Workshop Manuals, TIs and special tools. In order to read the information on the Internet, you need access to a user name and password. This information is published as a TI or contact your distributor.
- The workshop manual for injection systems is common to trucks and to industrial and marine engines. All information affecting industrial and marine engines is printed on blue paper. This manual has its own subscription.
- Scania Multi is a display tool which contains the Workshop Manual, TI, chassis data, standard times, parts catalogue and Menu Pricing. Scania Multi is published as a CD-ROM disk every quarter. You can subscribe to Scania Multi, which covers both trucks and buses.
- Chassis and engine service data is a pocket-sized booklet which contains specifications.
- Scania Diagnos and Scania Programmer (SD/SP) are PC programs for troubleshooting and programming vehicles and industrial and marine engines.

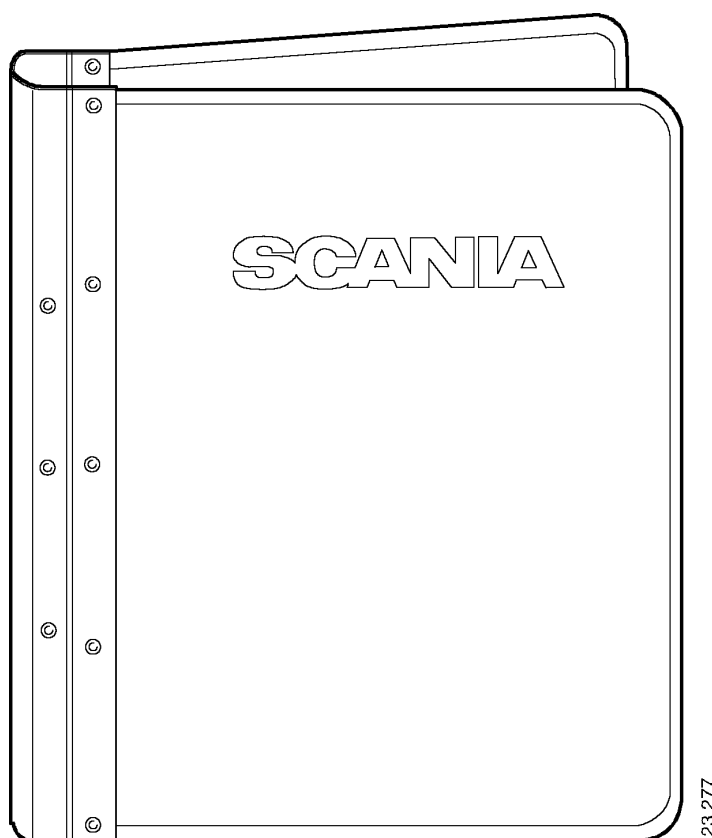
Workshop manual

The workshop manual consists of a number of binders. These contain booklets with function and work descriptions for repairs and maintenance work on Scania vehicles and industrial and marine engines as well as specifications and troubleshooting. For example for performance checks, inspections and brake tests, there are forms which can be photocopied.

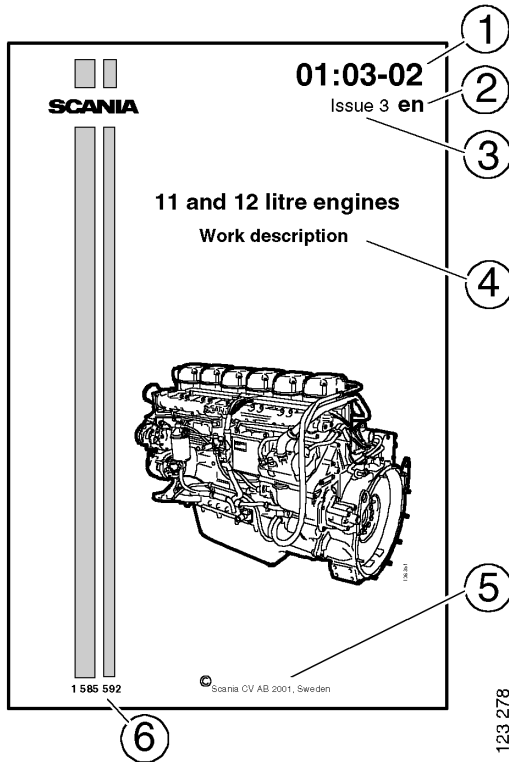
The workshop manual should be easily accessible to workshop staff. The booklets, which are used frequently or which are needed for a certain job, can be placed in a compartment at the side of the tool trolleys.

Feedback from the workshops is important to keep the literature up to date. There is a form for this at the very back of some publications and also as a loose sheet under group 0. Use this form if there is something to comment on in the literature.

The complete workshop manual is ordered on a subscription available for trucks or buses. The complete workshop manual can be ordered for industrial and marine engines with or without a subscription. Distribution takes place continuously.



Identification of the booklet



1 Publication number

01 = main group (main section)

03 = subgroup (subsection)

02 = serial number

shows where the booklet should be filed in the binder.

2 Language versions

sv = Swedish

en = English

de = German

es = Spanish

nl = Dutch

fr = French

it = Italian

fi = Finnish

pl = Polish

br = Portuguese Brazilian

ru = Russian

3 Current version

A new description with a new publication number is published as issue 1.

A new version becomes issue 2, 3, 4, etc.

Web issues are 1.1, 1.2, 1.3, etc.

4 Title of the booklet

5 Year of publication

6 Each publication has its own part number. Use the part number when ordering a booklet.

Division of groups

The workshop manual is divided into main groups 0-19, in the same way as in the parts catalogues.

Each main group is in turn divided into subgroups.

Each of the booklets is arranged under the appropriate main group and subgroup according to the booklet publication number.


 <p>SCANIA</p> <p>Workshop Manual</p> <p>SCANIA After Sales Services S-15187 SÖDERTÄLJE Sweden</p> <p>1 558 793 (Complete Workshop Manual 1 558 801/1 558 104) en</p>	0	General
	1	Engine
	2	Cooling system
	3	Fuel and exhaust system
	4	Clutch
	5	Gearbox
	6	Propeller shaft
	7	Front axle
	8	Rear axle
	9	Hubs and wheels
	10	Brakes
	11	Frame
	12	Suspension
	13	Steering
	14	Engine control
	15	
	16	Electrics
	17	Instruments
	18	Cab
19	Accessoires	

Table of contents

Before each main group there is a list of contents covering the booklets found in the group. When a new booklet is distributed, a new table of contents is also added.

The titles, part numbers and publication numbers of the current booklets are included in the table of contents.

Superseded booklets should be thrown away or archived in another binder.

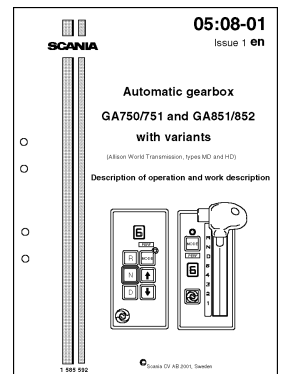
Part No.	No.	Issue	Title
1 585 731	00:01- 01	1	How to use the service literature
1 585 267	00:01- 02	2	Safety in service workshops
1 585 646	00:01- 03	1	SI units, bolted joints and tightening torques
1 586 412	00:01- 04	2	Workshop information, Feedback (For copying)
1 712 686	00:01- 05	1	Abbreviations in the Service Literatur
1 585 421	00:02- 01	3	Type designations
1 585 249	00:03- 01	7	Maintenance programme, Preface
1 585 252	00:03- 02	6	D-inspection (Pre-delivery inspection)
1 585 255	00:03- 03	9	R-inspection (Running-in inspection)
1 585 258	00:03- 04	8	S inspection
1 585 261	00:03- 05	8	M inspection
1 585 264	00:03- 06	8	L inspection
1 585 442	00:03- 07/1	7	Maintenance instruction part 1, Groups 0-9
1 585 442	00:03- 07/2	7	Maintenance instruction part 2, Groups 10-19
1 712 393	00:03- 08	2	Performance testing, Work description and fault diagnosis
1 585 752	00:03- 09	4	Fuel, lubricants and fluids
1 586 285	00:03-11	5	X inspection
1 587 086	00:03- 12	4	U-inspection, Delivery inspection for used vehicles
1 712 056	00:03-14	6	Scania LDF oil
1 586 517	00:04-01	2	Painting and decoration decals

123 280

Contents of workshop manual

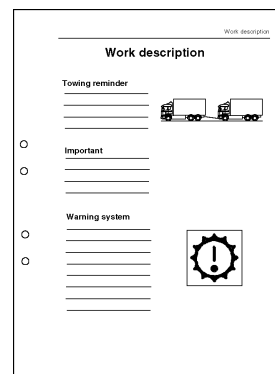
The workshop manual comprises several separate booklets which describe a component or a system.

A complete component description consists of a work description with specifications and troubleshooting as well as a function description. Wiring and pneumatic diagrams are also included in the workshop manual.



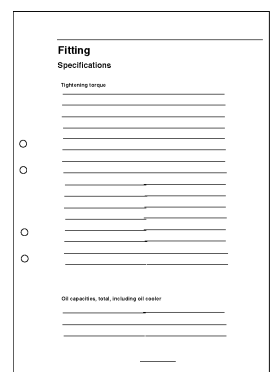
Work description

The work description contains procedures for dismantling components and units. In addition, there are instructions for checks and settings.



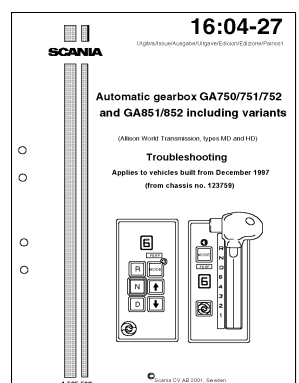
Specification

In the specification there are setting and tightening torque values and there is information about special tools.



Troubleshooting

Troubleshooting describes the procedure to be adopted when troubleshooting components and units. Troubleshooting electronic systems describes how to read and interpret fault codes.

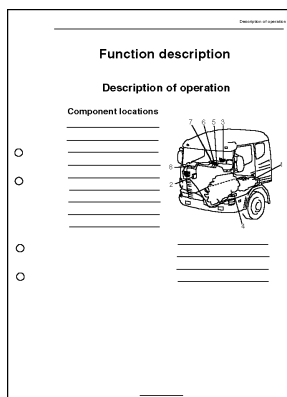


Function description

There is a function description for components or systems which are more complicated.

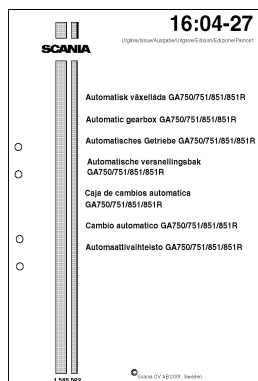
A function description is used in the first place for training.

Certain components are only described in a specification sheet with an exploded view drawing of the component and brief instructions.



Diagram

- Wiring diagrams
- Pneumatic diagrams

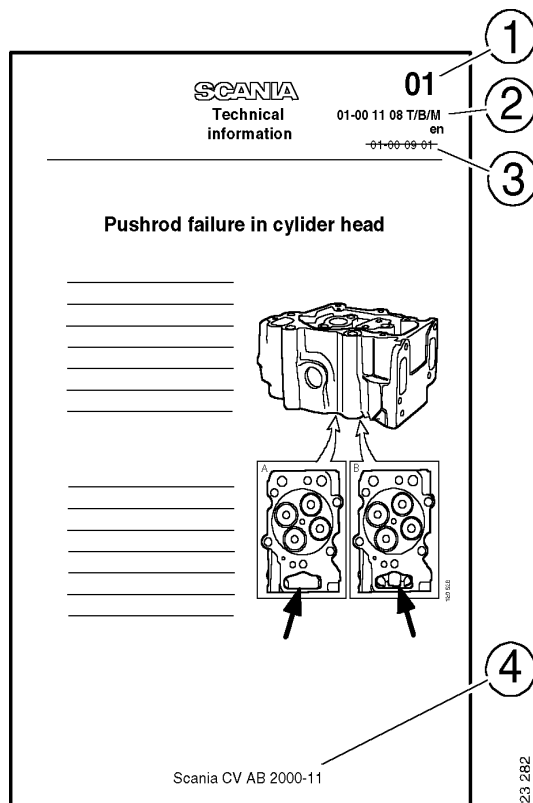


Other service literature

TI (Technical Information)

TI (Technical Information) is the notification to the service workshops about product changes which affect work descriptions, components and spare parts. These notifications should be used together with the instructions in the workshop manual. The TIs are divided into the same main groups as the workshop manual. Check whether there is a TI covering the work before each job. A TI is issued when the contents have been included in the workshop manual.

The TI is ordered by subscription. It is not possible to order individual TIs.



- 1 Main group.
- 2 Publication number, relevant chassis and language version.
- 3 If the TI supersedes an earlier TI or if the TI is a new issue, this will be noted here.
- 4 Year and month of publication.

Special tools manual

There is a list of Scania special tools for all vehicles and industrial and marine engines in the special tools manual. Each tool is depicted together with the tool number and a brief description of the working area. In addition it indicates where the tool should be placed on the appropriate tool board.

The special tools manual is ordered by subscription and is continuously updated. The subscription covers both trucks and buses.

Operator's manual

An operator's manual, which is specially adapted to the vehicle chassis, is placed in each vehicle. The operator's manual is subdivided into several smaller booklets, a booklet with driver's instructions, a booklet about maintenance and the booklet which provides the driver with information about the different vehicle components and systems. It also contains a list of Scania service workshops (Scania International Service) with their support services and a simple description of the route to the workshop.

The Diagram Manual

The Diagram Manual is a binder compilation with wiring and pneumatic diagrams. The diagrams are too large for a standard computer screen, are not suitable for printing out in A4 format and are therefore compiled in binders. The Diagram Manual is intended in the first place for users who have opted for a subscription to the Workshop Manual only via Scania Multi or Internet. Diagram Manual is ordered by subscription for trucks or buses.