

506-36, 507-42, 509-42, 510-56, 512-56

[Section 1 - General Information](#)

[Section 2 - Care and Safety](#)

[Section 3 - Routine Maintenance](#)

[Section B - Body and Framework](#)

[Section C - Electrics](#)

[Section E - Hydraulics](#)

[Section F - Transmission](#)

[Section G - Brakes](#)

[Section H - Steering](#)

[Section K - Engine](#)

[Section M - Electronic Network](#)



Publication No.
9803/3740-08



Copyright © 2004 JCB SERVICE. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any other means, electronic, mechanical, photocopying or otherwise, without prior permission from JCB SERVICE.

General Information

Service Manual - 506-36, 507-42, 509-42, 510-56, 512-56

[Section 1 - General Information](#)

[Section 2 - Care and Safety](#)

[Section 3 - Routine Maintenance](#)

[Section B - Body and Framework](#)

[Section C - Electrics](#)

[Section E - Hydraulics](#)

[Section F - Transmission](#)

[Section G - Brakes](#)

[Section H - Steering](#)

[Section K - Engine](#)

[Section M - Electronic Network](#)



Publication No.
9803/3740-07



Copyright © 2004 JCB SERVICE. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any other means, electronic, mechanical, photocopying or otherwise, without prior permission from JCB SERVICE.

Issued by JCB Technical Publications, JCB Aftermarket Training, Woodseat, Rocester, Staffordshire, ST14 5BW, England. Tel +44 1889 591300 Fax +44 1889 591400

World Class
Customer Support



Section 1 - General Information

Contents	Page No.
Applications	
Introduction	1-1 - 1
Tables	1-1 - 2
Section 1 - General Information	1-1 - 2
Section 2 - Care and Safety	1-1 - 2
Section 3 - Routine Maintenance	1-1 - 3
Section B - Body and Framework	1-1 - 3
Section C - Electrics	1-1 - 4
Section E - Hydraulics	1-1 - 5
Section F - Transmission	1-1 - 6
Section G - Brakes	1-1 - 7
Section H - Steering	1-1 - 8
Section K - Engine	1-1 - 9
Section M - Electronic Data Systems	1-1 - 10
Introduction to the Manual	
Introduction	1-2 - 1
Scope	1-2 - 2
Personnel	1-2 - 2
Applications	1-2 - 2
Newest Data	1-2 - 2
Format	1-2 - 3
Left and Right Sides	1-2 - 4
Hydraulic Schematic Codes	1-2 - 5
Colour Codes	1-2 - 5
Electrical Device Codes	1-2 - 6
Machine Identification	
Introduction	1-3 - 1
Related Topics	1-3 - 2
Machine Identification Plate	1-3 - 3
Typical Product Identification Number (PIN)	1-3 - 3
Component Identification Plates	1-3 - 5
Typical Engine Identification Number	1-3 - 5
Transmission Identification Numbers	1-3 - 6
ROPS/FOPS Certification Plates	1-3 - 7
Torque Settings	
Introduction	1-4 - 1
Zinc Plated Fasteners and Dacromet Fasteners	1-4 - 2
Introduction	1-4 - 2
Bolts and Screws	1-4 - 2
Hydraulic Connections	1-4 - 6
'O' Ring Face Seal System	1-4 - 6
'Torque Stop' Hose System	1-4 - 9
'Positional Type' Hydraulic Adaptors	1-4 - 10
Fitting Procedure	1-4 - 10
Service Tools	
Introduction	1-5 - 1
Numerical List	1-5 - 2
Tool Detail Reference	1-5 - 5
Rivet Nuts	1-5 - 21
Fitting Procedure	1-5 - 22



Contents	Page No.
Slide Hammer Kit	1-5 - 23
Fitting Procedure	1-5 - 23
Service Consumables	
Introduction	1-6 - 1
Sealing and Retaining Compounds	1-6 - 2
Fuel	
Introduction	1-7 - 1
Related Topics	1-7 - 2
Acceptable and Unacceptable Fuels	1-7 - 3
Additives	1-7 - 4
Service Requirements for use of B20 Biodiesel	1-7 - 4
Fuel Types	1-7 - 5
Usage and Effects of Fuels	1-7 - 6
Sulphur Content	1-7 - 7
Effects of Fuel Contaminates	1-7 - 8

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$