

TECHNICAL BULLETIN



MODEL/DERIVATIVE:
Defender

Bulletin N°: 0087
CDS. ref: L8706bu
Issue: 1
Date: 19.12.01

AFFECTED RANGE:
All derivatives

PROBLEM:
SIDE DOOR HINGE CORROSION

CAUSE:
Insufficient paint coverage on mating face of door hinge.

ACTION:

Where a complaint of the above is confirmed, replace the hinge with a new hinge and fixing bolts detailed in *PARTS INFORMATION*.

NOTE: Where corrosion is evident on one hinge only, change both hinges and fixings on the door.

Front doors

1. Remove the door trim casing, refer to Workshop Manual, Chassis and Body, repair number 76.34.01.
2. Remove 'R' clip from check strap pivot pin and remove pivot pin and washer.
3. Release door harness sleeve from 'A' post, withdraw and disconnect multiplug.
4. Reference mark outline of door hinges.
5. Remove 4 bolts securing hinges to door.
6. With assistance, separate hinges from door noting number of nylon gasket removed per hinge.
7. Remove 4 bolts securing hinges to 'A' post.
8. Remove hinges from 'A' post noting how many nylon gaskets are removed for each hinge.
9. Remove 2 screws securing exterior mirror to hinge and remove mirror.
10. Paint new door hinges, ensure the door hinge mating face to body and door has sufficient paint coverage.
11. Position mirror to new hinge and fit and tighten screws.



CAUTION: When refitting hinges do not use power tools to tighten fixings. Manually tighten fixings to prevent damage.

12. Using reference marks, position new hinges to 'A' post with the correct number of new nylon gaskets, fit but do not tighten the new fixing bolts.
13. With assistance, using reference marks, position door to hinges, fit the correct number of new nylon gaskets and fit but do not tighten new door hinge fixing bolts, align door to body aperture and tighten all hinge fixing bolts to 16 Nm.
14. Locate check strap to door, fit pivot pin, washer and 'R' clip.
15. Connect multiplug, feed multiplug and harness into 'A' post and secure door harness sleeve.
16. Refit trim casing.

Rear doors

1. Remove the door trim casing, refer to Workshop Manual, Chassis and Body, repair number 76.34.04 and 76.34.04/99.
2. Remove nut and disconnect check strap.
3. Remove clip, release door harness sleeve from 'B/C' post and disconnect multiplug.
4. Reference mark outline of door hinges.
5. Remove 4 bolts securing hinges to door.
6. With assistance, separate hinges from door noting number of nylon gaskets removed per hinge.
7. Remove 4 bolts securing hinges to 'B/C' post.
8. Remove hinges from 'B/C' post noting how many nylon gaskets are removed for each hinge.
9. Paint new door hinges, ensure the door hinge mating face to body and door has sufficient paint coverage.



CAUTION: *When refitting hinges do not use power tools to tighten fixings. Manually tighten fixings to prevent damage.*

10. Using reference marks, position new hinges to 'B/C' post with the correct number of new nylon gaskets, fit but do not tighten new fixing bolts.
 11. With assistance, using reference marks, position door to hinges, fit the correct number of new nylon gaskets and fit but do not tighten new door hinge fixings, align door to body aperture and tighten all hinge fixing bolts to 16 Nm.
 12. Locate check strap to door, fit and tighten nut.
 13. Connect multiplug, feed multiplug and harness into 'B/C' post, fit clip and secure door harness sleeve.
 14. Refit trim casing.
 15. Lubricate door hinges.
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PARTS INFORMATION:

Description	Part number
Hinge assembly - RH front door upper	BDB710160
Hinge assembly - LH front door upper	BDB710170
Hinge assembly - front door lower and rear door - RH	BDB710180
Hinge assembly - front door lower and rear door - LH	BDB710190
Fixing bolt - front doors - hinge to 'A' post	BYG100140L
Fixing bolt - all doors - hinge to door	BYG100150L
Fixing bolt - rear doors - hinge to 'B/C' post - upper	BYG100160L
Fixing bolt - rear doors - hinge to 'B/C' post - lower	BYG100170L
Nylon gasket	BHC710010

WARRANTY CLAIMS:

Use Complaint Code: 9F1H

Front door

Use S.R.O.: 76.28.42

Time allowance: 1.10 Hrs

Rear door

Use S.R.O.: 76.28.43

Time allowance: 1.10 Hrs

Paint hinges - upper and lower front or rear door

Use S.R.O.: 76.28.89/57

Time allowance: 0.30 Hrs

Please do not return discarded parts to Land Rover.