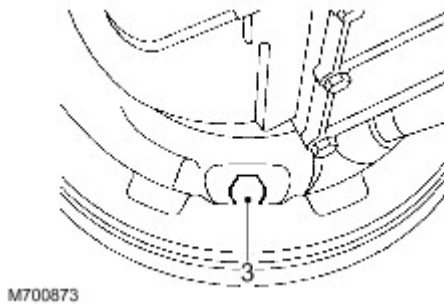


Parking Brake Shoe and Lining Adjustment (70.40.11)

NOTE:

The parking brake should be fully operational on third notch of ratchet.

1. Raise one rear wheel clear of ground and support on axle stand.
2. Release parking brake lever.
3. Tighten brake adjuster to 25 Nm (18 lbf.ft) to fully expand shoes to drum.



4. Back off adjuster 1½ turns, check that drum is free to rotate.

5.



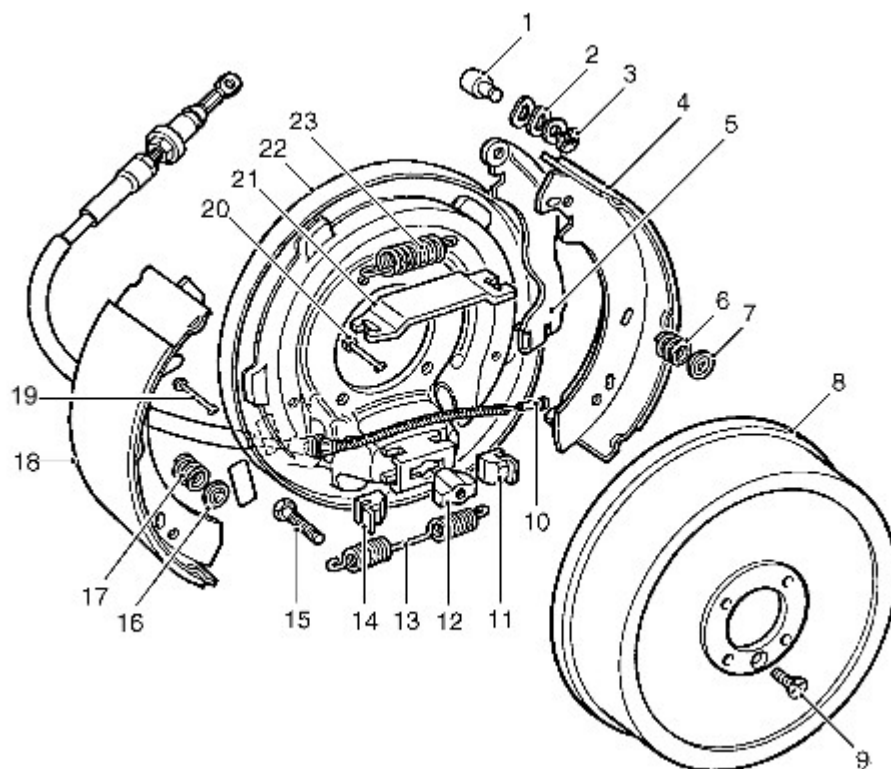
CAUTION: Cable adjustment must ONLY be used for initial setting and to compensate for cable stretch. It MUST NOT be used to take up brake shoe wear, which MUST be adjusted at brake drum.

Check operation of parking brake lever to give pawl 2 notches free movement on ratchet before being fully operational on third notch of ratchet. Adjust parking brake accordingly if lever travel exceeds the above tolerance.

6. Remove axle stand and wheel chock.

Parking Brake Cable (70.35.25)

Removal

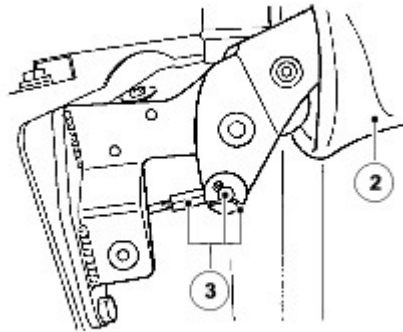


J6337

Item	Description
1	Pin
2	Washer
3	'C' Circlip
4	Brake shoe
5	Cable lever
6	Hold down spring
7	Dished washer
8	Brake drum
9	Screw
10	Brake cable
11	Adjuster slide
12	Adjuster nut
13	Spring
14	Adjuster slide
15	Adjuster bolt
16	Dished washer
17	Hold down spring
18	Brake shoe

19	Hold down pin
20	Hold down pin
21	Abutment plate
22	Back plate
23	Spring

- 1 . Park vehicle on level ground, chock road wheels and release parking brake. Alternatively, raise vehicle on ramp.
- 2 . Remove 3 trim studs and lift up parking brake gaiter.



J6338

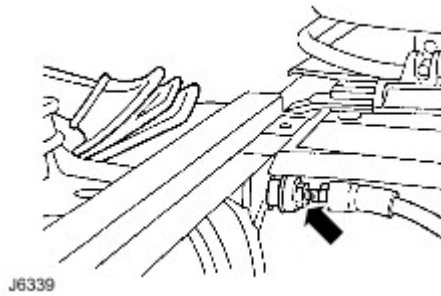
- 3 . Remove split pin, clevis pin, washer and disconnect cable from parking brake lever.
- 4 . Slacken off transmission brake drum adjusting screw.
- 5 . Disconnect drive shaft from output flange.
- 6 . Remove retaining screw and withdraw brake drum.
- 7 . Release parking brake cable clevis from abutment on cable lever, see J6337, and pull through aperture in back plate.
- 8 . Pull cable from heelboard and remove from vehicle.

Installation

- 1 . Feed new cable through heelboard ensuring rubber grommet is correctly located.
- 2 . Position cable over guide plate, insert through backplate and connect to cable lever.
- 3 . Instal cable to parking brake lever and secure with clevis pin and split pin.
- 4 . Instal parking brake gaiter.
- 5 . Instal brake drum. Tighten screw to 25 Nm (18 lbf.ft).
- 6 . Screw in and tighten adjuster bolt until brake drum will not rotate by hand.
- 7 . Tighten adjuster bolt further to 25 Nm (18 lbf.ft) to ensure brake drum is locked.
- 8 . Slacken off adjuster bolt by 1.5 turns to give brake shoes running clearance. Check that the drum is free to

rotate.

- 9 . Slacken locknut and adjust cable to give the parking brake pawl two notches free movement on the ratchet before being fully operational on third notch (brake shoes are fully expanded against drum).



NOTE:

Cable adjustment is for a new cable or to compensate for cable stretch. Cable adjustment must not be used to take up brake shoe wear.

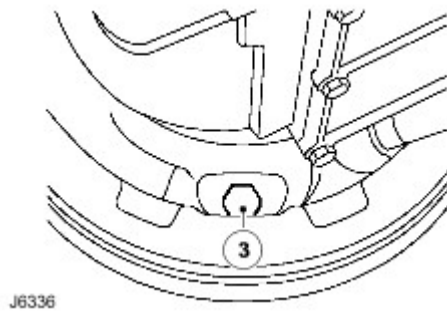
- 10 . Instal drive shaft to output flange. Tighten fixings to 46 Nm (34 lbf.ft).

- 11 . Remove wheel chocks and check operation of parking brake.

Shoes

Removal

- 1 . Park vehicle on level ground, chock road wheels and release parking brake. Alternatively, raise vehicle on a ramp.
- 2 . Disconnect rear propeller shaft from transmission output flange at brake drum.
- 3 . Slacken off parking brake drum adjustment bolt.



- 4 . Remove single screw securing brake drum to output flange.
- 5 . Withdraw drum to expose brake assembly.
- 6 . Release top and bottom springs from brake shoes, see J6337.
For additional information, refer to [Parking Brake Cable \(70.35.25\)](#)
- 7 . Grip dished washer with a pair of pliers, depress washer and turn through 90°.
- 8 . Remove dished washer, complete with hold down spring and pin from both shoes.
- 9 . Move brake shoes out from adjuster slides, release from abutment plate and remove from backplate.
- 10 . Check that springs are satisfactory for continued use. If new brake shoes are to be fitted, the springs should also be renewed.

Installation

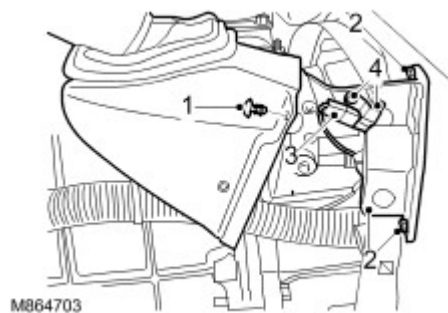
- 1 . Locate RH brake shoe in slide and secure brake shoe and lever assembly to backplate with hold down pin, spring and dished washer.
- 2 . Locate LH brake shoe in slide and fit abutment plate between both brake shoes. Secure LH shoe with hold down pin, spring and dished washer.
- 3 . Instal pull-off springs to brake shoes.
- 4 . Instal brake drum. Tighten screw to 25 Nm (18 lbf.ft).
- 5 . Check that hand brake lever is released.
- 6 . Screw in and tighten adjuster bolt until brake drum will not rotate by hand.
- 7 . Tighten adjuster bolt to 25 Nm (18 lbf.ft) to ensure brake drum is locked.

- 8 . Slacken off adjuster bolt by 1.5 turns to give shoes a running clearance. Check that the drum is free to rotate.
- 9 . Instal propeller shaft to output flange. Tighten fixings to 46 Nm (34 lbf.ft).
- 10 . Remove wheel chocks and check operation of parking brake.

Parking Brake Switch (70.35.46)

Removal

- 1 . Release cover from parking brake lever.
- 2 . Remove 2 bolts and release parking brake lever from body.
- 3 . Release connector from parking brake switch.
- 4 . Remove 2 screws securing parking brake switch to parking brake lever and remove switch.



Installation

- 1 . Install parking brake switch to parking brake lever and tighten screws.
- 2 . Install connector to parking brake switch.
- 3 . Position parking brake lever and tighten bolts to 22 Nm (16 lbf.ft).
- 4 . Position cover to parking brake lever.