

12 247 4 PISTONS FRONT CALIPER - REMOVE AND INSTALL (caliper piston housing removed)

SPECIAL SERVICE TOOLS REQUIRED: NONE

To Remove

1. Disconnect flexible hose from chassis end, blank off pipe to prevent excessive fluid loss, and disconnect wear sensor wire from loom. Remove brake pads as described in operation 12-233. Fig.27.
2. Using low hydraulic or air pressure carefully push out piston from cylinder. Position a suitable spacer (wood) between piston and housing to prevent piston from flying out and damaging piston face.
3. Hook out piston seal and dust cover. Wash piston and cylinder bore in commercial alcohol, methylated spirits or approved brake fluid. Ensure pistons and their bores are free from score marks.

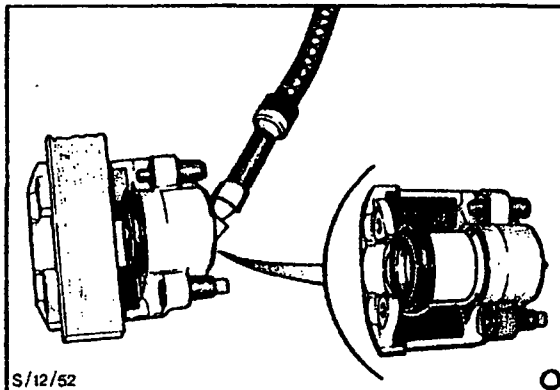


Fig.27. Use low air pressure to push out piston.

To Install

4. Refit piston seal and dust cover into cylinder bore. Stretch dust cover over piston and assemble piston into cylinder bore.
5. Refit brake pads to caliper, refit piston housing to anchor plate, reconnect hydraulic flexible hose. Reconnect pad wear sensor loom.
6. Bleed brakes and check for leaks.

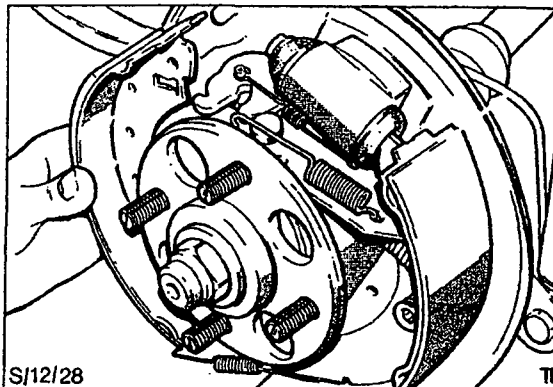


Fig.28. Remove leading shoe.
(left hand brake illustrated)

12 285 SHOES - REAR BRAKE - REMOVE AND INSTALL - ONE SIDE

SPECIAL SERVICE TOOLS REQUIRED: NONE

CAUTION: BRAKE DUST WHEN INHALED CAN BE INJURIOUS TO HEALTH.

To Remove

Left Hand Brake illustrated

1. Remove spring clips securing brake drum to shaft, release handbrake and pull off drum.
2. Remove leading shoe hold down spring and clip, unhook shoe from anchor and wheel cylinder, detach springs and remove shoe. Fig.28.
3. Remove hold down clip and spring from trailing shoe, swing shoe and handbrake lever out to detach cable, Fig.29. Remove self adjuster from shoe.

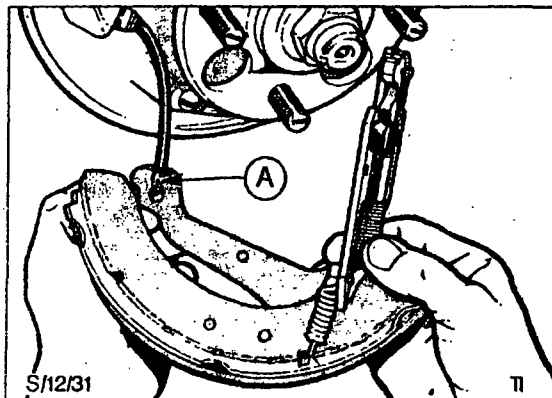


Fig.29. Detach handbrake cable from relay arm.
A - Hand brake cable fixing
(left hand brake illustrated)

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