



FAULT DIAGNOSIS

<u>SYMPTOMS</u>	<u>REASON</u>	<u>REMEDY</u>
No servo action	Vacuum pipe collapsed	Remove pipe from non-return valve. If no vacuum present with engine running, pipe faulty. If vacuum OK, pipe not faulty.
	Non-return valve faulty	Replace valve if it allows air to pass through it both ways.
	Diaphragm split	Strip servo, replace if faulty.
	Control valve faulty	Strip servo, replace if faulty.
	Servo piston broken	Strip servo, replace if faulty.
	Master cylinder push rod seal fitted incorrectly or faulty.	Refit seal correctly (seal plate to bottom). Replace seal if damaged.
Hiss from servo unit and/or servo unit not functioning correctly.	Non-return valve not sealing on servo body.	Seal valve or replace complete unit.
	Diaphragm not fitted correct (not sealing around half casings).	Strip unit, refit diaphragm correctly.
	Studs leaking on servo	Replace servo unit.
Hiss from brake pedal area when brake pedal lightly applied.	Excessive grease on control valve.	Strip unit and clean valve
	Damage to piston valve seat.	Replace piston.
	Excessive rubber on control valve.	Strip unit, remove excessive rubber or replace valve assembly
	Faulty seals.	Replace control valve assembly.
Click from brake pedal.	Control valve incorrectly assembled causing movement in valve.	Replace complete valve. DO NOT REPAIR.
Brakes hanging on or build up	Incorrect adjustment of pedal height.	Adjust pedal height to that of the clutch.
	Incorrect master cylinder clearance.	Adjust rod using tool MP6-141A.