



INSTRUCTIONS FOR
2L MANUAL BRAKE BLEEDER FLUID PUMP
MODEL NO: ST161117

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.



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1. FLUID CONTAINER 2. HOSE 3. HAND PUMP 4. PRESSURE GAUGE 5. CONTAINER CAP 6. CAP WRENCH
7. PRESSURE RELEASE VALVE 8. BRAKE BLEEDER ADAPTOR WITH QUICK CONNECTOR 9. 1L WASTE OIL BOTTLE

Spares available:

PART NO.	SIZE	APPLICATION
B1	43.5mm	CHRYSLER, DODGE, JEEP, PLYMOUTH
B2		
B3	49.5mm	GM, SOME MAZDA
C1	56mm	HONDA ACCORD
J	50.7mm	HYUNDAI, MITSUBISHI, NISSAN, SUBARU, SOME CHRYSLER, DODGE, SOME FORD, LINCOLN



CONTAINER CAPACITY	2 LITRES
OPERATING PRESSURE	10PSI
MAXIMUM PRESSURE RATING	30PSI
SUCTION AND CONNECTING HOSE	5/16" O.D X 59" LONG
ADDITIONAL FEATURES	PRESSURE RELEASE VALVE
45MM ADAPTOR	FOR AUDI, BMW, VW, BENZ, PORSCHE
ADDITIONAL ADAPTORS	5 PIECES
PRESSURE GAUGE	0-80PSI (0-6 BAR)

INSTRUCTIONS

THIS MANUAL BRAKE BLEEDER IS DESIGNED FOR USE WITH MOST BRAKE MASTER CYLINDER RESERVOIRS FITTED WITH A EURO CAP.

SAFETY PRECAUTIONS

- RELEASE ALL PRESSURE FROM THE BRAKE BLEEDER AND EMPTY FLUID CONTAINER WHEN NOT IN USE.
- DO NOT USE IF DAMAGED.
- CLEAN AFTER USE WITH A CLEAN DRY CLOTH.
- KEEP THE HOSE AND ADAPTOR CLEAN FOR FUTURE USE.

INSTRUCTIONS

- FILL THE CONTAINER AT THE CAP (5)
- REMOVE THE CAP FROM THE VEHICLE'S BRAKE RESERVOIR.
- CHECK THE LEVEL OF THE BRAKE FLUID AND TOP UP TO THE MAXIMUM LINE IF NECESSARY.
- FIT THE BRAKE BLEED ADAPTOR WITH THE QUICK CONNECTOR OVER THE RESERVOIR NECK.
- MAKE SURE THE SYSTEM IS SEALED.
- PUMP THE HANDLE UNTIL 10PSI IS REACHED (DO NOT EXCEED 30PSI).
- THE SYSTEM IS NOW PRIMED AND READY FOR THE BRAKES TO BE BLEED WITHOUT FEAR OF BLEEDING THEM DRY.

BLEEDING THE BRAKES

- REPEAT THE FOLLOWING PROCEDURE ON ALL WHEELS IDEALLY STARTING AT THE OFF-SIDE REAR, NEAR SIDE REAR, OFF-SIDE FRONT AND NEAR SIDE FRONT.
- PLACE THE 1L WASTE OIL BOTTLE OVER THE FITTING
- WITH A RING SPANNER (TO AVOID DAMAGE TO THE SCREW) LOOSEN THE BLEED SCREW BY 1/4 TURN TO RELEASE FLUID INTO THE CLEAR PIPE (THE SCREW ONLY NEEDS TO BE OPEN FOR A COUPLE OF SECONDS OR LESS).
- CLOSE THE BLEED SCREW GENTLY (NOT TOO TIGHT).
- CHECK THE BRAKE FLUID IN THE CLEAR PIPE FOR AIR BUBBLES.
- CONTINUE REPEATING THESE STEPS UNTIL NO AIR BUBBLES APPEAR (THIS COULD BE REPEATED UP TO 10 TIMES FOR EACH WHEEL).
- AFTER EACH WHEEL CHECK THE PRESSURE ON THE GAUGE. IF THIS HAS DROPPED PUMP THE HAND PUMP TO BUILD UP ANY LOST PRESSURE.
- REPEAT ON ALL WHEELS.



FIG.1



FIG.2



FIG.3