OPERATING INSTRUCTIONS
2-VALVE BRASS MANIFOLD

ASSEMBLE HOOK AND
CLOSURE PLATE TO
MANIFOLD BODY.

GAUGE RECALIBRATION:
Remove lens cover.
Turn recalibrator screw in the opposite
direction to desired movement of
pointer until gauge reads '0'.

NOTE:
When system utilizes tire valve type access fittings P&S in place of
service valves, disregard procedures for H and L valves. Connect core
depressor (angled) end of hoses to access fittings - P and S.

PROP 65 WARNING: This product contains chemicals, including lead, known to the State of California to cause cancer, and birth defects or other
reproductive harm. Wash hands after use.

TO EVACUATE AND CHARGE
C&D closed
1&3 connect as shown
H&L crack open off back seat

NOTE: If gauges show pressure, complete Purge System before proceeding.

C&D open
H&L open to mid position
2 connect to manifold, opposite end to vacuum pump
F open
Start pump and complete evacuation.
F close and stop pump
H crack open off back seat
C&D close
2 connect to manifold, opposite end to refrigerant
G open
C open and regulate flow

TO PURGE HOSES
C&D open
1&3 connect as shown but not tightened at end opposite
manifold
2 connect to manifold,
G opposite end to refrigerant
open to begin purge

TO OBSERVE OPERATING
PRESSURES
C&D closed
H&L crack open off back seat
and read gauges

TO PURGE SYSTEM
C&D closed
1&3 connect as shown
2 connect to manifold and
direct opposite end to vent
crack open off back seat
H&L
C&D crack open to begin purge

TO CHARGE REFRIGERANT INTO
SUCTION SIDE
C&D closed
1&3 connect as shown
2 connect to manifold,
H opposite end to refrigerant
L crack open off back seat
G open
C open and regulate flow

TO CHARGE OIL INTO SUCTION
SIDE (service valve systems only)
C&D closed
1 connect as shown
2 connect to manifold,
H close on back seat
L close on front seat
C open and regulate flow
INSTRUCTION FOR
CHARGING HOSE & ACCESS FITTING
ADJUSTABLE BRASS CORE DEPRESSOR

APPLICATION INFORMATION:

THE ANGLED END OF IMPERIAL CHARGING HOSES AND SWIVEL END
OF ACCESS FITTINGS ARE EQUIPPED WITH A TREADED NIPPLE AND
DEPRESSOR THAT PERMITS ADJUSTING THE DEPRESSOR TO MATCH THE
POSITION OF SYSTEM ACCESS FITTING CORE VALVES FOR A PROPERLY
SEALED CONNECTION EVERY TIME.

FOR A CORE VALVE RECESSED BELOW THE END OF THE ACCESS FIT-
TING, POSITION THE DEPRESSOR AN EQUAL AMOUNT ABOVE THE GASKET
END.

FOR A CORE VALVE PROTRUDING ABOVE THE END OF THE ACCESS
FITTING, POSITION THE DEPRESSOR AN EQUAL AMOUNT BELOW THE
GASKET END.

IMPORTANT
ADJUSTABLE DEPRESSOR CAN ONLY BE INSTALLED IN ANGLED END OF CHARGING
HOSES

CORE VALVE REMOVAL CAP (LONG NOSE PLIERS OPTIONAL)

ADJUSTABLE DEPRESSOR

RUBBER GASKET

ADJUST BY ROTATING

REPLACEMENT DEPRESSORS
ADJUSTABLE BRASS DEPRESSOR
ADJUSTABLE NON-METALLIC DEPRESSOR

ADJUSTING PROCEDURE:

THE BRASS CORE DEPRESSOR CAN BE ADJUSTED WITH AN ORDINARY
VALVE CORE REMOVAL CAP OR LONG NOSE PLIERS.

TO MAKE AN ADJUSTMENT, SIMPLY ENGAGE TOOL WITH END OF
DEPRESSOR AND ROTATE FOR THE DESIRED INWARD OR OUTWARD
ADJUSTMENT.

REPLACEMENT DEPRESSORS:

THE BRASS CORE DEPRESSOR CAN BE USED AS A REPLACEMENT IN
IMPERIAL CHARGING HOSES AND ACCESS FITTINGS THAT WERE ORIGINALLY
EQUIPPED WITH A NON-METALLIC ADJUSTABLE DEPRESSOR.

TO REPLACE DEPRESSOR, BACK OUT OLD DEPRESSOR. IF OLD
DEPRESSOR IS DAMAGED AND WILL NOT BACK OUT THROUGH GASKET,
REMOVE GASKET AND THEN THE DEPRESSOR.

TO INSTALL NEW DEPRESSOR, INSERT DEPRESSOR INTO RUBBER
GASKET AND ROTATE WHILE APPLYING INWARD FORCE. ADJUST TO
DESIRED POSITION

LIFETIME WARRANTY

Any product manufactured by Imperial that fails to render service due to defect in workmanship or materials will
be replaced or repaired at no charge. Product failures due to misuse, abuse, normal wear and tear or alterations are
not covered by the Lifetime Warranty. Wear items will need to be replaced over time, and are not included (such
as cutter wheels, seals, gaskets, o-rings and gauges). Imperial makes no other warranty, expressed or implied. Tools
should be returned to the Buyer's place of purchase.

Imperial
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30333 Emerald Valley Parkway • Glenwillow, Ohio 44139 USA
www.imperial-tools.com • info@stridetool.com © 2010 Stride Tool Inc.