INSTRUCTION SHEET
#500 CONCEALED PIVOT

1. Assemble top door mount casting with short pin and spring in top of door as shown.
2. Depress pin flush with top of door and tighten set-screws slightly to hold pin down.
3. Assemble bottom door mount casting with long pin in bottom of door as shown.
4. Tighten set screw slightly to hold pin from falling out.
5. Set door in place. With bottom pin in gear, adjust desired door clearance from floor.
6. Align top pin in gear. Release set screws to allow pin to fit in gear.
7. Close door to check alignment. Open door 90 degrees and tighten all set screws.
8. Snap closures into holes.

CAUTION, PLEASE NOTE:

1. Door must have stop to prevent it from opening more than 100°.
2. Standard application is for 1 3/4" doors. For thicker doors or the addition of any panels, mirrors, etc., to the face of the doors, you must get clearance and special templating information from:
   Engineering Department
   Hager Companies
   139 Victor Street
   St. Louis, MO 63157-0300
3. Door must clear all flooring material including shag carpeting.
4. Gear boxes on floor may not be mounted on carpeting.

CENTER LINE OF GEAR BOX
SAME AS CENTER LINE OF DOOR

3/32" BOTH SIDES OF DOOR

SHORT PIN AT TOP END OF DOOR

TOP DOOR MOUNT CASTING

SPRING AT TOP END OF DOOR ONLY

7/8" HOLE AT TOP AND BOTTOM OF DOOR

3/4" COUNTERBORE 1/16" DEEP
3/4" FROM TOP AND BOTTOM OF DOOR

FLOOR LINE

3/8" TO 1" DOOR CLEARANCE FROM FLOOR

BOTTOM OF DOOR

CLOSURE

BOTTOM MOUNT CASTING

LONG PIN AT BOTTOM OF DOOR

FLOOR LINE

GEAR BOX

DOOR

JAMB FRAME

SET SCREWS

DESIGNATION:

500 PIVOT

INSTALLATION INSTRUCTIONS METRIC

HAGER RESERVES THE RIGHT TO MAKE DESIGN CHANGES WITHOUT NOTICE

No. REVISION BY DATE

2 ECO CT05041 RAM 10-14-05

PART NO.

I-500 PIVOT_METRIC