**TYPE 'V' ASSEMBLY**

WOOD OR METAL DOOR (CONCEALED CONE BUSHING FASTENERS)

SET SCREW (2)  
CONE BUSHING (2)  

SPANNER COLLAR  
SPANNER STUD  
DOOR  
WOODB OR METAL SCREW (2)  
OFFSET PULL  
STRAIGHT PULL  

**NOTES:** DO NOT FULLY TIGHTEN HARDWARE UNTIL SET IS COMPLETELY ASSEMBLED ON DOOR. RIV-NUTS, SUPPLIED BY OTHERS, ARE REQUIRED FOR INSTALLATION ON ALUMINUM DOORS.

1) FASTEN ONE CONE BUSHING TO HINGE SIDE OF DOOR FOR PUSH BAR END AND ONE CONE BUSHING TO LOCK SIDE OF DOOR FOR BOTTOM OF PULL. USE INCLUDED WOOD OR METAL SCREWS PER THE APPLICATION. (HOLES DRILLED PREVIOUSLY)

2) SCREW FINER THREADED END OF SPANNER STUD INTO HOLE OF TOP PULL LEG 2-4 TURNS.

3) POSITION THE PULL SO THAT THE INSTALLED STUD GOES THROUGH THE 7/16" HOLE IN DOOR (PREVIOUSLY DRILLED TO SPECIFIED CENTERS (CTC) IN DOOR FACE OR STILE) AND THE BOTTOM LEG OF THE PULL GOES ONTO THE CONE BUSHING.

4) THREAD SPANNER COLLAR ONTO PROTRUDING SPANNER STUD.

5) TIGHTEN THE BOTTOM LEG SET SCREW OF PULL JUST ENOUGH TO HOLD THE PULL ON THE CONE BUSHING.

6) FASTEN LOCK END OF PUSH BAR ONTO SPANNER STUD BY USING THE SPANNER WRENCH TO TURN THE SPANNER COLLAR IN A CLOCKWISE DIRECTION.

7) POSITION DOOR HINGE END OF PUSH BAR ONTO CONE BUSHING. TIGHTEN THE SET SCREW JUST ENOUGH TO HOLD THE PUSH BAR ON THE CONE BUSHING.

8) TIGHTEN ALL HARDWARE TO SECURELY FASTEN PUSH/PULL SET TO DOOR.