

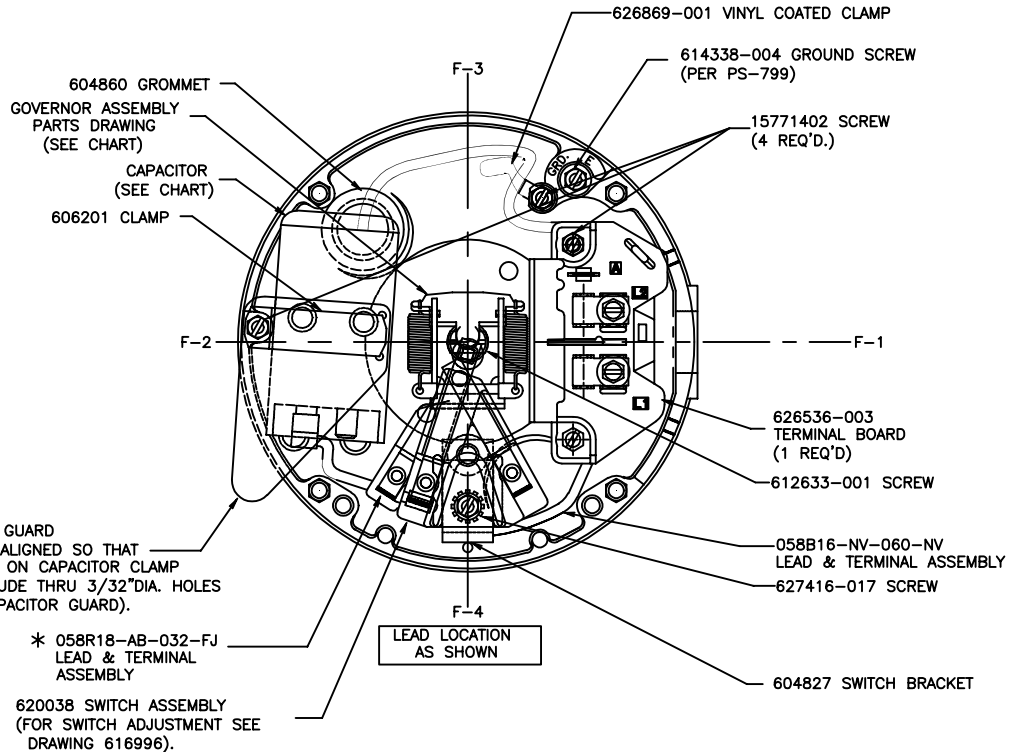
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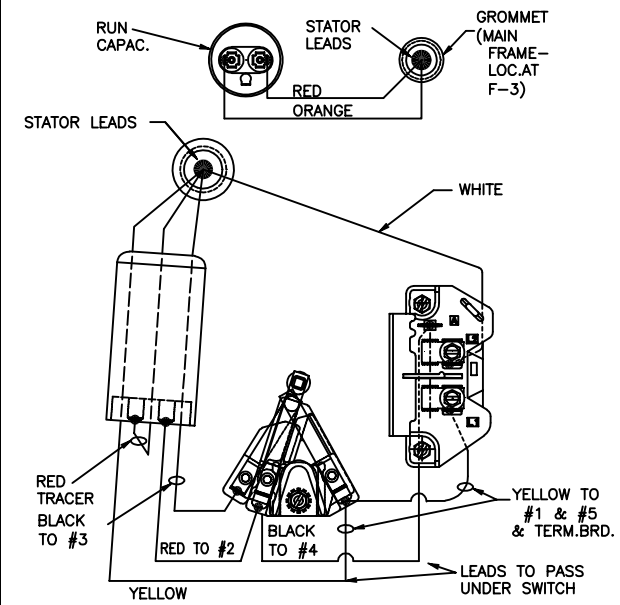
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|-----|---------------|-------------------|--------|------------|--------|------------|
| REV | REFERENCE ECN | REFERENCE PROJECT | REV BY | DATE | APPD | DATE |
| E | | 01226001 | margue | 01-18-2006 | margue | 01-18-2006 |



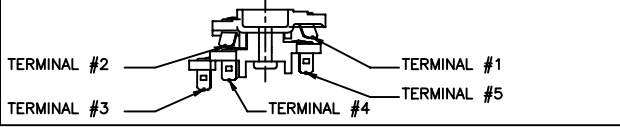
| PART NUMBER | HZ. | CAPACITOR | GOVERNOR ASSEMBLY PARTS DWG. | REMARKS |
|-------------|-----|------------|------------------------------|---------|
| 627701-001 | 60 | 610807-033 | 607485-003 | |
| 627701-002 | 60 | 610807-014 | 607485-003 | |
| 627701-003 | 60 | 610807-012 | 607485-003 | |
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CONN. DIAG. - EXT. & WIRE ROUTING
SINGLE VOLTAGE - TWO SPEED - TYPE K



HIGH SPEED - CONNECT L1 & L2
 LOW SPEED - CONNECT L2 & A

SWITCH TERMINAL ARRANGEMENT



NOTES:
 ALL LEADS TO BE ROUTED AS SHOWN. CARE SHOULD BE TAKEN TO REMOVE ANY POSSIBILITY OF END COVER INTERFERENCE.
 * TWIST RED LEAD TO CAPACITOR, ONE TURN AROUND THE YELLOW & BLACK LEADS. CONNECTIONS UNDER TERMINAL BOARD
 L1 - YELLOW
 L2 - WHITE
 A - BLACK
 ORIENT TERMINALS ON CONNECTIONS UNDER THE TERMINAL BOARD TO POINT AWAY FROM THE GOVERNOR.

GEOMETRIC CHARACTERISTICS & SYMBOLS
 ▭ FLATNESS
 — STRAIGHTNESS
 ∠ ANGULARITY
 ⊥ PERPENDICULARITY (SQUARENESS)
 ∥ PARALLELISM
 ○ ROUNDNESS (CIRCULARITY)
 ⌀ CYLINDRICITY
 △ PROFILE OF ANY SURFACE
 ∩ PROFILE OF ANY LINE
 ↗ RUNOUT
 ⊕ TRUE POSITION
 ⊙ CONCENTRICITY
 = SYMMETRY

UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS:
 INCH X XX XXX XXXX
 INCH ±.1 ±.02 ±.005 ±.0005
 mm ±0.5 ±0.13 ±0.013
 ANG. ±.50 DEG
 REMOVE BURRS & BREAK SHARP EDGES:
 INCH .003-.015 mm 0.1-0.4
 CORNER FILLETS TO:
 INCH .020 mm 0.5
 MACHINE SURFACES:
 INCH 125 mm 3.2
 METRIC DIMS. SHOWN IN [BRACKETS]

DR BY: TDT 04/03/2001
 APPD: WB 04-16-2001
 THIRD ANGLE PROJECTION
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A.O. SMITH A DIVISION OF A. O. SMITH CORPORATION
 ELECTRICAL PRODUCTS COMPANY TIPP CITY, OHIO
 DESCRIPTION: **EXTERNAL PARTS & CONNECTIONS**
 SIZE: C DWG NO: 627701
 SCALE: NONE SHEET 1

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