

NOTES:

1. THE U-MAGNETS ARE TO BE CHECKED WITH A TORQUE DRIVER AND SHALL WITHSTAND A MINIMUM OF 18 INCH LBS. AND A MAXIMUM OF 32 INCH LBS. TORQUE BEFORE TURNING. THE CORES SHALL NOT BE COLLAPSED MORE THAN .005 AS A RESULT OF STAKING.
2. CONNECTIONS TO BE SOLDERED WITH SUFFICIENT HEAT TO REMOVE INSULATION AND PROVIDE A SOLDER CONNECTION THAT WILL MEET STANDARD QUALITY SOLDER SPECIFICATIONS.
3. ARMATURES SHOULD NOT MOVE FROM SIDE TO SIDE WITH 7 LBS. FULL APPLIED.
4. TIGHTEN SCREWS TO 12-17 INCH. LBS. TORQUE.
5. 8-12 INCH. LBS. TORQUE.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |          |                                              |                           |      |                |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|----------------------------------------------|---------------------------|------|----------------|--|--|--|--|--|--|--|--|--|--|--|---------|---|-------|----------------------------------------------|----|-----|---------|---|-------|-------------------|----|-----|----------|---|-------|----------------------|----|------|----------|---|-------|--------------------------|-----|----|------|-----|----------|----------|-----|------|------------|--|----------------------------------------------------------------|--|--|--|
| USED ON: VR-896                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |          |                                              |                           |      |                |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
| <table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8/29/16</td> <td>D</td> <td>34464</td> <td>510020 WAS 500181, REMOVED 100548 AND 100923</td> <td>CS</td> <td>MCB</td> </tr> <tr> <td>9-24-10</td> <td>C</td> <td>29935</td> <td>500181 WAS 510020</td> <td>DM</td> <td>ACD</td> </tr> <tr> <td>12-10-04</td> <td>B</td> <td>27166</td> <td>REVISED BDM PER P.E.</td> <td>JP</td> <td>1/11</td> </tr> <tr> <td>12-22-92</td> <td>A</td> <td>17279</td> <td>Operations &amp; Std's. Rev.</td> <td>ARC</td> <td>AK</td> </tr> <tr> <td>DATE</td> <td>SYM</td> <td>P.E. NO.</td> <td>REVISION</td> <td>DR.</td> <td>CK'D</td> </tr> </table> |     |          |                                              |                           |      |                |  |  |  |  |  |  |  |  |  |  |  | 8/29/16 | D | 34464 | 510020 WAS 500181, REMOVED 100548 AND 100923 | CS | MCB | 9-24-10 | C | 29935 | 500181 WAS 510020 | DM | ACD | 12-10-04 | B | 27166 | REVISED BDM PER P.E. | JP | 1/11 | 12-22-92 | A | 17279 | Operations & Std's. Rev. | ARC | AK | DATE | SYM | P.E. NO. | REVISION | DR. | CK'D | TOLERANCES |  | <b>Automotive Controls Corporation</b><br>Independence, Kansas |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |          |                                              |                           |      |                |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |          |                                              |                           |      |                |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
| 8/29/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | D   | 34464    | 510020 WAS 500181, REMOVED 100548 AND 100923 | CS                        | MCB  |                |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
| 9-24-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C   | 29935    | 500181 WAS 510020                            | DM                        | ACD  |                |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
| 12-10-04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | B   | 27166    | REVISED BDM PER P.E.                         | JP                        | 1/11 |                |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
| 12-22-92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A   | 17279    | Operations & Std's. Rev.                     | ARC                       | AK   |                |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SYM | P.E. NO. | REVISION                                     | DR.                       | CK'D |                |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
| DECIMAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |          |                                              | SCALE                     |      | DRAWN BY D.M.  |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
| ± N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |          |                                              | NTS                       |      | APPROVED BY ES |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
| FRACTIONAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | TITLE    |                                              | REGULATOR ASSY. - 12 VOLT |      |                |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
| ± N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |          |                                              | DATE                      |      | DRAWING NUMBER |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
| ANGULAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |          |                                              | 3-16-88                   |      |                |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
| ± N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |          |                                              | P.E. NO: 13717            |      | 896            |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |          |                                              |                           |      | ISSUE D        |  |  |  |  |  |  |  |  |  |  |  |         |   |       |                                              |    |     |         |   |       |                   |    |     |          |   |       |                      |    |      |          |   |       |                          |     |    |      |     |          |          |     |      |            |  |                                                                |  |  |  |