

GEAR RATIOS - A.M.C. GEARBOX

| 1ST  | RATIO |                   |     | GEARS  |        |        |        | USED ON     |
|------|-------|-------------------|-----|--------|--------|--------|--------|-------------|
|      | 2ND   | 3RD               | 4TH | 1      | 2      | 3      | 4      |             |
| 1.78 | 1.33  | 1.1               | 1.  | 17/25  | 20/22  | 22/20  | 23/19  | G50 NO KS   |
| 1.88 | 1.33  | 1.1               | 1.  | 16*/25 | 20/22  | 22/20  | 23/19  | G50 OPT.    |
| 1.87 | 1.4   | 1.16 <del>6</del> | 1.  | 17/25  | 20/22  | 22/20  | 23*/18 | G50 OPT.    |
| 2.16 | 1.97  | 1.47              | 1.  | 17/25  | 18/24  | 21/21  | 25/17  | G50 OPT.    |
| 2.42 | 1.33  | 1.1               | 1.  | 14/28  | 20/22  | 22/20  | 23/19  | OPTIONAL    |
| 2.42 | 1.61  | 1.15              | 1.  | 14/28  | 18/24  | 21/20* | 23/19  | OPTIONAL    |
| 2.56 | 1.7   | 1.22              | 1.  | 14/28  | 18/24  | 21/20* | 23*/18 | '60 500CC   |
| 2.67 | 1.77  | 1.35              | 1.  | 14/28  | 18/24  | 21/21  | 24/18  | '59 CS ONLY |
| 2.94 | 1.96  | 1.47              | 1.  | 14/28  | 18/24  | 21/21  | 25/17  | '59 ROAD    |
| 3.24 | 2.44  | 1.56              | 1.  | 14/29* | 16/25* | 26/21  | 25/16* | OPTIONAL    |
| 3.28 | 2.39  | 1.47              | 1.  | 13/29  | 16/26  | 21/21  | 25/17  | '60 TRIALS  |
| 3.48 | 2.53  | 1.56              | 1.  | 13/29  | 16/26  | 21/21  | 25/16* | '59 TRIALS  |
|      |       |                   |     |        |        |        |        | TRIALS OPT. |

GEARBOX GEARS

MAINDRIVE GEAR

|        |      |      |
|--------|------|------|
| 040251 | 25T  |      |
| 040116 | 24T  |      |
| 040572 | 23T  | G 50 |
| 040422 | 23T* |      |

LAY SHAFT PINION

|        |      |     |
|--------|------|-----|
| 040514 | 19T  | G50 |
| 040284 | 18T  |     |
| 040258 | 17T  |     |
| 040147 | 16T* |     |

1ST MAINSHAFT GEARS

|        |     |       |
|--------|-----|-------|
| 040507 | 17T | G 50  |
| 040026 | 14T |       |
| 040256 | 13T |       |
| 040605 | 16T | G 50* |

1ST LAYSHAFT GEARS

|        |      |      |
|--------|------|------|
| 040262 | 29T  |      |
| 040427 | 29T* |      |
| 040115 | 28T  |      |
| 040545 | 25T  | G 50 |

2ND MAINSHAFT GEARS

|        |     |     |
|--------|-----|-----|
| 040506 | 20T | G50 |
| 040418 | 18T |     |
| 040254 | 16T |     |
| 040254 | 16T |     |

2ND LAY SHAFT GEARS

|        |      |     |
|--------|------|-----|
| 040260 | 26T  |     |
| 040425 | 25T* |     |
| 040019 | 24T  |     |
| 040512 | 22T  | G50 |

3RD MAINSHAFT GEARS

|        |     |     |
|--------|-----|-----|
| 040574 | 22T | G50 |
| 040012 | 21T |     |

3RD LAY SHAFT GEARS

|        |      |     |
|--------|------|-----|
| 040016 | 21T  |     |
| 040513 | 20T  | G50 |
| 040420 | 20T* |     |

\*GEARS ARE CUT ON A LARGER OR SMALLER GEAR BLANK. THESE GEARS HAVE A SPECIAL GEAR TOOTH SHAPE AND ARE MADE TO RUN WITH OTHER STANDARD GEARS.