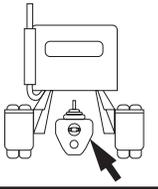
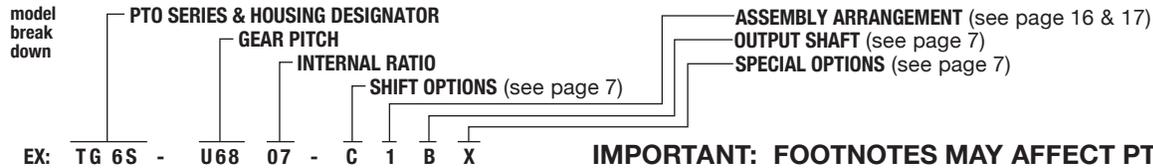


CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

| TREMEC TRANSMISSION (SPICER)  |                  |                                    |                |          |    |     |   | RIGHT SIDE ONLY<br>(LEFT SIDE TURN PAGE) |          |  |  |     |    |
|---|------------------|------------------------------------|----------------|----------|----|-----|---|--|----------|---|--|-----|----|
|  |                  | ES52-7A (301451), ES52-7B (301642) |                |          |    |     |   | SAE 6-BOLT OPENING                       |          |   |  |     |    |
|   |                  |                                    |                |          |    |     |   | PTO DRIVE GEAR DATA:                     |          |   |  |     |    |
| 6-BOLT TYPE   | PTO MODEL NUMBER | FOOT NOTES                         | SHAFT ROTATION | ENGINE % |    |     | ADAPTER                                   | SPACER                                   | STUD KIT | SHIFT TYPE  | INTERMITTENT RATING @ 1,000 RPM OF PTO |     |    |
|   |                  |                                    |                | HI       | LO | REV |   |  |          |   | TORQUE                                 | HP  |    |
| SINGLE GEAR   |                  |                                    |                |          |    |     |   |  |          |   |  |     |    |
| SINGLE SPEED MULTI GEAR   | TG6N-S7107-C1BX  | 1, 2, 3, 4                         | Opp            | 41       |    |     |   |  |          | Included  | Cable                                  | 230 | 44 |
|   | TG6N-S7108-C1BX  | 1, 2, 3, 4                         | Opp            | 51       |    |     |   |  |          | Included  | Cable                                  | 230 | 44 |
|   | TG6N-S7109-C1BX  | 1, 2, 3, 4                         | Opp            | 53       |    |     |   |  |          | Included  | Cable                                  | 205 | 39 |
|   | TG6N-S7112-C1BH  | 1, 2, 3, 4                         | Opp            | 65       |    |     |   |  |          | Included  | Cable                                  | 210 | 40 |
|   | TG6N-S7113-C1BH  | 1, 2, 3, 4                         | Opp            | 74       |    |     |   |  |          | Included  | Cable                                  | 210 | 40 |
|   | TG6N-S7115-C1BH  | 1, 2, 3, 4                         | Opp            | 84       |    |     |   |  |          | Included  | Cable                                  | 195 | 37 |
|   | TG6N-S7118-C1BH  | 1, 2, 3, 4                         | Opp            | 98       |    |     |   |  |          | Included  | Cable                                  | 175 | 33 |
|   |                  |                                    |                |          |    |     |   |  |          |   |  |     |    |
| SH SERIES   |                  |                                    |                |          |    |     |   |  |          |   |  |     |    |
| CLUTCH SHIFT  | CS6N-S7107-E1BX  | 3, 4                               | Opp            | 39       |    |     |   |  |          | Included  | Power                                  | 300 | 57 |
|   | CS6N-S7109-E1BX  | 3, 4                               | Opp            | 49       |    |     |   |  |          | Included  | Power                                  | 275 | 52 |
|   | CS6S-U6809-E1BX  | 3                                  | Crnk           | 58       |    |     | 40TS7168                                  |  |          | Included  | Power                                  | 275 | 52 |
|   | CS6S-U6812-E1BX  | 3                                  | Crnk           | 76       |    |     | 40TS7168                                  |  |          | Included  | Power                                  | 275 | 52 |
| 1 FWD.<br>1 REV.  | RL6D-U6805-L3BX  | 5                                  | Crnk           | 36       |    | 36  | 40TS7168                                  | 23M60200S                                | 20MK6602 | Lever   | 200                                    | 38  |    |
| ADAPTER TO CHANGE ROTATION  |                  | 6                                  | 40TS7168       |          |    |     | REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX |  |          |   |  |     |    |

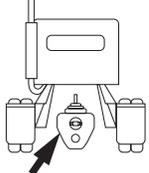
| 8-BOLT TYPE             | PTO MODEL NUMBER | FOOT NOTES | SHAFT ROTATION | ENGINE % |    |     | ADAPTER | SPACER | STUD KIT | SHIFT TYPE | INTERMITTENT RATING @ 1,000 RPM OF PTO |    |
|-------------------------|------------------|------------|----------------|----------|----|-----|---------|--------|----------|------------|--|----|
|                         |                  |            |                | HI       | LO | REV |         |        |          |            | TORQUE                                 | HP |
| SINGLE SPEED MULTI GEAR |                  |            |                |          |    |     |         |        |          |            |  |    |
| 1 FWD.<br>1 REV.        |                  |            |                |          |    |     |         |        |          |            |  |    |



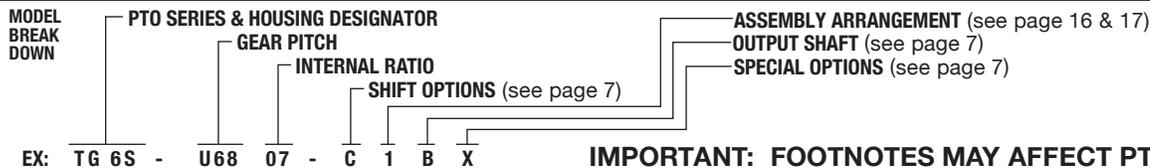
**IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 This PTO requires a Special Housing and is not available in standard kit form.
  - 2 TG Series Input Gear: #03T35540 — Refer to kit program on pages 10 & 11.
  - 3 Possible exhaust interference.
  - 4 Use "3" arrangement PTO for direct mount pump clearance.
  - 5 Do not use for continuous duty applications.
  - 6 Change PTO to Standard housing (TG6S and CS6S) and to U68 input gear (TG #03T34284). Adapter requires 23M61000 + 23M60350 + 20MK6613 to mount to transmission (included with adapter). Multiply speed shown by 1.15.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

| TREMEC TRANSMISSION (SPICER)  |                  |   |                |          |    |     |   | LEFT SIDE ONLY<br>(RIGHT SIDE TURN PAGE)   |          |            |  |    |
|---|------------------|---|----------------|----------|----|-----|---|--|----------|------------|---|----|
|  |                  | <b>ES52-7A (301451), ES52-7B (301642)</b> |                |          |    |     |   | SAE 6-BOLT OPENING   |          |            |   |    |
|   |                  |   |                |          |    |     |   | PTO DRIVE GEAR DATA:<br>34T 7.00P 17.5°PA 18° R.H.<br>LOCATION: Front PLMF: 1.411<br>PLV: 652 FPM RPM: 488 |          |            |   |    |
| 6-BOLT TYPE   | PTO MODEL NUMBER | FOOT NOTES                                | SHAFT ROTATION | ENGINE % |    |     | ADAPTER                                   | SPACER   | STUD KIT | SHIFT TYPE | INTERMITTENT RATING @ 1,000 RPM OF PTO  |    |
|   |                  |   |                | HI       | LO | REV |   |  |          |            | TORQUE  | HP |
| SINGLE GEAR   |                  |   |                |          |    |     |   |  |          |            |   |    |
| SINGLE SPEED MULTI GEAR   | TG6N-S7107-C3BX  | 1, 2, 3                                   | Opp            | 41       |    |     |   |  | Included | Cable      | 230   | 44 |
|   | TG6N-S7108-C3BX  | 1, 2, 3                                   | Opp            | 51       |    |     |   |  | Included | Cable      | 230   | 44 |
|   | TG6N-S7109-C3BX  | 1, 2, 3                                   | Opp            | 53       |    |     |   |  | Included | Cable      | 205   | 39 |
|   | TG6N-S7112-C3BH  | 1, 2, 3                                   | Opp            | 65       |    |     |   |  | Included | Cable      | 210   | 40 |
|   | TG6N-S7113-C3BH  | 1, 2, 3                                   | Opp            | 74       |    |     |   |  | Included | Cable      | 210   | 40 |
|   | TG6N-S7115-C3BH  | 1, 2, 3                                   | Opp            | 84       |    |     |   |  | Included | Cable      | 195   | 37 |
|   | TG6N-S7118-C3BH  | 1, 2, 3                                   | Opp            | 98       |    |     |   |  | Included | Cable      | 175   | 33 |
| SH SERIES   |                  |   |                |          |    |     |   |  |          |            |   |    |
| CLUTCH SHIFT  | CS6N-S7107-E3BX  | 3   | Opp            | 39       |    |     |   |  | Included | Power      | 300   | 57 |
|   | CS6N-S7109-E3BX  | 3   | Opp            | 49       |    |     |   |  | Included | Power      | 275   | 52 |
|   | CS6S-U6809-E3BX  |   | Crnk           | 58       |    |     | 40TS7168                                  |  | Included | Power      | 275   | 52 |
|   | CS6S-U6812-E3BX  |   | Crnk           | 76       |    |     | 40TS7168                                  |  | Included | Power      | 275   | 52 |
| 1 FWD.<br>1 REV.  | RL6D-U6805-L3BX  | 4   | Crnk           | 36       |    | 36  | 40TS7168                                  | 23M60200S  | 20MK6602 | Lever      | 200   | 38 |
| ADAPTER TO CHANGE ROTATION  |                  | 5   | 40TS7168       |          |    |     | REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX |  |          |            |   |    |

| 8-BOLT TYPE             | PTO MODEL NUMBER | FOOT NOTES | SHAFT ROTATION | ENGINE % |    |     | ADAPTER | SPACER | STUD KIT | SHIFT TYPE | INTERMITTENT RATING @ 1,000 RPM OF PTO |    |
|-------------------------|------------------|------------|----------------|----------|----|-----|---------|--------|----------|------------|--|----|
|                         |                  |            |                | HI       | LO | REV |         |        |          |            | TORQUE                                 | HP |
| SINGLE SPEED MULTI GEAR |                  |            |                |          |    |     |         |        |          |            |  |    |
| 1 FWD.<br>1 REV.        |                  |            |                |          |    |     |         |        |          |            |  |    |



**IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

**FOOTNOTES:**

- 1 This PTO requires a Special Housing and is not available in standard kit form.
- 2 TG Series Input Gear: #03T35540 – Refer to kit program on pages 10 & 11.
- 3 Direct mount pump interferes with transmission flange at the rear of the PTO opening. Shaft high arrangement interferes with a bulge in the case. Direct mount PKS pumps with “S” Flange on PTO may be mounted towards the front of the vehicle or use adapter listed above, note change in rotation in either case.
- 4 Do not use for continuous duty applications.
- 5 Change PTO to Standard housing (TG6S and CS6S) and to U68 input gear (TG #03T34284). Adapter requires 23M61000 + 23M60350 + 20MK6613 to mount to transmission (included with adapter). Multiply speed shown by 1.15.