

HINTS FROM AUSTIN'S MORRIS GARAGE®

This month we'll try to improve upon an article from the 25 October, 1977 Octagon Topics.

When comes the task of replacing brake hoses or brake pipes, one may find that the metal pipe nut sometimes is difficult to extract from the hose end or junction block. To remove, obtain an open end wrench just smaller than the hex of the tubing nut (or grip the hex with a pair of Vise-Grip pliers and, with a hammer, against the wrench, tap the fitting out. Before reinstalling a pipe once it has been removed, the tubing nut must be carefully filed at the opposite end of the hex where it has been expanded by its bearing against the flare of the tube. Take care to file or grind the nut evenly, and remove just enough metal to allow easy

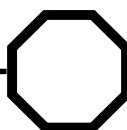
installation. You may use a brake hose for experimentation on the bench.

Lucas Electrical Components

Quite a few people have complained of receiving the wrong parts when ordering for dynamos, starters, and distributors from various suppliers. The answer is that Mr. Lucas has made many changes over the years to his products. To aid you in getting the right parts, refer to the following charts, and order accordingly. Always state the unit part number when ordering without a catalog. The tables contain the latest Lucas part numbers, and a cross-reference chart from Lucas to Moss numbers follows.

| DYNAMOS | TC | | EARLY TD | | LATE TD/TF | |
|----------------------|---------|--------|----------|----------|------------|----------|
| | Orig. # | Late # | Orig. # | Late # | Orig. # | Late # |
| Unit # | 22452 | | 22265 | G4015 | 22744 | G4015 |
| Brushes | 203148 | | 227305 | USB103 | 227541 | USB104 |
| Brush Springs | 228159 | | 228159 | | 228159 | |
| Drive End Plate | 237119 | 239012 | 227698 | | 227698 | |
| Bearing | 189308 | UTB109 | 189307 | UTB100 | 189307 | UTB100 |
| Commutator End Plate | 228195 | | 227772 | | 54211714 | |
| Bushing | 238567 | | 227818 | UTB110 | 227818 | UTB110 |
| Armature | 228203 | | 54215042 | 54218341 | 54205042 | 54218341 |
| Field Coils | 228075 | | 227291 | UVB104 | 54219374 | UVB102 |
| Oiler | 238367 | | 238367 | | 238367 | |

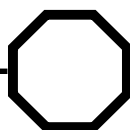
| STARTERS | TC | | EARLY TD | | INTERMEDIATE TD | | LATE TD/TF | |
|----------------------|---------|----------|----------|----------|-----------------|----------|------------|-------------------|
| | Orig. # | Late # | Orig. # | Late # | Orig. # | Late # | Orig. # | Late # |
| Unit # | 255378 | 25535 | 25022 | 25079 | 25022 | 25079 | 25022 | 25149 |
| Brushes | 255569 | TAB127 | 251108 | TAB128 | 251108 | TAB128 | 251108 | 60600056 |
| Brush Springs | 270004 | 54257221 | 255109 | 255109 | 255109 | 255109 | 255109 | |
| Drive End Plate | 255073 | | 250412 | 54253143 | 250412 | 54253143 | 250412 | 54242336 (Kit) |
| Bushing | 270038 | | 250678 | TCB126 | 255316 | TCB124 | 250678 | TCB126 |
| Commutator End Plate | 255478 | | 54259301 | 54259301 | 54259301 | 54259301 | 54259301 | 54243579 (Kit) |
| Bushing | 255491 | | 250626 | 250626 | 250626 | 250626 | 250626 | 54244773 |
| Armature | 255463 | | 54250096 | 54255043 | 54250096 | 54255043 | 54250096 | 54252038 |
| Field Coils | 255400 | | 251089 | 251089 | 251089 | 251089 | 251089 | 54255219 (Kit) |
| Drive Assy. | | | 54252195 | | 54252195 | | 54252195 | |
| Barrel & Pinion | 255649 | TLB103 | 250698 | 250698 | | 54252212 | | 54252212 |
| Main Spring | 270889 | TLB172 | 250404 | 250404 | | 250404 | | 250404 |
| Drive Jump Ring | | | | TLB193 | | TLB193 | | TLB193 |



| DISTRIBUTORS | TC & EARLY TD | | 1953 TD | | TF | |
|------------------------------------|---------------|----------|----------|----------|----------|----------|
| | Orig. # | Late # | Orig. # | Late # | Orig. # | Late # |
| Unit # | 40162 | 40367 | 40368 | 40367 | 40367 | |
| Point Set | 407050 | DSB122 | 407050 | DSB122 | 407050 | DSB122 |
| Base Plate with Condenser | 409613 | DCB108 | 60410174 | DCB110 | 60410174 | DCB110 |
| Base Plate with Points & Condenser | 409614 | 54411507 | 418886 | 54411507 | 409614 | 54411507 |
| Cap | 418888 | 421324 | 421324 | DDB111 | 421324 | DDB111 |
| Rotor | 400051 | DRB101 | 400051 | DRB101 | 400051 | DRB101 |
| Shaft & Action Plate | 409579 | 409651 | 420670 | | 420172 | 407267 |
| Weights | 400149 | | 418321 | | 418321 | |
| Springs | 404598 | | 420756 | | 407267 | 421538 |
| Toggles | 400041 | 418706 | 418707 | 418706 | 418707 | 418706 |
| Cam (High-Lift) | 420588 | | 420588 | | 420588 | |
| Upper Bushing | 404374 | 410590 | | | | |
| Lower Bushing | 410590 | | | | | |
| One-Piece Bushing | | 419430 | 420064 | 419430 | 419430 | |
| Sundries Kit | 400843 | | 400843 | | 400843 | |

| LUCAS # | MOSS # |
|---------|--------------------------------|
| 22265 | 140-300 |
| 22452 | Use 140-300 |
| 22744 | 140-300 |
| 25022 | 140-400 |
| 25079 | 140-400 |
| 25149 | 140-400 |
| 25535 | Use 140-400 + 190020 Ring Gear |
| 40162 | 143-000 |
| 40367 | 143-000 |
| 40368 | 143-000 |
| 189307 | 125-200 |
| 189308 | 125-100 |
| 203148 | 147-100 |
| 227291 | |
| 227305 | 147-200 |
| 227541 | 147-250 |
| 227698 | 148-100 |
| 227772 | |
| 227818 | 147-600 |
| 228075 | 150-150 |
| 228159 | 147-700 |
| 228195 | |
| 228203 | |
| 237119 | 148-100 |

| LUCAS # | MOSS # |
|---------|-------------|
| 238367 | 147-900 |
| 238567 | 148-000 |
| 239012 | 148-100 |
| 250404 | 148-200 |
| 250412 | 148-300 |
| 250626 | 148-500 |
| 250678 | 148-600 |
| 250698 | 148-800 |
| 251089 | |
| 251108 | 147-200 |
| 255073 | 149-200 |
| 255109 | 149-100 |
| 255378 | Use 140-300 |
| 255400 | |
| 255463 | 163-000 |
| 255478 | |
| 255491 | 149-400 |
| 255649 | 149-500 |
| 255659 | 149-600 |
| 270004 | 150-200 |
| 270038 | 150-300 |
| 270889 | 150-400 |
| 400051 | 151-800 |
| 400141 | |
| 400149 | |



| LUCAS # | MOSS # |
|----------|---------------|
| 400843 | |
| 404374 | 168-008 (Set) |
| 404598 | 152-300 |
| 407050 | 152-200 |
| 407267 | 152-300 |
| 409579 | |
| 409613 | |
| 409614 | 163-700 |
| 409651 | |
| 410590 | 168-108 (Set) |
| 418321 | 152-700 |
| 418706 | |
| 418707 | |
| 418886 | |
| 418888 | 153-000 |
| 419430 | 153-100 |
| 420064 | 153-100 |
| 420467 | |
| 420588 | 153-200 |
| 420670 | |
| 420756 | 152-300 |
| 421324 | 153-000 |
| 54211714 | |
| 54215042 | 162-600 |
| 54218341 | 162-600 |
| 54242336 | 148-300 |
| 54243579 | 163-300 |
| 54244773 | 148-500 |
| 54250096 | 163-100 |

| LUCAS # | MOSS # |
|----------|-----------------------|
| 54252038 | 163-100 |
| 54252195 | 163-200 |
| 54253143 | 148-300 |
| 54255043 | 163-100 |
| 54255219 | |
| 54257221 | 149-600 |
| 54259301 | 163-300 |
| 60410174 | 163-900 |
| 60600056 | 149-000 |
| DCB108 | 163-700 |
| DCB110 | 163-900 |
| DDB111 | 153-000 |
| DRB101 | 151-800 |
| DSB122 | 152-200 |
| G4015 | 140-300 |
| TAB127 | |
| TAB128 | 149-600 |
| TCB126 | 148-600 |
| TLB103 | 149-900 (Drive Assy.) |
| TLB172 | 150-400 |
| TLB193 | |
| USB103 | 149-000 |
| USB104 | 149-000 |
| UTB100 | 125-100 |
| UTB109 | 125-200 |
| UTB110 | 147-600 |
| UVB102 | |
| UVB104 | |

That's all for this month. Regards, Jerry Austin

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