
Alvis Parts Specification Lists

List No.: **336**

Component: **Gear Box**

Type: **FA 8/15**

Component: Gear Box

Type : FA 8/15

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| Drawing No. | Description | No. | Material | Specification | Remarks | |
|--------------------|--------------------------------|-----|-------------------|---------------|---------------------------|--|
| N7832 | Clutch Pit and Gear Box | 1 | Aluminium | Casting | Patt. No. N7832 | |
| 5 - 5/16" - 1 3/8" | Stud for above to Crankcase | | | | | Cancelled. See page 18. |
| 5 - 5/16" - 7/8" | Stud for above to Crankcase | | | | | Cancelled. See page 18. |
| N6312 | Bolt for above to Crankcase | | Nic. Chrome Bar | Hex Bar | .520"/.525" x 4 1/8" long | Cancelled by N8486 & N8488 on page 18. |
| 1 - 5/16" | Nut for above Bolt and Studs | 13 | | | | |
| 5/16" dia | Spring Washer | 13 | | | | |
| N7912 | Side Cover for Diff. Box | 1 | Aluminium | Casting | Patt. No. N6064 | |
| 5* - 5/16" - 5/8" | Stud for Side Cover | 12 | | | | |
| 1 - 5/16" | Nut for above Stud | 12 | | | | |
| 5/16" dia | Spring Washer | 12 | | | | |
| N7833 | Housing for Gear Box Bearings | 1 | Aluminium | Casting | Patt. No. N7833 | |
| 5 - 5/16" - 3/4" | Stud for above Housing | 4 | | | | |
| 5 - 5/16" - 2 1/4" | Stud for above Housing | 2 | | | | |
| 1 - 5/16" | Nut for above Studs | 6 | | | | |
| 5/16" dia | Spring Washer | 6 | | | | |
| N2753 | Locating Peg for above Housing | 1 | Bright Bolt Steel | Bar | 5/16" dia x 1 5/16" long | |

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| Drawing No. | Description | No. | Material | Specification | | Remarks |
|--------------------|-----------------------------|-----|-----------------|---------------|-----------------------------|---------------------|
| N7841 | End Cover for Gear Box | | Aluminium | Casting | Patt. No. N7841 | Cancelled by N8481 |
| 5 - 5/16" - 3/4" | Stud for End Cover | 4 | | | | |
| 5 - 5/16" - 2 5/8" | Stud for Cover and Housing | 2 | | | | |
| | Dome Nut for above Studs | 6 | | | 5/16" B.S.F. | B.O. |
| 5/16" dia | Spring Washer | 6 | | | | |
| N7834 | Bottom Cover for Gear Box | 1 | Aluminium | Casting | Patt. No. N7834 | |
| 5* - 1/4" - 1/2" | Stud for Bottom Cover | 10 | | | | |
| 1 - 1/4" | Nut for above Stud | 10 | | | | |
| 1/4" dia | Spring Washer | 10 | | | | |
| | Drain Plug for Gear Box | 1 | Brass | | 3/8" Gas Roth. No. 3 | B.O. |
| | Drain Plug for Diff. Box | 1 | Brass | | 1/4" Gas Roth. No. 2 | B.O. |
| N7835 | Filling Cover on Gear Box | 1 | Aluminium Sheet | Pressing | 3 1/4" x 3 1/4" x 14 S.W.G. | |
| 5* - 1/4" - 7/16" | Stud for Filling Cover | 3 | | | | |
| 1 - 1/4" | Nut for above Stud | 3 | | | | |
| 1/4" dia | Spring Washer | 3 | | | | |
| N8481 | End Cover for Gear Box | 1 | Aluminium | Casting | Patt. No. N7841 | This replaces N7841 |
| N8459 | Distance Piece for Gear Box | 1 | Aluminium | Casting | Patt. No. N8459 | |

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| Drawing No. | Description | No. | Material | Specification | Remarks | |
|-------------------|-------------------------------|-----|-------------------|---------------|---------------------------------------|--------------------------------------|
| N8109 | Bevel Pinion for Speedo Drive | 1 | Med. Car. Steel | Bar | 2 1/4" dia x 2 3/4" long | B.O. For production models only |
| N6978 | Nut for Speedometer Pinion | 2 | Bright Bolt Steel | Hex Bar | 1.002"/1.010" x 3/8" long | |
| N6983 | Tap Washer for above Nut | 1 | Mild Sheet | Pressing | 1 1/4" wide x 21 S.W.G. x 1 3/8" long | |
| N7843 | Bearing for Speedo Pinion | 1 | Phos. Bronze | Casting | Patt. No. N7843 | |
| 9 - 2 B.A. - 5/8" | C/sk. Screw for Bearing | 3 | | | | |
| N6981 | Shim for Pinion Bearing | 3 | Brass Sheet | Pressing | 3 1/4" x 3 1/4" x 42 S.W.G. | No. per set to be arranged by Fitter |
| N6980 | Cover for Speedometer Drive | | Aluminium | Casting | Patt. No. N6980 | Cancelled by N8398 |
| 5 - 1/4" - 3/4" | Stud for Cover and Bearing | 3 | | | | |
| 1 - 1/4" | Nut for above Stud | 3 | | | | |
| 1/4" dia | Spring Washer | 3 | | | | |
| 4 - 2 B.A. - 1" | Bolt for above Cover | 1 | | | | |
| 1 - 2 B.A. | Nut for above Bolt | 1 | | | | |
| 3/16" dia | Spring Washer | 1 | | | | |
| N8398 | Cover for Speedometer Drive | 1 | Aluminium | Casting | Patt. No. N8398 | This replaces N6980 |

| Drawing No. | Description | No. | Material | Specification | Remarks | |
|-------------------|--------------------------------|-----|-------------------------|---------------|------------------------------|---------------------|
| N7911 | Main Shaft | 1 | Nic. Chrome Bar | Bar | 1 3/4" dia x 24 1/4" long | |
| | Ball Bearing for Main Shaft | 1 | | | 35 x 72 x 17 Hoffman No. 135 | B.O. |
| N6078 | Housing for Main Shaft Bearing | 1 | Mild Steel | Stamping | Die No. N6078 | |
| N6086 | Cover for above Housing | 1 | Mild Steel | Stamping | Die No. N6086 | |
| 5* - 1/4" - 1/2" | Stud for Housing and Cover | 4 | | | | |
| 1 - 1/4" | Nut for above Stud | 4 | | | | |
| 1/4" dia | Spring Washer | 4 | | | | |
| N6085 | Cork Washer for above Housing | 1 | Cork | | | B.O. |
| N7946 | Dust Cover for Ball Bearing | 1 | Double Seam Sheet Steel | Pressing | 20 S.W.G. | |
| N7947 | Washer for Main Shaft | 1 | Bright Mild Bar | Bar | 1 3/4" dia x 3/8" long | |
| N7948 | Centre Piece for Clutch Disc | | Med. Car. Steel | Stamping | Die No. N7948 | Cancelled by N8458 |
| N6235 | Nut for Centre Piece | 2 | Bright Bolt Steel | Hex Bar | 1.192"/1.200" x 3/8" long | |
| N6236 | Tab Washer for above Nut | 1 | Mild Sheet | Pressing | 16 S.W.G. | |
| N6081 | Oil Thrower for Centre Piece | 1 | Double Seam Sheet Steel | Pressing | 21 S.W.G. | |
| 6 - 2 B.A. - 3/8" | Set Screw for Oil Thrower | 6 | | | | |
| 3/16" dia | Spring Washer | 6 | | | | |
| N8458 | Centre Piece for Clutch Disc | 1 | Poldi Boz | Bar | 3 5/8" dia x 3" long | This replaces N7948 |

| Drawing No. | Description | No. | Material | Specification | Remarks |
|-------------------|--------------------------------------|-----|-------------------|---|---------------------------------|
| N7949 | Distance Piece on Main Shaft | 1 | Mild Tube Hard | Tube 1 3/8" o/dia x 11 S.W.G. x 9 1/4" long | |
| N8086 | Washer for Main Shaft | 1 | Bright Mild Bar | Bar 1 3/4" dia x 3/8" long | |
| | Ball Bearing for Main Shaft (centre) | 1 | | 35 x 72 x 17 Hoffman No. 135 | B.O. |
| N7836 | Centre Housing for Main Shaft | 1 | Mild Tube Hard | Tube 3 1/4" o/dia x 1 S.W.G. x 1 1/8" long | |
| N7837 | Retaining Screw for Centre Bearing | 1 | Bright Bolt Steel | Bar 9/16" dia x 7/8" long | |
| 6 - 1/4" - 1 1/8" | Set Screw for Centre Bearing | 1 | | | Head to be reduced to 3mm thick |
| 1 - 1/4" | Nut for above Screw | 1 | | | |
| 1/4" dia | Spring Washer | 2 | | | |
| | Ball Bearing for Main Shaft | 1 | | 35 x 80 x 21 Hoffman No. 335 | B.O. |
| N7919 | Housing for Main Shaft Ball Bearing | 1 | Mild Steel | Stamping Die No. N7919 | |
| N7920 | Retaining Plate for above Bearing | 1 | Mild Sheet | Pressing 10 S.W.G. | B.O. |
| 5 - 5/16" - 3/4" | Stud for Housing and Plate | 4 | | | |
| 1 - 5/16" | Nut for above Stud | 4 | | | |
| 5/16" dia | Spring Washer | 4 | | | |

| Drawing No. | Description | No. | Material | Specification | Remarks |
|-------------------|--------------------------------------|-----|-------------------|--|---------------------------------|
| N8102 | Nut for Main Shaft | 2 | Bright Bolt Steel | Hex Bar 1.382"/1.390" x 1/2" long | |
| N7921 | Washer for Main Shaft | 1 | Bright Mild Bar | Bar 2 3/8" dia x 3/8" long | |
| N8108 | Bevel Pinion and Lay Shaft | 1 | | | B.O. For production models only |
| | Roller Bearing for Lay Shaft | 1 | | 35 x 80 x 21 Hoffman R335 | B.O. |
| N7838 | Housing for Lay Shaft Roller Bearing | 1 | Mild Tube Hard | Tube 3 1/2" o/dia x 1 S.W.G. x 1 1/8" long | |
| N7839 | Retaining Plate for above | 1 | Mild Sheet | Pressing 18 S.W.G. | |
| 4* - 1/4" - 7/16" | Stud for Retaining Plate | 4 | | | |
| 1 - 1/4" | Nut for above Stud | 4 | | | |
| N7902 | Retaining Ring for Lay Shaft Bearing | 1 | Car. Coil Spring | | B.O. |
| | Bearing for Lay Shaft | 2 | | 1" x 2 1/2" x 3/4" Auto "Dual" No. 204 | B.O. |
| N7844 | Housing for Dual Bearings | 1 | Mild Steel | Stamping Die No. N7844 | |
| N7846 | End Cover for above Bearings | 1 | Mild Steel | Stamping Die No. N7846 | |
| N7942 | Shim for Lay Shaft Bearing | 1 | Brass Sheet | Pressing 4 1/4" wide x 3 7/8" long x 20 S.W.G. | |
| N7900 | Shim for Lay Shaft Bearing | 3 | Brass Sheet | Pressing 4 1/4" wide x 3 7/8" long x 33 S.W.G. | |
| N7901 | Shim for Lay Shaft Bearing | 3 | Brass Sheet | Pressing 4 1/4" wide x 3 7/8" long x 42 S.W.G. | |

| Drawing No. | Description | No. | Material | Specification | Remarks | |
|------------------|----------------------------------|-----|--------------------|---------------|----------------------------|-------------------------------------|
| 5 - 5/16" - 3/4" | Stud for Lay Shaft Housing | 5 | | | | |
| 1 - 5/16" | Nut for above Stud | 5 | | | | |
| 5/16" dia | Spring Washer | 5 | | | | |
| N7847 | Small Bearing Cover on Lay Shaft | 1 | Bright Mild Bar | Bar | 2 1/8" dia x 3/8" long | |
| N7848 | Large Bearing Cover on Lay Shaft | 1 | Bright Mild Bar | Bar | 2 1/8" dia x 5/8" long | |
| | Nut for Lay Shaft | 1 | | | As 2 - 7/8" but 1/2" thick | |
| | Plain Washer 7/8" dia | 1 | | | 1 1/2" dia x 1/8" thick | |
| 5/32" dia | Split Pin | 1 | Steel | | 5/32" dia x 1 5/8" long | |
| N7903 | 4th Speed Wheel on Main Shaft | 1 | 5% Nic. C.H. Steel | Stamping | Die No. N7903 | For alternative wheels see page 20. |
| N7904 | 3rd Speed Wheel on Main Shaft | 1 | 5% Nic. C.H. Steel | Stamping | Die No. N7904 | |
| N7905 | 2nd Speed Wheel on Main Shaft | 1 | 5% Nic. C.H. Steel | Stamping | Die No. N7905 | |
| N7906 | 1st Speed Wheel on Main Shaft | 1 | 5% Nic. C.H. Steel | Stamping | Die No. N7906 | |
| N7907 | 4th Speed Sliding Wheel | 1 | 5% Nic. C.H. Steel | Stamping | Die No. N7907 | For alternative wheels see page 20. |
| N7908 | 3rd Speed Sliding Wheel | 1 | 5% Nic. C.H. Steel | Stamping | Die No. N7908 | |
| N7909 | 2nd Speed Sliding Wheel | 1 | 5% Nic. C.H. Steel | Stamping | Die No. N7909 | |
| N7910 | 1st Speed Sliding Wheel | 1 | 5% Nic. C.H. Steel | Stamping | Die No. N7910 | |
| N7914 | Reverse Sliding Wheels | 1 | 5% Nic. C.H. Steel | Stamping | Die No. N7914 | |

| Drawing No. | Description | No. | Material | Specification | Remarks |
|-------------|-----------------------------------|-----|----------------------|---|--------------------------------------|
| N7915 | Distance Piece on Main shaft | 1 | Mild Tube Hard | Tube 1 5/16" o/dia x 10 S.W.G. x 1 7/8" long | |
| N7916 | Distance Piece on Main shaft | 1 | Mild Tube Hard | Tube 1 5/8" o/dia x 10 S.W.G. x 1 3/4" long | |
| N7917 | Distance Washer for Main shaft | 1 | Bright Mild Bar | Bar 1 3/4" dia x 3/8" long | |
| N7913 | Coupling for Sliding Gears | 2 | Man. C.H. Bright Bar | Bar 2 1/2" dia x 7/8" long | |
| N7918 | Reverse Shaft | 1 | Man. C.H. Steel | Bar 7/8" dia x 9" long | |
| 2 - 3/8" | Nut for Reverse Shaft | 1 | | | |
| 28-18 | Plain Washer 3/8" dia | 1 | | 7/8" dia x 3/32" thick | |
| 1/16" dia | Split Pin | 1 | Steel | 1/16" dia x 3/4" long | |
| N6115 | Bush for Reverse Wheels | 1 | Phos. Bronze | Cast Bar 1 1/8" dia x 3 1/2" long | |
| N8248 | Bush for Reverse Shaft | 1 | Aluminium | Cast Bar 1 1/4" dia x 1 3/8" long | |
| N6837 | Locating Plunger for Shifting Rod | 3 | Man. C.H. Steel | Bar 7/16" dia x 1 3/8" long | |
| N4724 | Set Screw for Plunger | 3 | Bright Bolt Steel | Hex Bar 0.595"/0.600" x 1" long | |
| N6838 | Spring for Plunger | 3 | Car. Coil Spring | | B.O. |
| N6839 | Adjusting Washer for Set Screw | 6 | Bright Bolt Steel | Bar 5/8" dia x 3/16" long | No. per set to be arranged by Fitter |
| N8496 | Shim for Gear Coupling | 2 | Pen Steel | Pressing 33 S.W.G. | |

| Drawing No. | Description | No. | Material | Specification | Remarks | |
|-------------|---------------------------------|-----|------------------------|------------------------------|---------------------------------|--------------------------------|
| | Thrust Bearing on Main Shaft | 1 | | 35 x 65 x 16 S.M.G. No. 7207 | B.O. | |
| N7924 | Sleeve for Thrust Bearing | 1 | Man. C.H. Steel | Bar | 3" dia x 1 1/2" long | |
| N6096 | Key for Sleeve | 1 | Man. C.H. Steel | Bar | 1 1/2" x 1/4" x 3/4" long | |
| N6133 | Spring Ring for Sleeve | 1 | Car. Coil Spring | | | B.O. |
| N7937 | Outer Clutch Stop Housing | 1 | Mild Sheet | Pressing | 17 S.W.G. | B.O. |
| N7938 | Inner Clutch Stop Housing | 1 | Mild Sheet | Pressing | 17 S.W.G. | B.O. |
| N7939 | Lining for Clutch Stop | 1 | Ferodo Bonded Asbestos | Die Pressing | 1/8" thick | B.O. |
| | Rivet for Clutch Stop Lining | 6 | Aluminium | | C/sk Head, 1/8" dia x 3/8" long | |
| N7940 | Clutch Stop Spring | 1 | Car. Coil Spring | | | B.O. |
| N6094 | Thrust Bearing Retaining Washer | 1 | Man. C.H. Steel | Bar | 1 3/4" dia x 1/2" long | |
| N7925 | 1st & 2nd Speeds Gear Fork | 1 | Man. C.H. Steel | Stamping | Die No. N7925 | |
| N7926 | 3rd & 4th Speeds Gear Fork | 1 | Man. C.H. Steel | Stamping | Die No. N7926 | |
| N7927 | Reverse Gear Fork | 1 | Man. C.H. Steel | Stamping | Die No. N7927 | |
| | Taper Pin for Gear Forks | | Steel | | No.3 x 1 1/4" long | Cancelled by N8462 on page 17. |
| N7928 | Reverse Shifting Rod | 1 | Man. C.H. Steel | Stamping | Die No. N7928 | |
| N7929 | 1st & 2nd Speeds Shifting Rod | 1 | Man. C.H. Steel | Stamping | Die No. N7928 | |
| N7930 | 3rd & 4th Speeds Shifting Rod | 1 | Man. C.H. Steel | Stamping | Die No. N7928 | |

| Drawing No. | Description | No. | Material | Specification | | Remarks |
|--------------------|---|-----|-------------------|---------------|---------------------------------------|---|
| N7944 | Clutch Operating Rod (top) | 1 | Man. C.H. Steel | Bar | 3/8" dia x 22 1/2" long | |
| N7931 | Clutch Operating Fork | | Med. Car. Steel | Stamping | Die No. N7931 | Cancelled by N8451 |
| N7932 | Bracket for Clutch Operating Fork | 1 | Phos. Bronze | Casting | Patt. No. N7932 | |
| 4 - 5/16" - 1 1/8" | Bolt for above Bracket | 2 | | | | |
| 1 - 5/16" | Nut for above Bolt | 2 | | | | |
| 5/16" dia | Spring Washer | 2 | | | | |
| N7933 | Pivot Pin for Clutch Operating Fork | 1 | Phos. Bronze | Cast Bar | 3/4" dia x 2 3/8" long | |
| 28-26 | Plain Washer 1/2" dia | 1 | | | 1 1/8" dia x 1/16" thick | |
| 3/32" dia | Split Pin | 1 | Steel | | 3/32" dia x 1" long | |
| N8451 | Clutch Operating Fork | 1 | Med. Car. Steel | Stamping | Die No. N8451 | First sets to be forged. This replaces N7931. |
| N7945 | Clutch Operating Rod (bottom) | 1 | Man. C.H. Steel | Bar | 3/8" dia x 19 3/8" long | |
| N7934 | Bush for Clutch Operating Rod | 1 | Phos. Bronze | Cast Bar | 3/4" dia x 2 3/8" long | |
| N7935 | Grub Screw for above Bush | 2 | Bright Bolt Steel | Bar | 1/4" dia x 5/8" long | |
| N7936 | Clutch Operating Lever | | Med. Car. Steel | Stamping | Die No. N7936 | Cancelled by N8450 |
| N8312 | Bush for Clutch Operating Rod | 1 | Phos. Bronze | Cast Bar | 3/4" dia x 2 3/8" long | |
| N8311 | Distance Piece for Clutch Operating Rod | 1 | Mild Tube Hard | Tube | 7/16" o/dia x 25 S.W.G. x 7 1/2" long | |
| N8450 | Clutch Operating Lever | 1 | Med. Car. Steel | Stamping | Die No. N8450 | First sets to be forged. This replaces N7936. |

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| Drawing No. | Description | No. | Material | Specification | | Remarks |
|--------------------|--------------------------------------|------------|-------------------|----------------------|--------------------------|---|
| N7941 | Bracket for Clutch Operating Lever | 1 | Mild Steel | Stamping | Die No. N7941 | First sets to be forged. |
| 4 - 1/2" - 1 3/4" | Bolt for above Bracket | | | | | Cancelled by N8274 |
| 1 - 1/2" | Nut for above Bolt | 1 | | | | |
| 1/2" dia | Spring Washer | 1 | | | | |
| N7943 | Pivot Pin for Clutch Operating Lever | 1 | Phos. Bronze | Cast Bar | 3/4" dia x 1 1/2" long | |
| 28-26 | Plain Washer 1/2" dia | 1 | | | 1 1/8" dia x 1/16" thick | |
| 3/32" dia | Split Pin | 1 | Steel | | 3/32" dia x 1" long | |
| N8274 | C/sk. Bolt for above Bracket | 1 | Bright Bolt Steel | Bar | 7/8" dia x 2" long | Replaces 4- 1/2" - 1 3/4" Bolt on this page |
| N8249 | Bush for Shifting Rod Plunger | | Phos. Bronze | Cast Bar | 7/8" dia x 2 1/2" long | Cancelled by N8333-4 on page 17. |
| N8304 | Grub Screw for above Bush | | Bright Bolt Steel | Bar | 1/4" dia x 1/2" long | Cancelled. |
| N8223 | Bush for Gear Shifting Rod (short) | 1 | Phos. Bronze | Cast Bar | 1" dia x 2 5/8" long | |
| N8224 | Bush for Gear Shifting Rod (long) | 2 | Phos. Bronze | Cast Bar | 1" dia x 3 5/8" long | |

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| Drawing No. | Description | No. | Material | Specification | | Remarks |
|------------------|-------------------------------------|-----|----------------------------|---------------|-------------------------|---------|
| N8015 | Change Speed Gate | 1 | Gunmetal | Casting | Patt. No. N8015 | |
| N8016 | Housing for Change Speed Gate | 1 | Aluminium | Casting | Patt. No. N8016 | |
| 4 - 5/16" - 3/4" | Bolt for Change Speed Gate | 3 | | | | |
| 4 - 5/16" - 1" | Bolt for Gate and Housing | 4 | | | | |
| 1 - 5/16" | Nut for above Bolts | 7 | | | | |
| 5/16" dia | Spring Washer | 7 | | | | |
| N6848 | Cover for Change Speed Housing | 1 | Aluminium | Casting | Patt. No. N6848 | |
| 5 - 1/4" - 5/8" | Stud for Cover | 4 | | | | |
| 1 - 1/4" | Nut for above Stud | 4 | | | | |
| 1/4" dia | Spring Washer | 4 | | | | |
| N6891 | Change Speed Lever | 1 | Med. Car. Steel | Stamping | Die No. N6891 | |
| N6897 | Dowel for Change Speed Lever | 2 | Bright Bolt Steel | Bar | 5/16" dia x 5/8" long | |
| N6892 | Ball for Change Speed Lever | 1 | Ebonite on Steel Centre | | | B.O. |
| N6895 | Bottom Collar on Change Speed Lever | 1 | Bright Bolt Steel | Bar | 1 3/16" dia x 1/2" long | |
| N6894 | Top Collar on Change Speed Lever | 1 | Gunmetal | Casting | Patt. No. N6894 | |
| N6896 | Rod for Reverse Stop | 2 | Bright Bolt Steel | Bar | 3/16" dia x 9 7/8" long | |
| N6893 | Reverse Stop Spring | 1 | Car. Coil Spring | | | B.O. |

| Drawing No. | Description | No. | Material | Specification | | Remarks |
|-------------------|--|-----|-------------------|---------------|-------------------------|---------|
| N8012 | Guide Block for Change Speed Tube (Front) | 1 | Aluminium | Casting | Patt. No. N8012 | |
| N8105 | Stud for Front Guide Block (long) | 2 | Bright Bolt Steel | Bar | 5/16" dia x 3 5/8" long | |
| N8106 | Stud for Front Guide Block (short) | 1 | Bright Bolt Steel | Bar | 5/16" dia x 3 1/4" long | |
| 1 - 1/4" | Nut for above Studs | 3 | | | | |
| 1/4" dia | Spring Washer | 3 | | | | |
| N8014 | Guide Block for Change Speed Tube (rear) | 1 | Aluminium | Casting | Patt. No. N8014 | |
| N8103 | Stud for Rear Guide Block (long) | 2 | Bright Bolt Steel | Bar | 5/16" dia x 4 5/8" long | |
| N8104 | Stud for Rear Guide Block (short) | 1 | Bright Bolt Steel | Bar | 5/16" dia x 4 3/8" long | |
| 1 - 1/4" | Nut for above Studs | 3 | | | | |
| 1/4" dia | Spring Washer | 3 | | | | |
| N8013 | Cap for Guide Block | 2 | Aluminium | Casting | Patt. No. N8013 | |
| 5 - 1/4" - 1 1/8" | Stud for Guide Block Cap | 2 | | | | |
| 1 - 1/4" | Nut for above Stud | 2 | | | | |
| 1/4" dia | Spring Washer | 2 | | | | |

| Drawing No. | Description | No. | Material | Specification | Remarks |
|-------------|--------------------------------|-----|---------------------|---|---------|
| N7006 | End Cover for Guide Block | 2 | Alum. Sheet | Pressing 2 1/4" wide x 10 S.W.G. x 2 1/4" long | |
| N8336 | Change Speed Operating Tube | 1 | Med. Car. Tube Hard | Tube 1" o/dia x 10 S.W.G. x 60 3/8" long | |
| N6928 | Inner Sleeve for Guide Bearing | 2 | Man. C.H. Steel | Tube 1 1/4" o/dia x 9 S.W.G. x 7 1/4" long | |
| | Taper Pin for above Sleeve | 2 | Steel | No.2 x 1 3/8" long | |
| N6927 | Outer Sleeve for Guide Bearing | 2 | Man. C.H. Steel | Tube 2" o/dia x 7 S.W.G. x 3" long | |
| N6929 | Cage for Guide Bearing | 2 | Phos. Bronze | Cast Bar 1 3/4" dia x 5/8" long | |
| | Ball for Guide Bearing | 24 | Steel | Hoffman 1/4" dia | B.O. |
| N6808 | Change Speed Operating Lever | 1 | Man. C.H. Steel | Stamping Die No. N6808 | |
| | Taper Pin for above Lever | 1 | Steel | No.4 x 1 1/2" long | |
| N6890 | Change Speed Fork | 1 | Man. C.H. Steel | Stamping Die No. N6890 | |
| | Key for above Fork | 1 | Key Steel | 1/4" x 1/4" x 1" long | |
| | Taper Pin for above Fork | 1 | Steel | No.4 x 1 1/2" long | |
| N6809 | Caliper Piece for Change Speed | 1 | Med. Car. Steel | Stamping Die No. N6809 | |
| N6811 | Bolt for Caliper Piece | 1 | Bright Bolt Steel | Bar 5/8" dia x 2 1/2" long | |
| 3/32" dia | Split Pin | 1 | Steel | 3/32" dia x 1" long | |

| Drawing No. | Description | No. | Material | Specification | Remarks |
|-------------|-------------------------------------|-----|-------------------|---------------------------------------|---------------------------------------|
| N8066 | 1st & 2nd Gear Shift Lever | | Man. C.H. Steel | Stamping Die No. N8066 | Cancelled by N8453 on page 17. |
| N8067 | 3rd & 4th Gear Shift Lever | | Man. C.H. Steel | Stamping Die No. N8067 | Cancelled by N8454 on page 17. |
| N8068 | Reverse Gear Shift Lever | | Man. C.H. Steel | Stamping Die No. N8068 | Cancelled by N8452 on page 17. |
| N8069 | Pivot Pin for Shifting Levers | 1 | Man. C.H. Steel | Bar 1 1/4" dia x 4 1/2" long | |
| 2 - 9/16" | Nut for Pivot Pin | 1 | | | |
| 28-29 | Plain Washer 9/16" dia | 1 | | 1 1/8" dia x 3/32" thick | |
| 1/8" dia | Split Pin | 1 | Steel | 1/8" dia x 1 1/4" long | |
| N6833 | Distance Washer for Shifting Levers | 3 | Man. C.H. Steel | Bar 1 5/16" dia x 1/4" long | |
| N8089 | Oil Retainer for Shifting Rods | | Rubber | Moulding | B.O. Cancelled by N8314-5 on page 17. |
| N8090 | Cap for Starting Handle | 1 | Aluminium | Cast Bar 1 3/4" dia x 1/2" long | |
| N8091 | Spring for Starting Handle Cap | 1 | Car. Strip Spring | 5/16" wide x 20 S.W.G. x 1 7/16" long | |
| | Rivet for above Spring | 1 | Steel | Round Head 1/8" dia x 3/8" long | |
| N8092 | Stud for Starting Handle Cap | 1 | Bright Bolt Steel | Bar 5/16" dia x 1 5/8" long | |
| 1 - 2 B.A. | Nut for above Stud | 1 | | | |
| 3/16" dia | Spring Washer | 1 | | | |

| Drawing No. | Description | No. | Material | Specification | Remarks |
|-------------------|------------------------------|-----|-------------------|---|--|
| N8096 | Gear Box Support Plate | 1 | Car. Frame Sheet | Pressing 4" wide x 8 S.W.G. x 7 3/4" long | B.O. |
| 4 - 1/2" - 1 1/4" | Bolt for Support Plate | | | | Cancelled by N8273. |
| 1 - 1/2" | Nut for above Bolt | 3 | | | |
| 1/2" dia | Spring Washer | 3 | | | |
| N8093 | Rubber Pad for Gear Box | 1 | Hard Rubber | Moulding | B.O. |
| N8095 | Retaining Bolt for Gear Box | 1 | Bright Mild Bar | Bar | 1 15/16" dia x 2 1/2" long |
| 2 - 5/8" | Nut for above Bolt | 1 | | | |
| 28-31 | Plain Washer 5/8" dia | | | 1 1/4" dia x 1/8" thick | Cancelled by N8272. |
| 1/8" dia | Split Pin | 1 | Steel | 1/8" dia x 1 3/8" long | |
| 6 - 1/4" - 1/2" | Set Screw for Retaining Bolt | 1 | | | |
| 1/4" dia | Spring Washer | 1 | | | |
| N4475 | Rubber Pad for Gear Box | 1 | Hard Rubber | Moulding | B.O. |
| N8094 | Cup for Rubber Pad | 1 | Mild Sheet | Pressing | 16 S.W.G. B.O. |
| N8272 | Washer for Retaining Bolt | 1 | Bright Bolt Steel | Bar | 1 1/2" dia x 1/4" long Replaces washer 28-31 on this page. |
| | Rivet for above Cup | 4 | Steel | C/sk head 1/16" dia x 3/8" long | |
| N8273 | C/sk Bolt for Support Plate | 3 | Bright Bolt Steel | Bar | 7/8" dia x 1 1/2" long Replaces 4 - 1/2" - 1 1/4" Bolt on this page |

| Drawing No. | Description | No. | Material | Specification | | Remarks |
|-------------------|---|-----|-----------------|---------------|--------------------------|--|
| N8334 | Bush for Shifting Rod Plunger (forward) | 2 | Phos. Bronze | Cast Bar | 1 3/4" dia x 2 3/4" long | Replaces N8249 on page 11. |
| N8333 | Bush for Shifting Rod Plunger (reverse) | 1 | Phos. Bronze | Cast Bar | 1 3/4" dia x 2 3/4" long | Replaces N8249 on page 11. |
| 5* - 1/4" - 1/2" | Stud for above Bushes | 3 | | | | One end to be shortened. |
| 1 - 1/4" | Nut for above Stud | 3 | | | | |
| 1/4" dia | Spring Washer | 3 | | | | |
| N8315 | Oil Retainer for Shifting Rods | | Hard White Felt | Pressing | | B.O. Cancelled by Leather Glands, etc., on page 19. |
| N8314 | Cup for Oil Retainer | | Mild Sheet | Pressing | 21 S.W.G. | Cancelled by Leather Glands, etc., on page 19. |
| 5 - 2 B.A. - 3/4" | Stud for Oil Retainer | | | | | Cancelled by Leather Glands, etc., on page 19. |
| 1 - 2 B.A. | Nut for above Stud | | | | | Cancelled by Leather Glands, etc., on page 19. |
| 3/16" dia | Spring Washer | | | | | Cancelled by Leather Glands, etc., on page 19. |
| N8452 | Reverse Gear Shift Lever | 1 | Man. C.H. Steel | Stamping | Die No. N8452 | This replaces N8068 on page 15. First sets to be forged. |
| N8453 | 1st & 2nd Gear Shift Lever | 1 | Man. C.H. Steel | Stamping | Die No. N8453 | This replaces N8066 on page 15. First sets to be forged. |
| N8454 | 3rd & 4th gear Shift Lever | 1 | Man. C.H. Steel | Stamping | Die No. N8454 | This replaces N8067 on page 15. First sets to be forged. |
| N8462 | Taper Pin for Gear Forks | 3 | Nic. Chrome Bar | Bar | 5/16" dia x 2 1/8" long | This replace No. 3 Taper Pin on page 9. |

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| Drawing No. | Description | No. | Material | Specification | Remarks |
|--------------------|---|-----|-----------------|---|---------|
| N8486 | Bolt for Clutch Pit to Crankcase | 6 | Nic. Chrome Bar | Hex. Bar .520"/.525" x 4 1/2" long | |
| N8488 | Bolt for Clutch Pit to Crankcase | 1 | Nic. Chrome Bar | Hex. Bar .520"/.525" x 4 3/4" long | |
| 5 - 5/16" - 1 3/4" | Stud for Clutch Pit to Crankcase | 5 | | | |
| 5 - 5/16" - 1 1/4" | Stud for Clutch Pit to Crankcase | 1 | | | |
| N8469 | Inspection Plate for Gear Box End Cover | 1 | Aluminium Sheet | Pressing 2 3/8" wide x 14 S.W.G. x 4 1/16" long | |
| 5* - 2 B.A. - 3/8" | Stud for Inspection Plate | 6 | | | |
| 1 - 2 B.A. | Nut for above Stud | 6 | | | |
| 3/16" dia | Spring Washer | 6 | | | |
| N8480 | Leather Gland for Clutch Operating Rod | 1 | Leather | Pressing 1/16" thick | |
| N8479 | Spring Ring for Leather Gland | 1 | Mild Sheet | Pressing 21 S.W.G. | |

| Drawing No. | Description | No. | Material | Specification | Remarks |
|-------------------|--------------------------------|-----|----------------|--|---|
| N8478 | Distance Tube for Shifting Rod | 3 | Mild Tube Hard | Tube 3/4" o/dia x 22 S.W.G. x 8 1/8" long | |
| N8475 | Leather Gland for Shifting Rod | 4 | Leather | Pressing 1/16" thick | Replaces cancelled Oil Retainer, etc. on page 17. |
| N8476 | Leather Gland for Shifting Rod | 2 | Leather | Pressing 1/16" thick | Replaces cancelled Oil Retainer, etc. on page 17. |
| N8473 | Spring Ring for Leather Gland | 4 | Mild Sheet | Pressing 21 S.W.G. | Replaces cancelled Oil Retainer, etc. on page 17. |
| N8474 | Spring Ring for Leather Gland | 2 | Mild Sheet | Pressing 21 S.W.G. | Replaces cancelled Oil Retainer, etc. on page 17. |
| N8490 | Plate for Leather Gland | 1 | Mild Sheet | Pressing 1 3/8" wide x 10 S.W.G. x 3 1/8" long | Replaces cancelled Oil Retainer, etc. on page 17. |
| 5 - 2 B.A. - 1/2" | Stud for above Plate | 4 | | | Replaces cancelled Oil Retainer, etc. on page 17. |
| 1 - 2 B.A. | Nut for above Stud | 4 | | | Replaces cancelled Oil Retainer, etc. on page 17. |
| 3/16" dia | Spring Washer | 4 | | | Replaces cancelled Oil Retainer, etc. on page 17. |
| N8471 | Bush for Shifting Rod | 2 | Phos. Bronze | Cast Bar 1 1/4" dia x 1" long | |
| N8472 | Bush for Shifting Rod | 1 | Phos. Bronze | Cast Bar 1 1/4" dia x 1" long | |
| N8477 | Plate for Shifting Rod Bush | 1 | Mild Sheet | Pressing 1 7/8" wide x 10 S.W.G. x 3 1/8" long | |
| 5 - 2 B.A. - 5/8" | Stud for above Plate | 4 | | | |
| 1 - 2 B.A. | Nut for above Stud | 4 | | | |
| 3/16" dia | Spring Washer | 4 | | | |

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| Drawing No. | Description | No. | Material | Specification | Remarks |
|-------------|--|-----|------------|------------------------------|--|
| N8328 | 4th Speed Wheel on Main Shaft - 25 teeth | 1 | Poldi Boz. | Bar 3 1/2" dia x 1 3/8" long | Alternative to N7903 and N7907 on page 7. Also to N8330/1 below. |
| N8329 | 4th Speed Sliding Wheel - 27 teeth | 1 | Poldi Boz. | Bar 3 3/4" dia x 1 1/4" long | Alternative to N7903 and N7907 on page 7. Also to N8330/1 below. |
| N8330 | 4th Speed Wheel on Main Shaft - 27 teeth | 1 | Poldi Boz. | Bar 3 3/4" dia x 1 3/8" long | Alternative to N7903 and N7907 on page 7. Also to N8328/9 above. |
| N8331 | 4th Speed Sliding Wheel - 25 teeth | 1 | Poldi Boz. | Bar 3 1/2" dia x 1 1/4" long | Alternative to N7903 and N7907 on page 7. Also to N8328/9 above. |