



Fig. 18. Rear wheel brake components

Brakes

| Fig. | Description | MODEL | | | | | | | |
|--|---------------------------------------|----------------------|------|-----------------------|------|------------------------|------|-----------------------|------|
| | | Mark I ¹⁾ | | Mark II ²⁾ | | Mark III ³⁾ | | Mark IV ⁴⁾ | |
| No. | | Part No. | Qty. | Part No. | Qty. | Part No. | Qty. | Part No. | Qty. |
| <u>Rear wheel brakes, consisting of:</u> | | | | | | | | | |
| 18-1 | . Backing plate, left, complete | 87892 ⁵⁾ | 1 | 88636 | 1 | 88827 ⁶⁾ | 1 | 89703 | 1 |
| | . Backing plate, right, complete | 87893 ⁷⁾ | 1 | 88637 | 1 | 88828 ⁸⁾ | 1 | 89704 | 1 |
| 18-2 | . . Adjuster cam stud | 87894 | 4 | 88994 | 4 | 88994 | 4 | 89700 | 4 |
| 18-3 | . . . Stud spring | 52080 | 4 | - | - | - | - | - | - |
| | . . . Stud spring washer | - | - | 88995 | 4 | 88995 | 4 | 88995 | 4 |
| 18-4 | Base washer | 87897 | 4 | 120141 | 4 | 120141 | 4 | 120141 | 4 |
| 18-5 | . . Adjuster cam, forward | 87895 | 2 | 88996 | 2 | 88996 | 2 | 88996 | 2 |
| 18-6 | . . Adjuster cam, rear | 87896 | 2 | 88997 | 2 | 88997 | 2 | 88997 | 2 |
| 18-7 | . Spring washer at forward brake shoe | 87923 | 2 | - | - | - | - | - | - |
| 18-8 | . . Base washer | 87918 | 2 | - | - | - | - | - | - |
| 18-9 | . Spring washer at rear brake shoe | 81072 | 2 | - | - | - | - | - | - |
| 18-10 | . Lock washer for brake shoe | 80927 | 4 | 88829 | 4 | 88829 | 4 | 89705 | 4 |
| 18-11 | . . Base washer | 81071 | 4 | 26885 | 4 | 26885 | 4 | 26885 | 8 |
| | . . Lock washer (C-type) | - | - | - | - | - | - | 89652 | 4 |

1. There is a spring between the stud head and the backing plate. Stud length = 48 mm. The axle shaft hole in the backing plate has a diameter of 1 1/4".
2. There is a toothed spring washer between the stud head and the backing plate. Stud length = 31 mm. Axle shaft hole diam. = 1 1/4".
3. There is a toothed spring washer between the stud head and the backing plate. Stud length = 31 mm. Axle shaft hole diam. = 1 5/16".
4. There is a toothed spring washer between the stud head and the backing plate. Stud length = 34 mm. Axle shaft hole diam. = 1 5/16".
5. Replaced by 1 backing plate No. 88636, 2 lock washers No. 88829, 2 base washers No. 26885.
6. Replaced by 1 backing plate No. 89703, 2 lock washers No. 89705, 4 base washers No. 26885, 2 lock washers No. 89652.
7. Replaced by 1 backing plate No. 88637, 2 lock washers No. 88829, 2 base washers No. 26885.
8. Replaced by 1 backing plate No. 89704, 2 lock washers No. 89705, 4 base washers No. 26885, 2 lock washers No. 89652.

Brakes

| <u>Fig.</u> | <u>Description</u> | <u>Part No.</u> | <u>Qty.</u> |
|-------------|---|---------------------|-------------|
| | . <u>Parts common to all rear wheel brakes</u> | | |
| 18-12 | . <u>Brake shoe</u> , forward, left, complete, with automatic adjusting | 87898 | 1 |
| | . Brake shoe, forward, right, complete, with automatic adjusting | 87899 | 1 |
| 18-13 | . . Brake lining, for cars with riveted linings | 87929 | 2 |
| | . . Brake lining, for cars with bonded linings | 88168 | 2 |
| 18-14 | . . . Rivet, for brake lining No. 87929 | 17433 | 20 |
| | . . <u>Automatic adjusting device</u> , consisting of: | | |
| 18-15 | . . . Contact plug at brake drum | 87913 ¹⁾ | 2 |
| 18-16 | Spring, for contact plug, early production | 87922 | 2 |
| 18-17 | . . . Damping spring for contact plug | 88611 | 2 |
| 18-18 | . . . Guide pin for quadrant | 87916 | 2 |
| | . . . Quadrant and lever, left | 651926 | 1 |
| | . . . Quadrant and lever, right | 651927 | 1 |
| 18-19 | Quadrant | N.S.S. | |
| 18-20 | Lever | N.S.S. | |
| 18-21 | Lock spring, early production | 87924 | 4 |
| | Lock spring, left, late production | 88755 | 1 |
| | Lock spring, right, late production | 88756 | 1 |
| 18-22 | . . . Spring, quadrant - lever | 87921 | 2 |
| 18-23 | . <u>Brake shoe</u> , rear, left, complete with lever for handbrake | 87901 | 1 |
| | . Brake shoe, rear, right, complete with lever for handbrake | 87902 | 1 |
| | . . Brake shoe, rear, complete | 87900 | 2 |
| 18-24 | . . . Brake lining, for cars with riveted lining | 87930 | 2 |
| | . . . Brake lining, for cars with bonded lining | 88169 | 2 |
| 18-14 | Rivet, for brake lining No. 87930 | 17433 | 16 |

1. Early production contact plugs (87913) have grooves for spring (87922). There are no grooves in late production. When replacing early with late production plugs do not fit springs No. 87922. New lock springs, 88755 or 88756, act as thrust springs for the new contact plug.

Brakes

| <u>Fig.</u> | <u>Description</u> | <u>Part No.</u> | <u>Qty.</u> |
|-------------|---|---------------------|-------------|
| 18-25 | . . Lever, left, for handbrake, early production | 87905 ¹⁾ | 1 |
| | . . Lever, right, for handbrake, early production | 87906 ²⁾ | 1 |
| 18-26 | . . . Spring washer | 87910 | 2 |
| 18-27 | . . . Base washer | 87912 | 2 |
| 18-28 | Lock washer | 87911 | 2 |
| | . . Lever, left, for handbrake, late production | 88831 | 1 |
| | . . Lever, right, for handbrake, late production | 88832 | 1 |
| | . . . Lock washer | 88830 | 2 |
| 18-29 | . Link between brake shoes | 87928 | 2 |
| 18-30 | . Return spring for brake shoe | 87925 | 2 |
| 18-31 | . Anchorage spring for brake shoe | 87926 | 2 |
| 18-32 | . <u>Wheel unit cylinder</u> , complete | 87451 | 2 |
| 18-33 | . . Housing | 87457 | 2 |
| 18-34 | . . . Air-venting valve | 87462 | 2 |
| 18-35 | . . Plunger with push button | 87454 | 4 |
| 18-36 | . . . Rubber gasket, spring - plunger | 87455 | 4 |
| 18-37 | . . Spring | 87456 | 2 |
| 18-38 | . . Rubber cover | 87461 | 4 |
| 18-39 | . Bolt for wheel unit cylinder | 921802 | 4 |
| 18-40 | . . Spring washer | 906987 | 4 |
| 18-41 | Spacer washer for backing plate | 87693 ³⁾ | 2 |
| | Spacer washer for backing plate | 89265 ⁴⁾ | 2 |
| 18-42 | . Gasket | 87711 | 4 |

1. Can be replaced by 1 lever 88831 and 1 lock washer 88830.
2. Can be replaced by 1 lever 88832 and 1 lock washer 88830.
3. In conjunction with rear axles Nos. 88704, 88895 and 89650. For chassis numbers see pages 82 and 83.
4. In conjunction with rear axle No. 88999. For chassis number see pages 82 and 83.

| <u>Fig.</u> | <u>Description</u> | <u>Part No.</u> | <u>Qty.</u> |
|-------------|--|------------------------|-------------|
| 18-43 | Shim, backing plate - rear axle housing, | | |
| | thickness = 0,10 mm | 87186 ¹⁾ | x) |
| | thickness = 0,35 mm | 87185 ¹⁾ | x) |
| | thickness = 1,00 mm | 87184 ¹⁾ | x) |
| | thickness = 0,10 mm | 86891 ²⁾ | x) |
| | thickness = 0,35 mm | 86890 ²⁾ | x) |
| | thickness = 1,00 mm | 86889 ²⁾ | x) |
| | thickness = 0.003" | 89292 ³⁾ | x) |
| | thickness = 0.005" | 89293 ³⁾ | x) |
| | thickness = 0.010" | 89294 ³⁾ | x) |
| | thickness = 0.030" | 89295 ³⁾ | x) |
| | thickness = 0.005" | 89681 ⁴⁾ | x) |
| | thickness = 0.010" | 89682 ⁴⁾ | x) |
| | thickness = 0.030" | 89683 ⁴⁾ | x) |
| 18-44 | Bolt for backing plate | 102056 ⁵⁾ | 8 |
| | Bolt for backing plate | 105164 ⁶⁾ | 8 |
| 18-45 | . Nut | 921782 ^{5,6)} | 8 |
| 18-46 | . Lock washer | 951699 ^{5,6)} | 8 |
| | Bolt for packing plate | 102089 ⁴⁾ | 8 |
| | . Nut | 921782 ⁴⁾ | 8 |
| | . Spring washer | 906992 ⁴⁾ | 8 |
| | <u>Brake drum, complete with hub, for rear wheel;</u> see Hubs and wheels | | |

1. Up to chassis No. 20004.
 2. From chassis No. 20005 onwards in conjunction with rear axles Nos. 88704, 88895 and 655712. For chassis numbers see pages 82 and 83.
 3. From chassis No. 20005 onwards in conjunction with rear axle No. 88999. For chassis number see pages 82 and 83.
 4. In conjunction with rear axles Nos. 89650 and 655713. For chassis number see pages 82 and 83.
 5. In conjunction with rear axle No. 86583. For chassis No. see pages 82 and 83.
 6. In conjunction with rear axles Nos. 88704, 88899 and 655712. For chassis numbers see pages 82 and 83.
- x. Order as required.