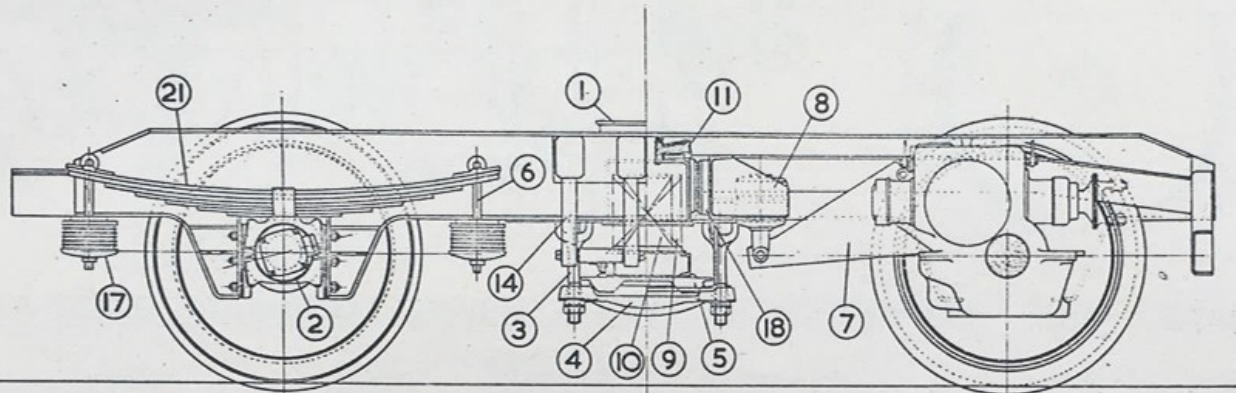


BOGIE  
FOR BIRMINGHAM BUILT  
DIESEL RAILCARS

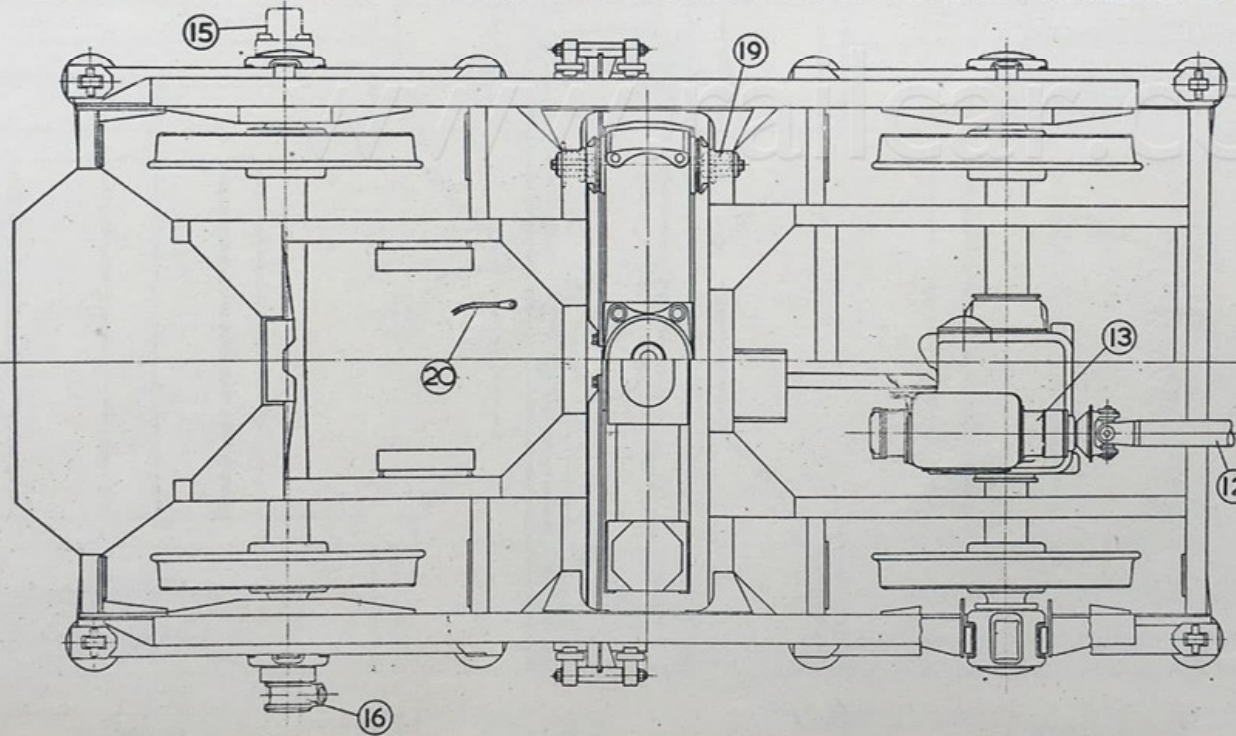




DIAGRAM 1



DRIVING BOGIE BIRMINGHAM, WICKHAM, CRAVEN, PARK ROYAL, GLOUCESTER & DERBY BUILT DIESELS

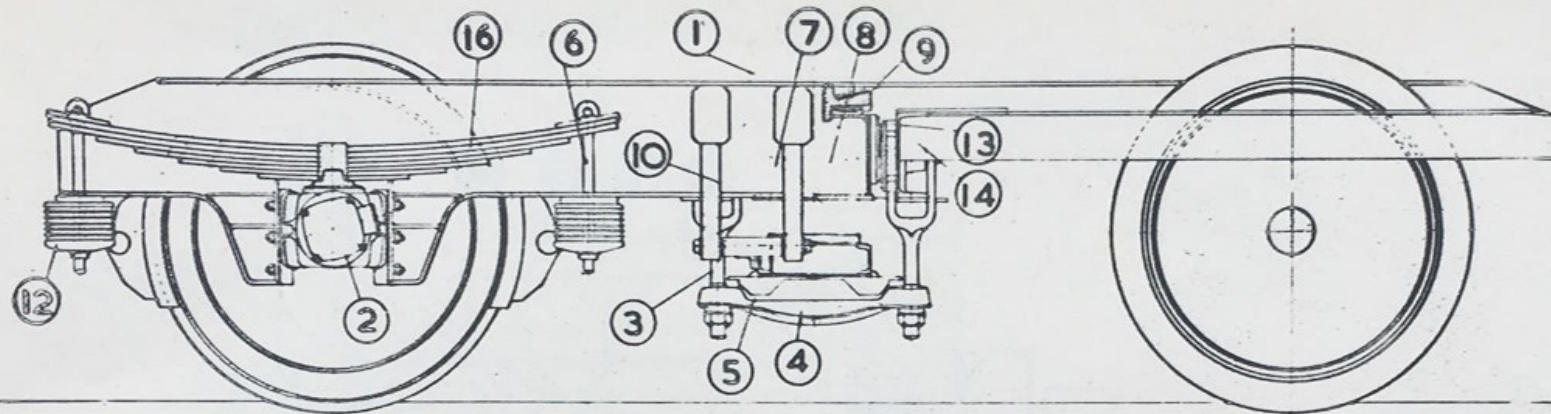


- 1 BLOCK - SIDE FRICTION BOTTOM
- 2 AXLEBOX - ROLLER BEARING
- 3 BOLTS - SWING BEAM SUSPENDING
- 4 BARS - ROCKING
- 5 SADDLE - ROCKING BAR
- 6 BOLTS - BEARING SPRING SUSPENSION
- 7 ARM TORQUE REACTION
- 8 SHOCK ABSORBER
- 9 SPRING - BOLSTER OUTER
- 10 SPRING - BOLSTER INNER
- 11 CASTING - BOTTOM CENTRE
- 12 SHAFT - CARDAN
- 13 GEARBOX - FINAL DRIVE
- 14 SPRINGS CONTROLS BOLSTER
- 15 DISTANCE RECORDER
- 16 GENERATOR FOR SPEEDOMETER
- 17 SPRING - AUXILIARY BEARING
- 18 BLOCK - CROSSBAR RUBBING
- 19 BRACKET - SWING BEAM SUSPENDING BOLTS
- 20 BRAID - BONDING (EARTH)
- 21 SPRINGS - SIDE BEARING LAMINATED

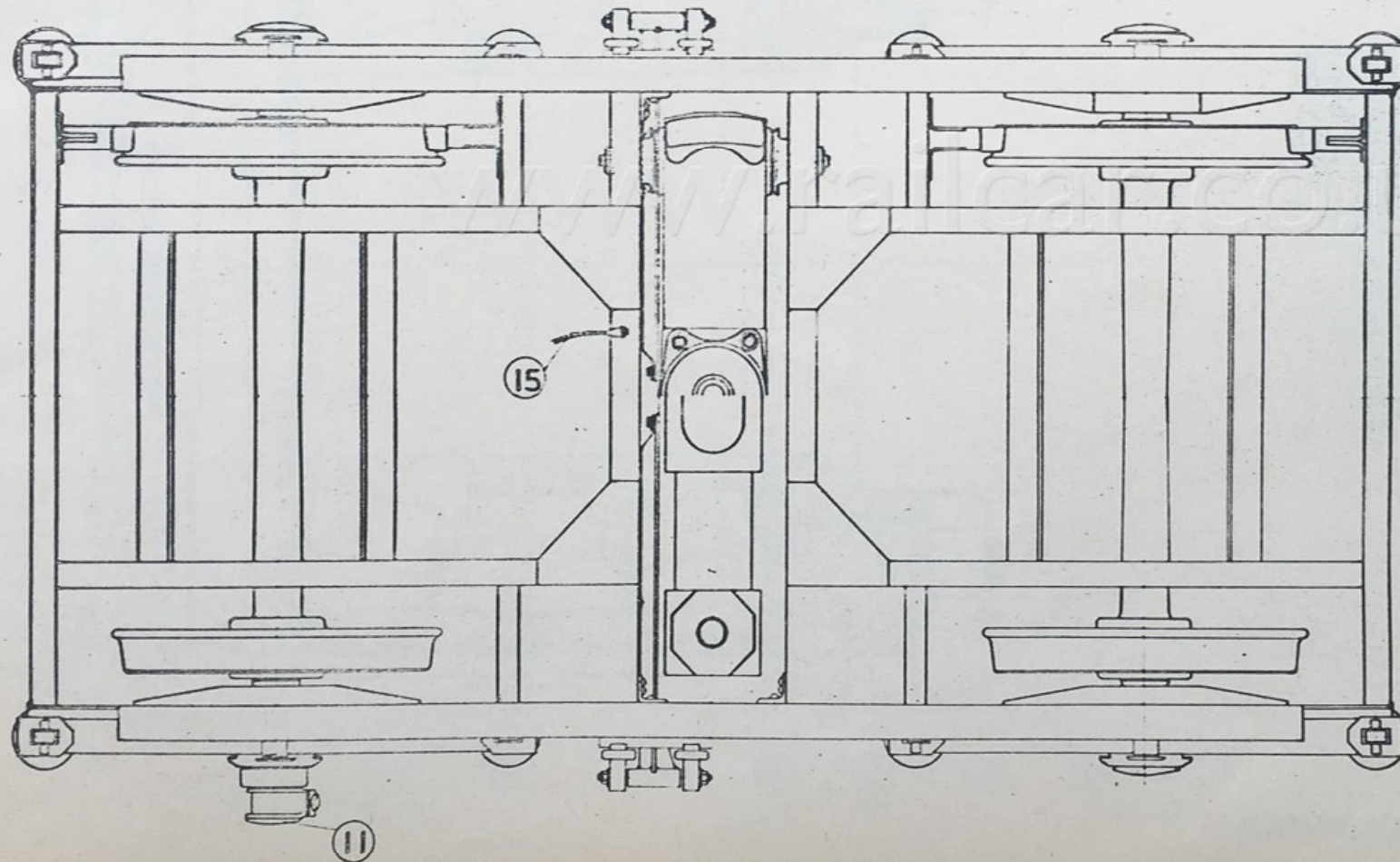
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DIAGRAM 2



TRAILER BOGIE - BIRMINGHAM CRAVEN, GLOUCESTER, WICKHAM PARK ROYAL & DERBY BUILT CARS



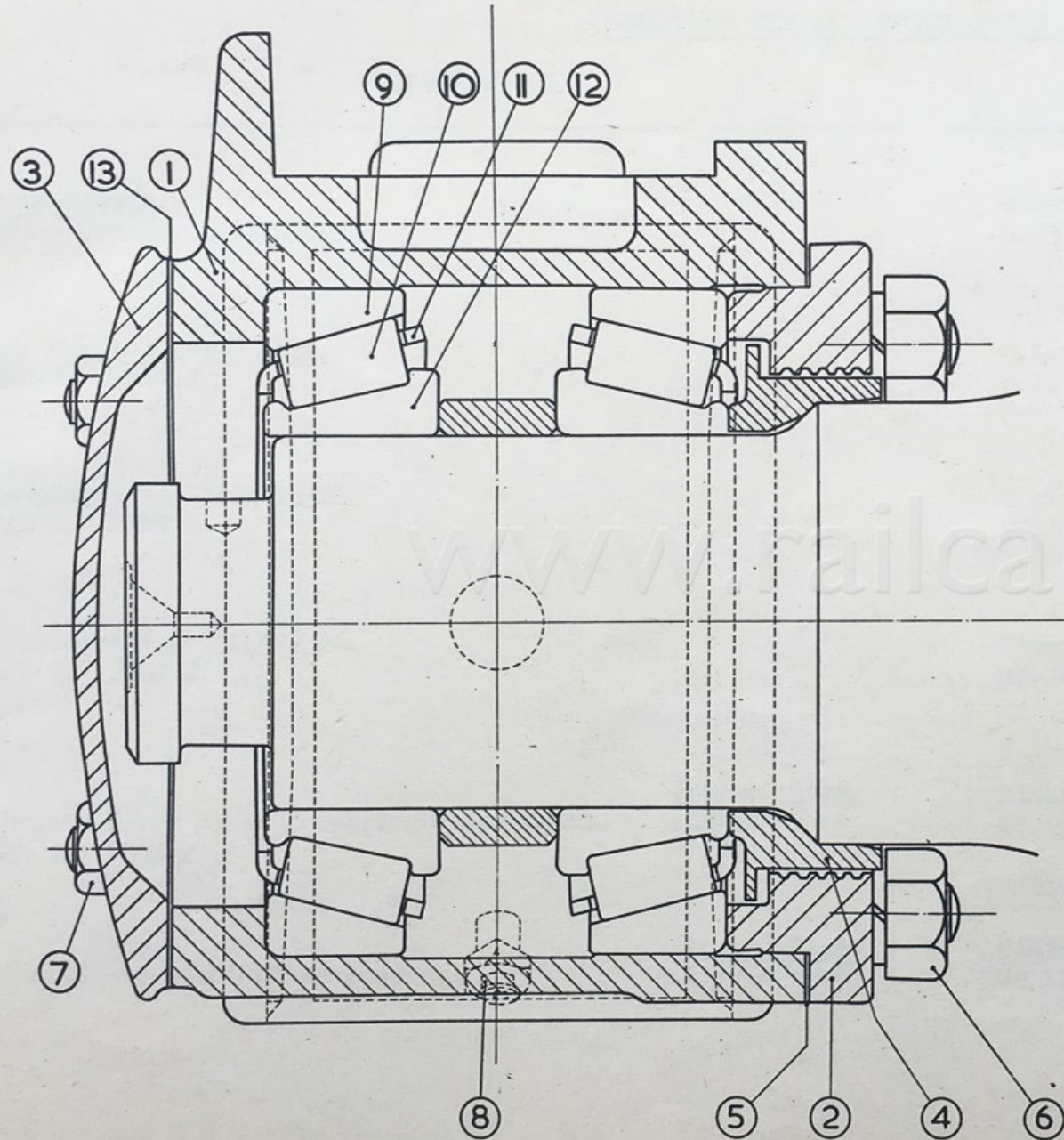
- 1 BLOCKS - SIDE FRICTION BOTTOM
- 2 AXLEBOX - ROLLER BEARING
- 3 BOLTS - SWING BEAM SUSPENDING
- 4 BARS - ROCKING
- 5 SADDLES - ROCKING BAR
- 6 EYE BOLTS - BEARING SPRING SUSPENSION
- 7 SPRINGS - BOLSTER OUTER
- 8 SPRINGS - BOLSTER INNER
- 9 CASTINGS - BOTTOM CENTRE
- 10 CONTROLS BOLSTER
- 11 GENERATOR FOR SPEEDOMETER
- 12 SPRINGS - AUXILIARY BEARING
- 13 BLOCKS - CROSSBAR RUBBING
- 14 BRACKETS - SWING BEAM SUSPENSION BOLTS
- 15 BRAIDS - BONDING (EARTH)
- 16 SPRINGS - SIDE-BEARING LAMINATED

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TIMKEN ROLLER BEARING AXLEBOX

DIAGRAM 3.



| REF. No. | DESCRIPTION  |
|----------|--|
| 1        | AXLEBOX BODY   |
| 2        | REAR COVER   |
| 3        | INSPECTION PLATE   |
| 4        | ABUTMENT PLATE   |
| 5        | ADJUSTMENT SHIMS   |
| 6        | REAR COVER STUDS, NUTS & WASHERS $\frac{3}{4}$ " DIA. WHIT.  |
| 7        | INSP. PLATE STUDS, NUTS & WASHERS $\frac{1}{2}$ " DIA. WHIT. |
| 8        | GREASE NIPPLE  |
| 9        | CUP  |
| 10       | ROLLER   |
| 11       | CAGE   |
| 12       | CONE   |
| 13       | JOINT WASHER   |

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BOGIE FOR THE BIRMINGHAM BUILT DIESEL RAILCARS.

| DESCRIPTION  | DRG. NO.                              | LOT NOS.                                    |
|--|---------------------------------------|---|
| <u>ADAPTORS.</u>   |                                       |   |
| Distance Counter.<br>See Catalogue No. 9/14/25101.                                   | Birmingham<br>A11567/A                | 30290 30294<br>30291 30296<br>30293 30298   |
|  |                                       | 30301<br>30404                              |
| <u>ARMS.</u>   |                                       |   |
| Torque. Complete with Boss.<br>DIAGRAM 1. ITEM 7.                                    | A.E.C. Pt. No.<br>F.1769              | 30290 30296<br>30291 30298<br>30293-4 30301 |
|  |                                       | 30404                                       |
| <u>AXLEBOXES.</u>  |                                       |   |
| See Catalogue No. 9/14/25321.<br>DIAGRAM 2. ITEM 2.                                  | Timken.<br>RF.10784                   | 30292 30299<br>30295 30300<br>30297 30302   |
|  |                                       | 30303<br>30405                              |
| <u>AXLEBOXES.</u>  |                                       |   |
| See Catalogue No. 9/14/25326.<br>DIAGRAM 2. ITEM 2.                                  | Timken<br>RF.10784                    | 30292 30299<br>30295 30300<br>30297 30302   |
|  |                                       | 30303<br>30405                              |
| <u>AXLEBOXES.</u>  |                                       |   |
| <u>Type.</u><br>Timken with Cover Plate for Speedometer Drive.<br>DIAGRAM 2. ITEM 2. | <u>Journal Size.</u><br>5.15/16" x 4" | Timken<br>RF.11016                          |
|  |                                       | 30292 30299<br>30295 30300<br>30297 30302   |
|  |                                       | 30303<br>30405                              |
| <u>AXLEBOXES.</u>  |                                       |   |
| <u>Type.</u><br>Timken complete with Roller Bearings.                                | <u>Journal Size.</u><br>5.11/16" x 4" | Timken<br>RF.11016                          |
|  |                                       | 30292 30299<br>30295 30300<br>30297 30302   |
|  |                                       | 30303<br>30405                              |



| DESCRIPTION.                            |                           |                         | DRG. NO.   | LOT NOS. |       |       |
|---|---------------------------|-------------------------|------------|----------|-------|-------|
| <u>AXLEBOXES.</u>                       |                           |                         |            |          |       |       |
|   | <u>Type.</u>              | <u>Journal Size.</u>    | Timken     | 30290    | 30294 | 30301 |
| Timken complete with Roller Bearings.   |                           | 6" x 4.1/2".            | RF. 10835  | 30291    | 30296 | 30404 |
| DIAGRAM 1. ITEM 2.                      |                           |                         |            | 30293    | 30298 |       |
| <u>AXLEBOXES.</u>                       |                           |                         |            |          |       |       |
|   | <u>Type.</u>              | <u>Journal Size.</u>    | Timken     | 30290    | 30294 | 30301 |
| Timken with Cover Plate for Speedometer |                           | 6" x 4.1/2"             | RF. 10835  | 30291    | 30296 | 30404 |
| Drive. DIAGRAM 1. ITEM 2.               |                           |                         |            | 30293    | 30298 |       |
| <u>AXLEBOXES.</u>                       |                           |                         |            |          |       |       |
|   | <u>Type.</u>              | <u>Journal Size.</u>    | Timken     | 30290    | 30294 | 30301 |
| Timken Complete with Roller Bearing.    |                           | 6" x 4.1/2"             | RF. 11060  | 30291    | 30296 | 30404 |
| DIAGRAM 1. ITEM 2.                      |                           |                         |            | 30293    | 30298 |       |
| <u>AXLEBOXES.</u>                       |                           |                         |            |          |       |       |
|   | <u>Type.</u>              | <u>Journal Size.</u>    | Timken     | 30290    | 30294 | 30301 |
| Timken with Cover Plate for Speedometer |                           | 6" x 4.1/2"             | RF. 11060  | 30291    | 30296 | 30404 |
| Drive. DIAGRAM 1. ITEM 2.               |                           |                         |            | 30293    | 30298 |       |
| <u>AXLES.</u>                           |                           |                         |            |          |       |       |
| <u>Length o/all.</u>                    | <u>Fin. Journal Size.</u> | <u>Type.</u>            | Birmingham | 30290    | 30294 | 30301 |
| 7'1.1/2".                               | 6" x 4.1/2" dia.          | Trailing Ordinary.      | A. 11565/B | 30291    | 30296 | 30404 |
|   |                           |                         |            | 30293    | 30298 |       |
| <u>AXLES.</u>                           |                           |                         |            |          |       |       |
| <u>Length o/all.</u>                    | <u>Fin. Journal Size.</u> | <u>Type.</u>            | Birmingham | 30290    | 30294 | 30301 |
| 7'1.1/2"                                | 6" x 4.1/2" dia.          | Driving with Gear Seat. | A. 11565/A | 30291    | 30296 | 30404 |
|   |                           |                         |            | 30293    | 30298 |       |



| DESCRIPTION.  | DRG. NO.                                   | LOT NOS.                                     |                         |
|---|--|--|-------------------------|
| <u>AXLES.</u>   |  |  |                         |
| <u>Length of all.</u><br>7'2"<br>With 2.5/8" dia x 1" recess. Wheel Seat 5.3/16" dia.     | <u>Fin. Journal Size.</u><br>5.15/16" x 4" | <u>Type.</u><br>Trailing Ordinary.           |                         |
|   | Birmingham<br>A.11590/B                    | 30292<br>30295<br>30297                      | 30299<br>30300<br>30302 |
|   |  |  | 30303<br>30405          |
| <u>AXLES.</u>   |  |  |                         |
| <u>Length of all.</u><br>7'2"<br>With 2.5/8" x 1" recess wheel seat 5.3/16" dia.          | <u>Fin. Journal Size.</u><br>5.15/16" x 4" | <u>Type.</u><br>Trailing with Dynamo Pulley. |                         |
|   | Birmingham<br>A.11590/A                    | 30292<br>30295<br>30297                      | 30299<br>30300<br>30302 |
|   |  |  | 30303<br>30405          |
| <u>BANJOS.</u>  |  |  |                         |
| <u>Axle Gland Housing. Final Drive.</u><br>See Catalogue No. 9/14/25551.                  | A.E.C. Pt. No.<br>G. 25101.                | 30290<br>30291<br>30293                      | 30294<br>30296<br>30298 |
|   |  |  | 30301<br>30404          |
| <u>BARS.</u>  |  |  |                         |
| <u>Rocking.</u><br>See Catalogue No. 9/14/25601.<br>DIAGRAM 1. ITEM 4. DIAGRAM 2. ITEM 4. | Birmingham<br>A.11581/A                    | 30290-303<br>30404<br>30405                  |                         |
| <u>BEARINGS.</u>  |  |  |                         |
| <u>Ball. Final Drive.</u>   | A.E.C. Pt. No.<br>6-124<br>6-113           | 30290<br>30291<br>30293                      | 30294<br>30296<br>30298 |
|   |  |  | 30301<br>30404          |
| <u>BEARINGS.</u>  |  |  |                         |
| <u>Roller, Extra Light, with Lip, Final Drive.</u><br>See Catalogue No. 9/43/30999.       | A.E.C. Pt. No.<br>15-102<br>15-94          | 30290<br>30291<br>30293                      | 30294<br>30296<br>30298 |
|   |  |  | 30301<br>30404          |



| DESCRIPTION.   | DRG. NO.                | LOT NOS.                    |                         |                |
|--|-------------------------|-----------------------------|-------------------------|----------------|
| <u>BEARINGS.</u>   |                         |                             |                         |                |
| <u>Roller, Final Drive.</u><br>See Catalogue No. 9/43/30730.   | A.E.C. Pt. No.          | 30290                       | 30294                   | 30301          |
|  | 15-101                  | 30291                       | 30296                   | 30404          |
|  | 15-60                   | 30293                       | 30298                   |                |
| <u>BEDS.</u>   |                         |                             |                         |                |
| <u>Bolster Spring.</u><br>10" x 10" x 1/2" base with 3" x 3" i/dia steel tube. STEEL.                | Birmingham<br>A.11554/F | 30292<br>30295<br>30297     | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>BEDS.</u>   |                         |                             |                         |                |
| <u>Bolster Spring Top.</u><br>10" x 10" x 1/2" base with 3.7/8" x 2" i/dia. spigot. STEEL.           | Birmingham<br>A.11554/E | 30290-1<br>30293<br>30294   | 30296<br>30298<br>30301 | 30404          |
| <u>BLOCKS.</u>   |                         |                             |                         |                |
| <u>Axleguard Liner.</u><br>See Catalogue No. 9/14/25771.   | Birmingham<br>A.11553/J | 30290-303<br>30404<br>30405 |                         |                |
| <u>BLOCKS.</u>   |                         |                             |                         |                |
| <u>Crossbar Rubbing.</u><br>See Catalogue No. 9/14/25832.<br>DIAGRAM 1. ITEM 18. DIAGRAM 2. ITEM 12. | Birmingham A.11557/B    | 30290-303<br>30404<br>30405 |                         |                |
| <u>BLOCKS.</u>   |                         |                             |                         |                |
| <u>Crossbar Rubbing.</u><br>See Catalogue No. 9/14/25831.<br>DIAGRAM 2. ITEM 13. DIAGRAM 1. ITEM 18. | Birmingham<br>A.11557/C | 30290-303<br>30404<br>30405 |                         |                |



| DESCRIPTION.  | DRG. NO.                | LOT NOS.                    |                         |                |
|---|-------------------------|-----------------------------|-------------------------|----------------|
| <u>BLOCKS.</u>  |                         |                             |                         |                |
| Side Friction Bottom.<br>See Catalogue No. 9/14/25921.<br>DIAGRAM 2. ITEM 1. DIAGRAM 1. ITEM 1. | Birmingham<br>A.11557/F | 30290-303<br>30404<br>30405 |                         |                |
| <u>BODIES.</u>  |                         |                             |                         |                |
| <u>Axlebox.</u><br>11" x 6.7/8" o/all. STEEL CASTING.<br>DIAGRAM 3. ITEM 1.                     | Timken<br>ADF. 862.     | 30292<br>30295<br>30297     | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>BODIES.</u>  |                         |                             |                         |                |
| <u>Axlebox.</u><br>11" x 6.7/8" o/all. STEEL CASTING.<br>DIAGRAM 1. ITEM 1.                     | Timken<br>ADF. 908      | 30292<br>30295<br>30297     | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>BODIES.</u>  |                         |                             |                         |                |
| <u>Axlebox.</u><br>11" x 6.7/8" o/all. STEEL CASTING.<br>DIAGRAM 1. ITEM 1.                     | Timken<br>ADF. 900      | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>BODIES.</u>  |                         |                             |                         |                |
| <u>Axlebox.</u><br>11" x 7.3/4" o/all. STEEL CASTING.<br>DIAGRAM 1. ITEM 1.                     | Timken<br>ADF. 983.     | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>BODIES.</u>  |                         |                             |                         |                |
| <u>Trailing Ordinary Complete.</u><br>DIAGRAM 2.  | Birmingham<br>A.11576   | 30292<br>30295<br>30297     | 30299<br>30300<br>30302 | 30303<br>30405 |



| DESCRIPTION.  | DRG. NO.                    | LOT NOS.                    |                         |                |
|---|-----------------------------|-----------------------------|-------------------------|----------------|
| <u>BOGIES.</u>  |                             |                             |                         |                |
| <u>Trailing with Dynamo Pulley Complete.</u><br>DIAGRAM 2.  | Birmingham<br>A. 11576      | 30292<br>30295<br>30297     | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>BOGIES.</u>  |                             |                             |                         |                |
| <u>Driving Complete.</u><br>DIAGRAM 1.  | Birmingham<br>A. 11551.     | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>BOLTS.</u>   |                             |                             |                         |                |
| <u>Axle. Final Drive.</u><br>See Catalogue No. 9/14/26081.  | A.E.C. Pt. No.<br>Z16/30775 | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>BOLTS.</u>   |                             |                             |                         |                |
| <u>Axle. Gland Housing. Final Drive.</u><br>See Catalogue No. 9/14/26093.                               | A.E.C. Pt. No.<br>Z16/30774 | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>BOLTS.</u>   |                             |                             |                         |                |
| <u>Housing Gland. Final Drive.</u><br>See Catalogue No. 9/14/26106.                                     | A.E.C. Pt. No.<br>Z9/30754. | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>BOLTS.</u>   |                             |                             |                         |                |
| <u>Swing Beam Suspension.</u><br>See Catalogue No. 9/14/26121.<br>DIAGRAM 1. ITEM 3. DIAGRAM 2. ITEM 3. | Birmingham<br>A. 11557/E    | 30290-303<br>30404<br>30405 |                         |                |



| DESCRIPTION.  | DRG. NO.                    | LOT NOS.                |                           |                |
|---|-----------------------------|-------------------------|---------------------------|----------------|
| <u>BOLTS.</u>   |                             |                         |                           |                |
| <u>Torque Arm.</u><br>See Catalogue No. 9/1/26141.                        | A.E.C. Pt. No.<br>Z17/30786 | 30290<br>30291<br>30293 | 30294<br>30296<br>30298   | 30301<br>30404 |
| <u>BRACKETS.</u>  |                             |                         |                           |                |
| <u>Bogie Step.</u><br>1.1/8" x 4.1/2" x 4.1/16" x 1/2" thick. L.H. STEEL. | Birmingham<br>A.11584/L     | 30290<br>30291<br>30293 | 30294<br>30296-8<br>30301 | 30404<br>30405 |
| <u>BRACKETS.</u>  |                             |                         |                           |                |
| <u>Bogie Step.</u><br>1.1/8" x 4.1/2" x 4.1/16" x 1/2" thick. R.H. STEEL. | Birmingham<br>A.11584/B     | 30290<br>30291<br>30293 | 30294<br>30296-8<br>30301 | 30404<br>30405 |
| <u>BRACKETS.</u>  |                             |                         |                           |                |
| <u>Bogie Step.</u><br>1'2.1/2" x 5.1/16" x 4" x 3/4" thick. STEEL.        | Birmingham<br>A.11584/M     | 30290<br>30293<br>30296 | 30404                     |                |
| <u>BRACKETS.</u>  |                             |                         |                           |                |
| <u>Bogie Step.</u><br>1'2.1/2" x 8.1/16" x 4" x 3/4" thick o/all. STEEL.  | Birmingham<br>A.11584/A     | 30290<br>30291<br>30293 | 30294<br>30296-8<br>30301 | 30404-5        |
| <u>BRACKETS.</u>  |                             |                         |                           |                |
| <u>Bogie Step.</u><br>1'3.1/2" x 11.1/16" x 4" x 1/2" thick. STEEL.       | Birmingham<br>A.11584/N     | 30290<br>30293<br>30296 | 30404                     |                |



| DESCRIPTION.                                    | DRG. NO.   | LOT NOS. |       |       |
|---|------------|----------|-------|-------|
| <u>BRACKETS.</u>                                |            |          |       |       |
| <u>Brake Hanger.</u>                            | Birmingham | 30292    | 30299 | 30303 |
| 5.5/8" x 4.1/2" x 3" x 5/8" thick. L.H. STEEL.  | A.11582/B  | 30295    | 30300 | 30405 |
|   |            | 30297    | 30302 |       |
| <u>BRACKETS.</u>                                |            |          |       |       |
| <u>Brake Hanger.</u>                            | Birmingham | 30292    | 30299 | 30303 |
| 5.5/8" x 4.1/2" x 3" x 5/8" R.H. STEEL.         | A.11582/A  | 30295    | 30300 | 30405 |
|   |            | 30297    | 30302 |       |
| <u>BRACKETS.</u>                                |            |          |       |       |
| <u>Brake Hanger.</u>                            | Birmingham | 30292    | 30299 | 30303 |
| 6.3/8" x 5.7/8" x 4.5/16" x 1/2" thick. STEEL.  | A.11582/E  | 30295    | 30300 | 30405 |
|   |            | 30297    | 30302 |       |
| <u>BRACKETS.</u>                                |            |          |       |       |
| <u>Brake Hanger.</u>                            | Birmingham | 30292    | 30299 | 30303 |
| 7.1/2" x 5" x 3.5/8" x 1/2" thick. STEEL.       | A.11582/C  | 30295    | 30300 | 30405 |
|   |            | 30297    | 30302 |       |
| <u>BRACKETS.</u>                                |            |          |       |       |
| <u>Brake Hanger.</u>                            | Birmingham | 30292    | 30299 | 30303 |
| 9.1/4" x 5" x 4.5/16" x 1/2" thick. L.H. STEEL. | A.11582/F  | 30295    | 30300 | 30405 |
|   |            | 30297    | 30302 |       |
| <u>BRACKETS.</u>                                |            |          |       |       |
| <u>Brake Hanger.</u>                            | Birmingham | 30292    | 30299 | 30303 |
| 9.1/4" x 5" x 4.5/16" x 1/2" thick. R.H. STEEL. | A.11582/D  | 30295    | 30300 | 30405 |
|   |            | 30297    | 30302 |       |



| DESCRIPTION.  | DRG. NO.                              | LOT NOS.                    |                         |                |
|---|---------------------------------------|-----------------------------|-------------------------|----------------|
| <u>BRACKETS.</u>  |                                       |                             |                         |                |
| <u>Railguard.</u><br>7.1/8" x 5.1/4" x 3/4". 2" hole centres. STEEL. L. H.                          | Birmingham<br>A. 11584/G              | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>BRACKETS.</u>  |                                       |                             |                         |                |
| <u>Railguard.</u><br>7.1/8" x 5.1/4" x 3/4". 2" hole centres. R. H. STEEL.                          | Birmingham<br>A. 11584/F              | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>BRACKETS.</u>  |                                       |                             |                         |                |
| <u>Railguard.</u><br>7.1/8" x 6.3/4" x 3/4". 2" hole centres. L. H. STEEL.                          | Birmingham<br>A. 11584/J              | 30297<br>30405              |                         |                |
| <u>BRACKETS.</u>  |                                       |                             |                         |                |
| <u>Railguard.</u><br>7.1/8" x 6.3/4" x 3/4". 2" hole centres. R. H. STEEL.                          | Birmingham<br>A. 11584/H              | 30297<br>30405              |                         |                |
| <u>BRACKETS.</u>  |                                       |                             |                         |                |
| <u>Suspension Link.</u><br>See Catalogue No. 9/14/26371.<br>DIAGRAM 1. ITEM 19. DIAGRAM 2. ITEM 14. | Birmingham<br>A. 11557/D              | 30290-303<br>30404<br>30405 |                         |                |
| <u>BRIDIES.</u>   |                                       |                             |                         |                |
| <u>Axleguard.</u><br>See Catalogue No. 9/14/26406   | Birmingham<br>A. 11553/B <sup>A</sup> | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |



| DESCRIPTION.                            |               |                   |                              | DRG. NO.       | LOT NOS.  |       |       |
|---|---------------|-------------------|------------------------------|----------------|-----------|-------|-------|
| <u>BRIDLES.</u>                         |               |                   |                              |                |           |       |       |
| <u>Axleguard.</u>                       |               |                   |                              | Birmingham     | 30290     | 30294 | 30301 |
| 1'5.5/8" x 3.3/4" x 1.1/8". STEEL.      |               |                   |                              | A.11553/R      | 30291     | 30296 | 30404 |
| 1'3.1/4" hole centres.                  |               |                   |                              |                | 30293     | 30298 |       |
| <u>CASTINGS.</u>                        |               |                   |                              |                |           |       |       |
| <u>Centre Bottom.</u>                   |               |                   |                              | Birmingham     | 30290-303 |       |       |
| <u>Length.</u>                          | <u>Width.</u> | <u>Thickness.</u> | <u>Hole Centres.</u>         | A.11555/B      | 30404     |       |       |
| 1'3.1/4"                                | 1'0.1/2"      | 3.5/8"            | 1'1" x 1'0". STEEL CASTINGS. |                | 30405     |       |       |
| DIAGRAM 1.                              | ITEM 11.      | DIAGRAM 2.        | ITEM 9.                      |                |           |       |       |
| <u>CLAMPS.</u>                          |               |                   |                              |                |           |       |       |
| <u>Axle Shaft Bearing. Final Drive.</u> |               |                   |                              | A.E.C. Pt. No. | 30290     | 30294 | 30301 |
| See Catalogue No. 9/14/26961.           |               |                   |                              | F.31613.       | 30291     | 30296 | 30404 |
|   |               |                   |                              |                | 30293     | 30298 |       |
| <u>CONES.</u>                           |               |                   |                              |                |           |       |       |
| <u>Axlebox.</u>                         |               |                   |                              | Timken Pt. No. | 30292     | 30299 | 30303 |
| DIAGRAM 3. ITEM 12.                     |               |                   |                              | 780/KT.        | 30295     | 30300 | 30405 |
|   |               |                   |                              |                | 30297     | 30302 |       |
| <u>CONES.</u>                           |               |                   |                              |                |           |       |       |
| <u>Axlebox.</u>                         |               |                   |                              | Timken.        | 30290     | 30294 | 30301 |
| DIAGRAM 3. ITEM 12.                     |               |                   |                              | H424442D/A     | 30291     | 30296 | 30404 |
|   |               |                   |                              |                | 30293     | 30298 |       |
| <u>CONTROLS.</u>                        |               |                   |                              |                |           |       |       |
| <u>Bolster.</u>                         |               |                   |                              | Birmingham     | 30290-303 |       |       |
| 1'1.5/4" long.                          |               |                   |                              | A.11596/A      | 30404     |       |       |
| DIAGRAM 1. ITEM 14. DIAGRAM 2. ITEM 10. |               |                   |                              |                | 30405     |       |       |



| DESCRIPTION.   | DRG. NO.                 | LOT NOS.                    |                         |                |
|--|--------------------------|-----------------------------|-------------------------|----------------|
| <u>COTTERS.</u>  |                          |                             |                         |                |
| Bogie Centre Pin.<br>4.1/4" x 2.3/8" x 3/8". 2.5/8" hole centres.  | Birmingham<br>A.11573/E  | 30290-303<br>30404<br>30405 |                         |                |
| <u>COUNTERS.</u>   |                          |                             |                         |                |
| Distance.<br>DIAGRAM 1. ITEM 15.   | Smith-Stone<br>ATL. 7475 | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>COVERS.</u>   |                          |                             |                         |                |
| Rear.<br>8.1/8" x 8.1/8" x 1.19/32" STEEL.<br>DIAGRAM 3. ITEM 2.   | Timken<br>ADM. 1048      | 30292<br>30295<br>30297     | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>COVERS.</u>   |                          |                             |                         |                |
| Rear.<br>8.7/8" x 8.7/8" x 2.9/32". STEEL.<br>DIAGRAM 3. ITEM 2.   | Timken<br>ADM. 1340.     | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>CUPS.</u>   |                          |                             |                         |                |
| Auxiliary Bearing Spring. Top.<br>O/dia.      I/dia      Height.      STEEL.<br>7.1/2"      1.3/4".      15/16"<br>With locating Rib.    | Birmingham<br>A.11556/B  | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>CUPS.</u>   |                          |                             |                         |                |
| Auxiliary Bearing Spring. Top.<br>O/dia.      I/dia.      Height.      STEEL.<br>7.1/2"      1.3/4"      15/16"<br>With 2 locating Ribs. | Birmingham<br>A.11556/C  | 30292<br>30295<br>30297     | 30299<br>30300<br>30302 | 30303<br>30405 |



| DESCRIPTION.                                      |               |                | DRG. NO.       | LOT NOS.  |       |       |
|---|---------------|----------------|----------------|-----------|-------|-------|
| <u>CUPS.</u><br>Auxiliary Bearing Spring. Bottom. |               |                | Birmingham     | 30290     | 30294 | 30301 |
| <u>O/dia.</u>                                     | <u>I/dia.</u> | <u>Height.</u> | A. 11556/D     | 30291     | 30296 | 30404 |
| 7.1/2"  | 1.3/4"        | 1.5/16"        |                | 30293     | 30298 |       |
| With 1 locating Rib.                              |               |                |                |           |       |       |
| <u>CUPS.</u><br>Auxiliary Bearing Spring. Bottom. |               |                | Birmingham     | 30292     | 30299 | 30303 |
| <u>O/dia.</u>                                     | <u>I/dia.</u> | <u>Height.</u> | A. 11556/E     | 30295     | 30300 | 30405 |
| 7.1/2"  | 1.3/4"        | 1.5/16"        |                | 30297     | 30302 |       |
| With 2 Locating Ribs.                             |               |                |                |           |       |       |
| <u>CUPS.</u><br>Axlebox.                          |               |                | Timken Pt. No. | 30292     | 30299 | 30303 |
| DIAGRAM 3.  | ITEM 9.       |                | 772/KT.        | 30295     | 30300 | 30405 |
|   |               |                |                | 30297     | 30302 |       |
| <u>CUPS.</u><br>Axlebox.                          |               |                | Timken         | 30290     | 30294 | 30301 |
| DIAGRAM 3.  | ITEM 9.       |                | H. 424415/A    | 30291     | 30296 | 30404 |
|   |               |                |                | 30293     | 30298 |       |
| <u>EYEBOLTS.</u><br>Side Bearing Spring.          |               |                | Birmingham     | 30290-303 |       |       |
| See Catalogue No. 9/14/27501.                     |               |                | A. 11556/A     | 30404     |       |       |
| DIAGRAM 1.  | ITEM 6.       | DIAGRAM 2.     |                | 30405     |       |       |
|   |               | ITEM 6.        |                |           |       |       |



| DESCRIPTION.  | DRG. NO.       | LOT NOS.  |         |       |
|---|----------------|-----------|---------|-------|
| <u>GEARS.</u>                                       |                |           |         |       |
| <u>Axle. Final Drive.</u>                           | A.E.C. Pt. No. | 30290     | 30294   | 30301 |
| See Catalogue No. 9/14/27801.                       | F. 23711       | 30291     | 30296   | 30404 |
|   |                | 30293     | 30298   |       |
| <u>GUARDS.</u>                                      |                |           |         |       |
| <u>Rail.</u>  | Birmingham     | 30290     | 30294   | 30404 |
| 1'2.3/4" x 4" x 3/4" thick. 2" hole centres. STEEL. | A. 11584/E     | 30291     | 30296-8 | 30405 |
|   |                | 30293     | 30301   |       |
| <u>HANGERS.</u>                                     |                |           |         |       |
| <u>Swing Beam Safety.</u>                           | Birmingham     | 30290-303 |         |       |
| 1'8" x 10.11/16" x 2" x 1/2". STEEL.                | A. 11584/K     | 30404     |         |       |
|   |                | 30405     |         |       |
| <u>HOUSINGS.</u>                                    |                |           |         |       |
| <u>Bearing. Final Drive.</u>                        | A.E.C. Pt. No. | 30290     | 30294   | 30301 |
| See Catalogue No. 9/14/28201.                       | F. 16553.      | 30291     | 30296   | 30404 |
|   |                | 30293     | 30298   |       |
| <u>HOUSINGS.</u>                                    |                |           |         |       |
| <u>Bearing. Final Drive.</u>                        | A.E.C. Pt. No. | 30290     | 30294   | 30301 |
| See Catalogue No. 9/14/28206.                       | F. 16561       | 30291     | 30296   | 30404 |
|   |                | 30293     | 30298   |       |
| <u>HOUSINGS.</u>                                    |                |           |         |       |
| <u>Oil Seal. Final Drive.</u>                       | A.E.C. Pt. No. | 30290     | 30294   | 30301 |
|   | F. 16837       | 30291     | 30296   | 30404 |
|   |                | 30293     | 30298   |       |



| DESCRIPTION.  | DRG. NO.                 | LOT NOS.                |                         |                |
|---|--------------------------|-------------------------|-------------------------|----------------|
| <u>INSETS.</u>  |                          |                         |                         |                |
| <u>Solebar Web.</u><br>10" x 9.3/8" x 3/8". STEEL.              | Birmingham<br>A.11578/G  | 30292<br>30295<br>30297 | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>INSETS.</u>  |                          |                         |                         |                |
| <u>Solebar Web.</u><br>1'0.1/8" x 10.1/4" x 3/8". STEEL.        | Birmingham<br>A.11553/C  | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>JOINTS.</u>  |                          |                         |                         |                |
| <u>Gland. Final Drive.</u><br>See Catalogue No. 9/14/28461.     | A.E.C. Pt. No.<br>Z44238 | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>LINERS.</u>  |                          |                         |                         |                |
| <u>Axleguard.</u><br>See Catalogue No. 9/14/29001.              | Birmingham<br>A.11578/L  | 30292<br>30295<br>30297 | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>LINERS.</u>  |                          |                         |                         |                |
| <u>Axleguard.</u><br>8" x 5" x 1.1/2". MANGANESE STEEL.         | Timken<br>ADS. 2960      | 30292<br>30295<br>30297 | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>LINERS.</u>  |                          |                         |                         |                |
| <u>Axleguard.</u><br>9.1/2" x 4.7/8" x 1.1/4". MANGANESE STEEL. | Timken<br>ADS. 3191      | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30405 |



| DESCRIPTION.   | DRG. NO.                    | LOT NOS.                    |                         |                |
|--|-----------------------------|-----------------------------|-------------------------|----------------|
| <u>LINERS.</u>   |                             |                             |                         |                |
| <u>Axleguard.</u><br>9.1/2" x 4.7/8" x 1.3/8". MANGANESE STEEL.        | Tinken<br>ADS. 2830.        | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>LINERS.</u>   |                             |                             |                         |                |
| <u>Axleguard.</u><br>10.3/8" x 4.1/4" x 1.1/8" o/all. MANGANESE STEEL. | Birmingham<br>A. 11553/Q    | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>LINKS.</u>  |                             |                             |                         |                |
| <u>Torque Arm.</u><br>See Catalogue No. 9/14/29091.                    | A.E.C. Pt. No.<br>Y. 33493. | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>NIPPLES.</u>  |                             |                             |                         |                |
| <u>Grease.</u><br>See Catalogue No. 9/14/29301.<br>DIAGRAM 3. ITEM 8.  |                             | 30290-303<br>30404<br>30405 |                         |                |
| <u>NUTS.</u>   |                             |                             |                         |                |
| <u>Axle Bolt. Final Drive.</u><br>Standard 7/16" B.S.F.                | A.E.C. Pt. No.<br>86-35     | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>NUTS.</u>   |                             |                             |                         |                |
| <u>Axleguard Bridle.</u><br>See Catalogue No. 9/14/29501.              | Birmingham<br>A. 11553/U    | 30290-303<br>30404<br>30405 |                         |                |



| DESCRIPTION.   | DRG. NO.                | LOT NOS.                    |                         |                |
|--|-------------------------|-----------------------------|-------------------------|----------------|
| <u>NUTS.</u><br><u>Bearing Spring Eyebolt.</u><br>See Catalogue No. 9/18/28000.      | Birmingham<br>A.11581/E | 30290-303<br>30404<br>30405 |                         |                |
| <u>NUTS.</u><br><u>Link, Torque Arm, Final Drive.</u><br>1" BSF. Standard.           | A.E.C. Pt. No.<br>86-42 | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>NUTS.</u><br><u>Swing Beam Suspension.</u><br>See Catalogue No. 9/14/29591        | Birmingham<br>A.11581/D | 30290-303<br>30404<br>30405 |                         |                |
| <u>PACKING.</u><br><u>Axleguard Liner.</u><br>10" x 3.3/4" x 7/16" thick. STEEL.     | Birmingham<br>A.11578/J | 30292<br>30295<br>30297     | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>PACKING.</u><br><u>Axleguard Liner.</u><br>10.3/8" x 3.3/4" x 7/64" thick. STEEL. | Birmingham<br>A.11553/L | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PACKINGS.</u><br><u>Saddle.</u><br>11.7/8" x 4" x 1/4". 7" hole centres. 'BALATA' | Birmingham<br>A.11581/G | 30290-303<br>30404<br>30405 |                         |                |
| <u>PADS.</u><br><u>Bottom Centre Casting.</u><br>See Catalogue No. 9/14/30101        | Birmingham<br>A.11573/A | 30290-303<br>30404<br>30405 |                         |                |



| DESCRIPTION.  | DRG. NO.                   | LOT NOS.                    |                         |                |
|---|----------------------------|-----------------------------|-------------------------|----------------|
| <u>PADS.</u><br><u>Bearing Spring.</u><br>See Catalogue No. 9/18/29151.   | Birmingham<br>A.11581/B    | 30290-303<br>30404<br>30405 |                         |                |
| <u>PIECES.</u><br><u>Abutement.</u><br>6.7/8" dia x 2.1/2" STEEL.<br>DIAGRAM 3. ITEM 4.   | Timken<br>ADS. 2632        | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PIECES.</u><br><u>Abutement</u><br>6" x 1.5/8" x 1". STEEL.<br>DIAGRAM 3. ITEM 4.  | Timken<br>ADS. 2115        | 30292<br>30295<br>30297     | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>PIECES.</u><br><u>Distance, Torque Arm.</u><br>See Catalogue No. 9/14/30191.   | A.E.C. Pt. No.<br>Z7/44861 | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PINS.</u><br><u>Bearing Spring Eyebolt.</u><br>See Catalogue No. 9/18/29300.   | Birmingham<br>A.11581/F    | 30290-303<br>30404<br>30405 |                         |                |
| <u>PINS.</u><br><u>Cotter Split.</u><br>3/16" dia x 2.1/4" long.  | A.E.C. Pt. No.<br>100-25   | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PINS.</u><br><u>Bogie Centre or Kingpin.</u><br>1'0.3/4" u/head to end x 2.1/4" dia. Slotted 2.1/8" x 7/16"<br>Cheese Head. STEEL. | Birmingham<br>A.11573/D    | 30290-303<br>30404<br>30405 |                         |                |



| DESCRIPTION.  | DRC. NO.                               | LOT NOS.                |                         |                |
|---|--|-------------------------|-------------------------|----------------|
| <u>PINS.</u><br>Cotter Split. Final Drive.<br>3/32" dia x 1.1/4" long.    | A.E.C. Pt. No.<br>100-9                | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PINS.</u><br>Torque Arm.<br>See Catalogue No. 9/14/30281               | A.E.C. Pt. No.<br>Z1/47092<br>Z1/47035 | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES.</u><br>Arch.<br>1'1.1/2" x 1'0.3/4" x 8" x 5/8" thick. STEEL.  | Birmingham<br>A.11578/A                | 30292<br>30295<br>30297 | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>PLATES.</u><br>Arch.<br>1'1.7/8" x 1'0.7/8" x 8" x 1/2" thick. STEEL.  | Birmingham<br>A.11553/B                | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES.</u><br>Axleguard Back.<br>See Catalogue No. 9/14/30351.        | Birmingham<br>A.11578/K                | 30292<br>30295<br>30297 | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>PLATES.</u><br>Axleguard Liner.<br>10.3/8" x 3.3/4" x 1" o/all. STEEL. | Birmingham<br>A.11553/P                | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |



| DESCRIPTION.   | DRG. NO.                | LOT NOS.                    |                         |                |
|--|-------------------------|-----------------------------|-------------------------|----------------|
| <u>PLATES.</u><br><u>Bolster Side Wearing.</u><br>See Catalogue No. 9/11/30431                                   | Birmingham<br>A.11557/A | 30290-303<br>30404<br>30405 |                         |                |
| <u>PLATES.</u><br><u>Dividing Auxiliary Bearing Spring.</u><br>2.1/16" i/dia x 7.5/8" o/dia x 1/2" thick. STEEL. | Birmingham<br>A.11556/F | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES.</u><br><u>Dividing Auxiliary Bearing Spring.</u><br>See Catalogue No. 9/11/30591.                     | Birmingham<br>A.11556/H | 30292<br>30295<br>30297     | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>PLATES.</u><br><u>Flange Solebar.</u><br>11.7/8" x 10.1/2" x 4.1/4" x 1/2" thick. STEEL.                      | Birmingham<br>A.11553/H | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES.</u><br><u>Flange Solebar.</u><br>9.3/4" x 9.3/4" x 4.1/4" x 1/2" thick. STEEL.                        | Birmingham<br>A.11578/B | 30292<br>30295<br>30297     | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>PLATES.</u><br><u>Flange Solebar.</u><br>9.3/4" x 9.3/4" x 4.1/4" x 1/2" thick with two 11/16" dia holes.     | Birmingham<br>A.11578/N | 30297<br>30405              |                         |                |



| DESCRIPTION.   | DRG. NO.                             | LOT NOS.                |                         |                |
|--|--------------------------------------|-------------------------|-------------------------|----------------|
| <u>PLATES.</u>   |                                      |                         |                         |                |
| <u>Flange Solebar.</u><br>11.7/8" x 10.1/2" x 4.1/4" x 1/2" thick with two 11/16" dia holes.<br>STEEL. | Birmingham<br>A.11553/C <sup>A</sup> | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES.</u>   |                                      |                         |                         |                |
| <u>Gusset Bottom.</u><br>3'4" x 9.1/2" x 3/8" thick. STEEL.  | Birmingham<br>A.11553/Z              | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES. Gusset.</u>   |                                      |                         |                         |                |
| 1'0.7/8" x 11.7/8" x 3/8" thick. Offset 1.5/32" L.H. STEEL.  | Birmingham<br>A.11553/W              | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES.</u>   |                                      |                         |                         |                |
| <u>Gusset.</u><br>1'0.7/8" x 11.7/8" x 3/8" thick. Offset 1.5/32" R.H. STEEL.                          | Birmingham<br>A.11553/V              | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES.</u>   |                                      |                         |                         |                |
| <u>Gusset.</u><br>1'8.5/8" x 1'8.5/8" x 3/8" thick. Offset 1.5/32" L.H. STEEL.                         | Birmingham<br>A.11553/T              | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES.</u>   |                                      |                         |                         |                |
| <u>Gusset.</u><br>1'8.5/8" x 1'8.5/8" x 3/8" thick. Offset 1.5/32" R.H. STEEL.                         | Birmingham<br>A.11553/S              | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |



| DESCRIPTION.  | DRG. NO.                              | LOT NOS.                    |                         |                |
|---|---------------------------------------|-----------------------------|-------------------------|----------------|
| <u>PLATES.</u>  |                                       |                             |                         |                |
| <u>Gusset. Top.</u><br>2'6" x 6" x 3" x 3/8" thick. STEEL.                                    | Birmingham<br>A. 11553/A <sup>A</sup> | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES.</u>  |                                       |                             |                         |                |
| <u>Inspection.</u><br>8.1/8" dia x 1" over convexed surface. CAST IRON.<br>DIAGRAM 3. ITEM 3. | Timken<br>ADM. 1050.                  | 30290-303<br>30404<br>30405 |                         |                |
| <u>PLATES &amp; SHIELDS.</u>  |                                       |                             |                         |                |
| <u>Reaction Spring. Torque Arm.</u><br>See Catalogue No. 9/14/31000.                          | A.E.C. Pt. No.<br>Y. 9707             | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES.</u>  |                                       |                             |                         |                |
| <u>Reaction Spring. Torque Arm.</u><br>See Catalogue No. 9/14/30749.                          | A.E.C. Pt. No.<br>Y. 33490            | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES.</u>  |                                       |                             |                         |                |
| <u>Stiffener Solebar.</u><br>5.1/4" x 5.1/8" tapering to 3.5/8" x 3/8" thick. L.H. STEEL.     | Birmingham<br>A. 11578/F              | 30292<br>30295<br>30297     | 30299<br>30300<br>30302 | 30405<br>30303 |
| <u>PLATES.</u>  |                                       |                             |                         |                |
| <u>Stiffener. Solebar.</u><br>10.3/8" x 2.1/4" tapering to 1/2" x 3/8" thick. STEEL.          | Birmingham<br>A. 11578/H              | 30292<br>30295<br>30297     | 30299<br>30300<br>30302 | 30303<br>30405 |



| DESCRIPTION.  | DRG. NO.   | LOT NOS.  |       |       |
|---|------------|-----------|-------|-------|
| <u>PLATES.</u>  |            |           |       |       |
| <u>Stiffener. Solebar.</u>                                    | Birmingham | 30292     | 30299 | 30303 |
| 5.1/4" x 5.1/8" tapering to 3.5/8" x 3/8" R.H. STEEL.         | A.11578/E  | 30295     | 30300 | 30405 |
|   |            | 30297     | 30302 |       |
| <u>PLATES.</u>  |            |           |       |       |
| <u>Stiffener. Solebar.</u>                                    | Birmingham | 30292     | 30299 | 30303 |
| 7.7/8" x 5.1/8" tapering to 3.5/8" x 3/8" R.H. STEEL.         | A.11578/C  | 30295     | 30300 | 30405 |
|   |            | 30297     | 30302 |       |
| <u>PLATES.</u>  |            |           |       |       |
| <u>Stiffener Solebar.</u>                                     | Birmingham | 30292     | 30299 | 30303 |
| 7.7/8" x 5.1/8" tapering to 3.5/8" x 3/8" thick. L.H. STEEL.  | A.11578/D  | 30295     | 30300 | 30405 |
|   |            | 30297     | 30302 |       |
| <u>PLATES.</u>  |            |           |       |       |
| <u>Stiffener. Solebar.</u>                                    | Birmingham | 30290     | 30294 | 30301 |
| 11.13/32" x 2.1/4" tapering to 1/2" x 3/8" thick. L.H. STEEL. | A.11553/N  | 30291     | 30296 | 30404 |
|   |            | 30293     | 30298 |       |
| <u>PLATES.</u>  |            |           |       |       |
| <u>Stiffener Solebar.</u>                                     | Birmingham | 30290     | 30294 | 30301 |
| 11.13/32" x 2.1/4" tapering to 1/2" x 3/8" thick R.H. STEEL.  | A.11553/M  | 30291     | 30296 | 30404 |
|   |            | 30293     | 30298 |       |
| <u>PLATES.</u>  |            |           |       |       |
| <u>Stiffener Solebar.</u>                                     | Birmingham | 30290-303 |       |       |
| 2.5/8" x 1.1/2" tapering to 1/2" x 1/2" thick. STEEL.         | A.11553/K  | 30404     |       |       |
|   |            | 30405     |       |       |



| DESCRIPTION.  | DRG. NO.                  | LOT NOS.                |                         |                |
|---|---------------------------|-------------------------|-------------------------|----------------|
| <u>PLATES.</u>  |                           |                         |                         |                |
| <u>Stiffener Solebar.</u><br>6.7/8" x 5.1/8" tapering to 3.5/8" x 3/8" R.H. STEEL.  | Birmingham<br>A.11553/D   | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES.</u>  |                           |                         |                         |                |
| <u>Stiffener Solebar.</u><br>6.7/8" x 5.1/8" tapering to 3.5/8" x 3/8" L.H. STEEL.  | Birmingham<br>A.11553/E   | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES.</u>  |                           |                         |                         |                |
| <u>Stiffener Solebar.</u><br>5.5/16" x 5.1/8" tapering to 3.5/8" x 3/8" R.H. STEEL. | Birmingham<br>A.11553/F   | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>PLATES.</u>  |                           |                         |                         |                |
| <u>Stiffener Solebar.</u><br>5.5/16" x 5.1/8" tapering to 3.5/8" x 3/8" L.H. STEEL. | Birmingham<br>A.11553/G   | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>RETAINERS.</u>   |                           |                         |                         |                |
| <u>Bearing Housing. Final Drive.</u><br>See Catalogue No. 9/14/31201.               | A.E.C. Pt. No.<br>F.30709 | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>RINGS.</u>   |                           |                         |                         |                |
| <u>Gland. Final Drive.</u><br>See Catalogue No. 9/14/31253.                         | A.E.C. Pt. No.<br>F.16836 | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |



| DESCRIPTION.   | DRG. NO.                   | LOT NOS.                    |                         |                |
|--|----------------------------|-----------------------------|-------------------------|----------------|
| <u>ROLLERS.</u>  |                            |                             |                         |                |
| <u>Axlebox.</u><br>DIAGRAM 3. ITEM 10.   | Timken<br>7713C            | 30292<br>30295<br>30297     | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>SADDLES.</u>  |                            |                             |                         |                |
| <u>Rocking Bar.</u><br>See Catalogue No. 9/14/31651<br>DIAGRAM 1. ITEM 5. DIAGRAM 2. ITEM 5. | Birmingham<br>A. 11581/C   | 30290-303<br>30404<br>30405 |                         |                |
| <u>SEALS.</u>  |                            |                             |                         |                |
| <u>Oil. Final Drive.</u><br>See Catalogue No. 9/14/31662.                                    | A.E.C. Pt. No.<br>5091-115 | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>SHIELDS.</u>  |                            |                             |                         |                |
| <u>Oil. Reaction Spring. Torque Arm.</u><br>See Catalogue No. 9/14/31691.                    | A.E.C. Pt. No.<br>Y. 33492 | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>SHIELDS.</u>  |                            |                             |                         |                |
| <u>Plate. Torque Arm.</u><br>See Catalogue No. 9/14/31711.                                   | A.E.C. Pt. No.<br>Y. 33489 | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>SHIMS</u>   |                            |                             |                         |                |
| <u>Adjustment.</u><br>DIAGRAM 3. ITEM 5.   | Timken<br>ADS 2834         | 30290<br>30291<br>30293     | 30294<br>30296<br>30298 | 30301<br>30404 |



| DESCRIPTION.  | DRG. NO.                | LOT NOS.                |                         |                |
|---|-------------------------|-------------------------|-------------------------|----------------|
| <u>SHIMS.</u>   |                         |                         |                         |                |
| <u>Adjustment.</u><br>8.1/8" x 8.1/8" x 0.005" BRASS.<br>DIAGRAM 3. ITEM 5.   | Timken<br>ADM. 832.     | 30292<br>30295<br>30297 | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>SHIMS.</u>   |                         |                         |                         |                |
| <u>Adjustment.</u><br>8.1/8" x 8.1/8" x 0.010" BRASS<br>DIAGRAM 3. ITEM 5.  | Timken<br>ADM. 832      | 30292<br>30295<br>30297 | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>SPRINGS.</u>   |                         |                         |                         |                |
| <u>Auxiliary Bearing.</u><br>No. 417. 2.1/16" i/dia x 7.5/8" o/dia x 1" thick. RUBBER & STEEL.<br>DIAGRAM 1. ITEM 17.                                 | Birmingham<br>A.11556/G | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>SPRINGS.</u>   |                         |                         |                         |                |
| <u>Auxiliary Bearing.</u><br>See Catalogue No. 9/11/31751.<br>DIAGRAM 2. ITEM 12.   | Birmingham<br>A.11556/J | 30292<br>30295<br>30297 | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>SPRINGS.</u>   |                         |                         |                         |                |
| <u>Bolster.</u><br><u>I/dia.</u> <u>O/dia.</u> <u>Free Height.</u> <u>Position.</u><br>2.3/4"      4"      12.1/2"      Inner.<br>DIAGRAM 1. ITEM 10. | Birmingham<br>A.11587/D | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>SPRINGS.</u>   |                         |                         |                         |                |
| <u>Bolster.</u><br><u>I/dia.</u> <u>O/dia.</u> <u>Free Height.</u> <u>Position.</u><br>4.1/8"      5.7/8"      10"      Inner.<br>DIAGRAM 2. ITEM 8.  | Birmingham<br>A.11587/G | 30292<br>30295<br>30297 | 30299<br>30300<br>30302 | 30303<br>30405 |



| DESCRIPTION.                  |               |                     |                  | DRG. NO.       | LOT NOS. |       |       |
|-------------------------------|---------------|---------------------|------------------|----------------|----------|-------|-------|
| <u>SPRINGS.</u>               |               |                     |                  |                |          |       |       |
| <u>Bolster.</u>               |               |                     |                  | Birmingham     | 30290    | 30294 | 30301 |
| <u>I/dia.</u>                 | <u>O/dia.</u> | <u>Free Height.</u> | <u>Position.</u> | A. 11587/C     | 30291    | 30296 | 30404 |
| 4. 1/2"                       | 6. 1/2"       | 12. 1/2"            | Middle.          |                | 30293    | 30298 |       |
| <u>SPRINGS.</u>               |               |                     |                  |                |          |       |       |
| <u>Bolster.</u>               |               |                     |                  | Birmingham     | 30290    | 30294 | 30301 |
| <u>I/dia.</u>                 | <u>O/dia.</u> | <u>Free Height.</u> | <u>Position.</u> | A. 11587/B     | 30291    | 30296 | 30404 |
| 6. 13/16"                     | 9. 11/16"     | 12. 1/2"            | Outer.           |                | 30293    | 30298 |       |
| DIAGRAM 1.                    | ITEM 9.       |                     |                  |                |          |       |       |
| <u>SPRINGS.</u>               |               |                     |                  |                |          |       |       |
| <u>Bolster.</u>               |               |                     |                  | Birmingham     | 30292    | 30299 | 30303 |
| <u>I/dia.</u>                 | <u>O/dia.</u> | <u>Free Height.</u> | <u>Position.</u> | A. 11587/F     | 30295    | 30300 | 30405 |
| 6. 7/8"                       | 9. 5/8"       | 10"                 | Outer.           |                | 30297    | 30302 |       |
| DIAGRAM 2.                    | ITEM 7.       |                     |                  |                |          |       |       |
| <u>SPRINGS.</u>               |               |                     |                  |                |          |       |       |
| <u>Reaction. Torque Arm.</u>  |               |                     |                  | A.E.C. Pt. No. | 30290    | 30294 | 30301 |
| See Catalogue No. 9/14/32011. |               |                     |                  | F. 30910       | 30291    | 30296 | 30404 |
|                               |               |                     |                  |                | 30293    | 30298 |       |
| <u>SPRINGS.</u>               |               |                     |                  |                |          |       |       |
| <u>Side Bearing.</u>          |               |                     |                  | Birmingham     | 30290    | 30294 | 30301 |
| See Catalogue No. 9/14/32100. |               |                     |                  | A. 11562/A     | 30291    | 30296 | 30404 |
| DIAGRAM 1.                    | ITEM 21.      |                     |                  |                | 30293    | 30298 |       |
| <u>SPRINGS.</u>               |               |                     |                  |                |          |       |       |
| <u>Side Bearing.</u>          |               |                     |                  | Birmingham     | 30292    | 30299 | 30303 |
| See Catalogue No. 9/14/32110. |               |                     |                  | A. 11562/B     | 30295    | 30300 | 30405 |
| DIAGRAM 2.                    | ITEM 16.      |                     |                  |                | 30297    | 30302 |       |



| DESCRIPTION.   | DRG. NO.                 | LOT NOS.                    |                           |                |
|--|--------------------------|-----------------------------|---------------------------|----------------|
| <u>STEPS.</u>  |                          |                             |                           |                |
| <u>Bogie.</u><br>6.5/8" x 4.1/2" x 1.1/2" x 1/4" thick. STEEL.                             | Birmingham<br>A. 11584/C | 30290<br>30291<br>30293     | 30294<br>30296-8<br>30301 | 30404<br>30405 |
| <u>STEPS.</u>  |                          |                             |                           |                |
| <u>Bogie.</u><br>1'0" x 4.1/2" x 1.1/2" x 1/4" thick. STEEL.                               | Birmingham<br>A. 11584/D | 30290<br>30291<br>30293     | 30294<br>30296-8<br>30301 | 30404<br>30405 |
| <u>VENTS.</u>  |                          |                             |                           |                |
| <u>Air.</u><br>1/4" B.S.P.   | Timken<br>ADS. 1198      | 30290-303<br>30404<br>30405 |                           |                |
| <u>WASHERS.</u>  |                          |                             |                           |                |
| <u>Joint. Axlebox.</u><br>See Catalogue No. 9/14/33452. MARSELINE.<br>DIAGRAM 3. ITEM 13.  | Timken<br>ADS. 2633      | 30290-303<br>30404<br>30405 |                           |                |
| <u>WASHERS.</u>  |                          |                             |                           |                |
| <u>Torque Arm. Final Drive.</u><br>1" i/dia x 1.7/8" o/dia x 5/32" chamfered at 30° STEEL. | A.E.C. Pt. No.<br>134-11 | 30290<br>30291<br>30293     | 30294<br>30296<br>30298   | 30301<br>30404 |
| <u>WHEELS.</u>   |                          |                             |                           |                |
| See Catalogue No. 9/14/33475   | Birmingham<br>A. 11590   | 30292<br>30295<br>30297     | 30299<br>30300<br>30302   | 30303<br>30405 |



| DESCRIPTION.                |  |                                      | DRG. NO. | LOT NOS.                 |                         |                         |                |
|-----------------------------|--|--------------------------------------|----------|--------------------------|-------------------------|-------------------------|----------------|
| <u>WHEELS &amp; AXLES.</u>  |  |                                      |          |                          |                         |                         |                |
| <u>Tread Dia.</u><br>3'0"   | <u>Type of Axle.</u><br>Trailing, Ordinary.                          | <u>Wheel Seat Dia.</u><br>5.13/16"   | STEEL.   | Birmingham<br>A. 11590/B | 30292<br>30295<br>30297 | 30299<br>30300<br>30302 | 30303<br>30405 |
| <u>WHEELS.</u>              |  |                                      |          |                          |                         |                         |                |
| <u>Tread Dia.</u><br>3'0"   | <u>Wheel Seat Dia.</u><br>6.3/16"                                    | Complete with Retaining Ring. STEEL. |          | Birmingham<br>A. 11565   | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>WHEELS. &amp; AXLES.</u> |  |                                      |          |                          |                         |                         |                |
| <u>Tread Dia.</u><br>3'0"   | <u>Type of Axle.</u><br>Driving with Gear Seat<br>13/16" off centre. | <u>Wheel Seat Dia.</u><br>6.3/16"    | STEEL.   | Birmingham<br>A. 11565/A | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>WHEELS &amp; AXLES.</u>  |  |                                      |          |                          |                         |                         |                |
| <u>Tread Dia.</u><br>3'0"   | <u>Type of Axle.</u><br>Trailing, Ordinary.                          | <u>Wheel Seat Dia.</u><br>6.3/16"    | STEEL.   | Birmingham<br>A. 11565/B | 30290<br>30291<br>30293 | 30294<br>30296<br>30298 | 30301<br>30404 |
| <u>WHEELS &amp; AXLES.</u>  |  |                                      |          |                          |                         |                         |                |
| <u>Tread Dia.</u><br>3'0"   | <u>Type of Axle.</u><br>Trailing with Dynamo Pulley                  | <u>Wheel Seat Dia.</u><br>5.13/16"   | STEEL.   | Birmingham<br>A. 11590/A | 30292<br>30295<br>30297 | 30299<br>30300<br>30302 | 30303<br>30405 |



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