

# BIAS-PLY REPAIR APPLICATION CHART

**Note: Injury MUST be within repairable limits. Refer to our catalog for repair limitations.**

## USING THIS CHART:

1. Use the appropriate section of this chart for the repair being performed.
2. Note the ply rating of the tire being repaired and locate this on the left hand column of appropriate section.
3. Measure the injury being repaired across the largest area of broken or removed cord. Locate this injury size, or next largest size listed, along the top row.
4. Use the specified repair unit where the column and row intersect.

| CP#  | Part No. | BN#   | Part No. |
|------|----------|-------|----------|
| CP0  | 11-386   | BN1   | 11-488   |
| CP1  | 11-387   | BN2   | 11-489   |
| CP2  | 11-388   | BN3   | 11-490   |
| CP3  | 11-453   | BN4   | 11-491   |
| CP4  | 11-454   | BN5   | 11-492   |
| CP5  | 11-455   | BN7   | 11-493   |
| CP6  | 11-456   | BN8   | 11-494   |
| CP7  | 11-457   | BN9   | 11-495   |
| CP8  | 11-458   | BN10  | 11-496   |
| CP9  | 11-459   | BN12  | 11-497   |
| CP10 | 11-4510  | BN15  | 11-498   |
|      |          | BN20  | 11-499   |
| CPT0 | 11-460   |       |          |
| CPT1 | 11-461   | BNT20 | 11-480   |
| CPT2 | 11-462   | BNT21 | 11-481   |
| CPT3 | 11-463   | BNT22 | 11-482   |
| CPT4 | 11-464   | BNT23 | 11-483   |
| CPT5 | 11-465   | BNT24 | 11-484   |
| CPT6 | 11-466   | BNT25 | 11-485   |
| CPT7 | 11-467   |       |          |

| PLY RATING                                | INJURY SIZE   |               |               |               |               |               |                |               |                |               |               |               |               |               |               |               |               |
|---|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|   | 3mm<br>1/8"   | 6mm<br>1/4"   | 10mm<br>3/8"  | 15mm<br>1/2"  | 20mm<br>3/4"  | 25mm<br>1"    | 40mm<br>1 1/2" | 50mm<br>2"    | 65mm<br>2 1/2" | 75mm<br>3"    | 100mm<br>4"   | 125mm<br>5"   | 150mm<br>6"   | 175mm<br>7"   | 200mm<br>8"   | 225mm<br>9"   | 250mm<br>10"  |
| <b>PASSENGER, TRUCK, &amp; EARTHMOVER</b> |               |               |               |               |               |               |                |               |                |               |               |               |               |               |               |               |               |
| 4   | CP0<br>BN1    | CP0<br>BN1    | CP1<br>BN2    | CP2<br>BN3    | CP3<br>BN4    | CP3<br>BN4    | CP4<br>BN4     | CP5<br>BN7    | CP6<br>BN9     |               |               |               |               |               |               |               |               |
| 6   | CP0<br>BN1    | CP0<br>BN2    | CP1<br>BN3    | CP2<br>BN4    | CP3<br>BN5    | CP3<br>BN5    | CP4<br>BN8     | CP5<br>BN9    | CP6<br>BN10    |               |               |               |               |               |               |               |               |
| 8   | CP0<br>BN1    | CP0<br>BN2    | CP2<br>BN3    | CP3<br>BN4    | CP3<br>BN5    | CP4<br>BN5    | CP4<br>BN8     | CP5<br>BN9    | CP6<br>BN10    |               |               |               |               |               |               |               |               |
| 10  | CP0<br>BN1    | CP1<br>BN3    | CP2<br>BN4    | CP3<br>BN5    | CP3<br>BN7    | CP4<br>BN9    | CP5<br>BN10    | CP6<br>BN10   | CP6<br>BN10    | CP7<br>BN12   | CP8<br>BN12   |               |               |               |               |               |               |
| 12  | CP0<br>BN1    | CP1<br>BN3    | CP2<br>BN4    | CP4<br>BN5    | CP4<br>BN7    | CP4<br>BN9    | CP5<br>BN9     | CP6<br>BN10   | CP6<br>BN10    | CP6<br>BN10   | CP7<br>BN12   | CP8<br>BN12   |               |               |               |               |               |
| 14  | CP0<br>BN1    | CP1<br>BN3    | CP3<br>BN4    | CP4<br>BN5    | CP4<br>BN8    | CP5<br>BN10   | CP6<br>BN10    | CP6<br>BN12   | CP7<br>BN12    | CP7<br>BN12   | CP8<br>BN15   | CP10<br>BN20  |               |               |               |               |               |
| 16  | CP0<br>BN1    | CP1<br>BN3    | CP4<br>BN4    | CP4<br>BN5    | CP5<br>BN8    | CP5<br>BN10   | CP6<br>BN10    | CP6<br>BN12   | CP7<br>BN12    | CP7<br>BN12   | CP8<br>BN15   | CP10<br>BN20  |               |               |               |               |               |
| 18  | CP0<br>BN2    | CP1<br>BN3    | CP4<br>BN5    | CP5<br>BN7    | CP5<br>BN9    | CP6<br>BN10   | CP6<br>BN12    | CP7<br>BN15   | CP8<br>BN15    | CP8<br>BN15   | CP9<br>BN15   | CP10<br>BN20  |               |               |               |               |               |
| 20  | CP0<br>BN2    | CP1<br>BN3    | CP4<br>BN5    | CP5<br>BN7    | CP5<br>BN9    | CP6<br>BN10   | CP7<br>BN12    | CP8<br>BN15   | CP8<br>BN15    | CP9<br>BN15   | CP9<br>BN15   | CP10<br>BN20  |               |               |               |               |               |
| 22  | CP0<br>BN2    | CP1<br>BN3    | CP4<br>BN5    | CP6<br>BN8    | CP6<br>BN10   | CP7<br>BN10   | CP8<br>BN12    | CP8<br>BN15   | CP8<br>BN15    | CP9<br>BN15   | CP10<br>BN20  |               |               |               |               |               |               |
| 24  | CP0<br>BN2    | CP1<br>BN3    | CP4<br>BN5    | CP6<br>BN8    | CP6<br>BN10   | CP7<br>BN10   | CP8<br>BN12    | CP8<br>BN15   | CP8<br>BN15    | CP9<br>BN15   | CP10<br>BN20  |               |               |               |               |               |               |
| <b>FARM, TRACTOR, SKIDDER</b>             |               |               |               |               |               |               |                |               |                |               |               |               |               |               |               |               |               |
| 4   | CP0<br>BN3    | CP0<br>BN4    | CP1<br>BN4    | CP2<br>BN5    | CP3<br>BN7    | CP3<br>BN8    | CP4<br>BN8     | CP5<br>BN9    | CPT0<br>BN9    | CPT0<br>BNT20 | CPT1<br>BNT20 | CPT2<br>BNT21 | CPT2<br>BNT21 | CPT3<br>BNT21 | CPT3<br>BNT22 |               |               |
| 6   | CP0<br>BN3    | CP0<br>BN4    | CP1<br>BN4    | CP2<br>BN5    | CP3<br>BN7    | CP3<br>BN8    | CP4<br>BN8     | CP5<br>BN9    | CPT0<br>BN9    | CPT0<br>BNT20 | CPT1<br>BNT20 | CPT2<br>BNT21 | CPT2<br>BNT21 | CPT3<br>BNT22 | CPT3<br>BNT22 |               |               |
| 8   | CP0<br>BN3    | CP1<br>BN4    | CP2<br>BN5    | CP2<br>BN7    | CP3<br>BN8    | CP4<br>BN8    | CP4<br>BN9     | CP5<br>BN9    | CPT0<br>BNT20  | CPT0<br>BNT20 | CPT1<br>BNT20 | CPT2<br>BNT21 | CPT2<br>BNT21 | CPT3<br>BNT22 | CPT3<br>BNT25 | CPT6<br>BNT25 | CPT7<br>BNT25 |
| 10  | CP0<br>BN3    | CP1<br>BN4    | CP2<br>BN5    | CP3<br>BN7    | CP3<br>BN8    | CP4<br>BN8    | CP5<br>BN9     | CP6<br>BN9    | CPT1<br>BNT20  | CPT1<br>BNT20 | CPT4<br>BNT23 | CPT5<br>BNT24 | CPT5<br>BNT24 | CPT6<br>BNT25 | CPT6<br>BNT25 | CPT7<br>BNT25 | CPT7<br>BNT25 |
| 12  | CP0<br>BN3    | CP1<br>BN4    | CP2<br>BN5    | CP4<br>BN7    | CP4<br>BN8    | CP4<br>BN8    | CP5<br>BN9     | CP6<br>BN9    | CPT4<br>BNT23  | CPT4<br>BNT23 | CPT4<br>BNT23 | CPT5<br>BNT24 | CPT5<br>BNT24 | CPT6<br>BNT25 | CPT7<br>BNT25 | CPT7<br>BNT25 | CPT7<br>BNT25 |
| 14  | CP0<br>BN4    | CP1<br>BN5    | CP4<br>BN7    | CP4<br>BN8    | CP4<br>BN8    | CP5<br>BN9    | CP6<br>BN10    | CP6<br>BN10   | CPT4<br>BNT23  | CPT5<br>BNT24 | CPT5<br>BNT24 | CPT5<br>BNT24 | CPT6<br>BNT24 | CPT6<br>BNT25 | CPT7<br>BNT25 | CPT7<br>BNT25 | CPT7<br>BNT25 |
| 16  | CP0<br>BN4    | CP1<br>BN5    | CP4<br>BN7    | CP4<br>BN8    | CP5<br>BN8    | CP5<br>BN9    | CP6<br>BN10    | CP6<br>BNT23  | CPT5<br>BNT24  | CPT5<br>BNT24 | CPT5<br>BNT24 | CPT6<br>BNT24 | CPT6<br>BNT25 | CPT6<br>BNT25 | CPT7<br>BNT25 | CPT7<br>BNT25 |               |
| 18  | CP0<br>BN5    | CP1<br>BN7    | CP4<br>BN8    | CP5<br>BN9    | CP5<br>BN9    | CP6<br>BN10   | CPT2<br>BNT23  | CPT3<br>BNT24 | CPT5<br>BNT24  | CPT6<br>BNT24 | CPT6<br>BNT24 | CPT6<br>BNT25 | CPT6<br>BNT25 | CPT7<br>BNT25 | CPT7<br>BNT25 |               |               |
| <b>REINFORCEMENT REPAIRS</b>              |               |               |               |               |               |               |                |               |                |               |               |               |               |               |               |               |               |
| 8-12                                      | CP0<br>11-470 | CP0<br>11-470 | CP1<br>11-470 | CP2<br>11-470 | CP3<br>11-471 | CP3<br>11-472 | CP4<br>11-472  | CP4<br>11-474 | CP5<br>11-475  | CP6<br>11-476 | CP7<br>11-477 | CP8<br>11-478 |               |               |               |               |               |
| 14-18                                     | CP0<br>11-470 | CP0<br>11-470 | CP1<br>11-471 | CP2<br>11-471 | CP4<br>11-471 | CP4<br>11-472 | CP5<br>11-473  | CP5<br>11-473 | CP6<br>11-475  | CP6<br>11-476 | CP7<br>11-477 | CP8<br>11-479 |               |               |               |               |               |
| 20-24                                     | CP0<br>11-470 | CP0<br>11-470 | CP2<br>11-471 | CP4<br>11-472 | CP5<br>11-473 | CP5<br>11-474 | CP6<br>11-474  | CP6<br>11-476 | CP7<br>11-477  | CP7<br>11-477 | CP8<br>11-478 | CP9<br>11-479 |               |               |               |               |               |