

**Department of Infrastructure, Transport, Regional Development, Communications and the Arts**

**Vehicle Safety Operations Branch**

# Road-Friendly Suspension Certificate Number (RFCN):

**Issue Date: 3 March 2025**

The Assistant Secretary, Vehicle Safety Standards Branch has assessed the information in Schedule 3 for the suspension described in Road Friendly Certificate Schedule 2, which the Supplier identified in Schedule 1 has submitted as complying with the road-friendliness requirements as specified in National Road Transport Commission (NRTC) publication ‘Road-Friendly Suspension – Performance and Component Requirements, and Acceptable Test methods’. This information will be acceptable for use as evidence of compliance with the requirements specified in the NRTC publication provided the suspension is installed according to the Supplier’s nominated installation instructions identified in Schedule 3.

The issue of this Certificate is subject to the following conditions:

1. The Supplier shall not quote the Road-Friendly Certificate Number in respect of a suspension which is not the suspension certified in the Road–Friendly Suspension certificate with that number.
2. Without the prior approval of the Assistant Secretary, Vehicle Safety Standards Branch, the Supplier shall not quote Road-Friendly Certificate Number in respect of a suspension, that is in any way different from the suspension described in the final form of the application for this Suspension Certificate Number. The application includes reports and other information relating to the application.
3. The Supplier shall by detailed quality control and test ensure continuing compliance with the requirements.
4. The Supplier shall maintain records of detailed quality control and test documentation.
5. The Supplier shall supply upon request, to Assistant Secretary, Vehicle Safety Standards Branch any additional information requested for the purpose of demonstrating compliance.
6. The Supplier shall not quote the Road-Friendly Certificate Number in respect of a suspension on or after the Expiry date specified in the certificate.
7. The Supplier shall indicate by an appropriate method (decal, label or plate) the Road-Friendly Suspension Certificate Number (RFCN) on the suspension system.
8. On cessation of marketing the specified suspension in Australia, the Supplier shall notify Assistant Secretary, Vehicle Safety Standards Branch of the date of manufacture of the last specified suspension supplied to the market in Australia.
9. If the requirements for road-friendliness are changed by the National Road Transport Commission, a new approval may be required.

Certificate No: **RF2008**

Issue Date: **3 March 2025**

Expiry Date: **Life of Mode**

## Schedule 1

Supplier Name: Hendrickson Asia Pacific Pty Ltd Supplier ID: L1710

Supplier Address: 32-44 Letcon Drive, Dandenong South VIC 3175

## Schedule 2

**Make**: Hendrickson

**Model**: HT230 & Variants

## Schedule 3

|  |  |  |  |
| --- | --- | --- | --- |
|  | Variant 1 | Variant 2 | Variant 3 |
| Variant name: | HT230 | AA250 | AANT230 |
| Number of Axles | 2 | 2 | 2 |
| Overslung/Underslung | OVERSLUNG | MIDMOUNT | OVERSLUNG |
| Maximum Axle spread (m) | 1.550 | 1.550 | 1.550 |
| Dampers Part Numbers | 21699 or 98583‑010 or 98583-011 | 21699 or 98583‑010 or 98583-011 | 21699 or 98583‑010 or 98583-011 |
| Smallest Tyre Size Designation | 17.5 | 17.5 | 17.5 |
| Highest tyre pressure (Kpa) | 690 | 690 | 690 |
| Airbag Diameter (mm) | 338 | 338 | 338 |
| Reference Drawings No of Suspension (parts list & assembly details) | HT230TA15, HT230TA17 | D-23157 | 98873-029 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Variant 4 | Variant 5 | Variant 6 |
| Variant name: | HT230 | AA250 | AANT230 |
| Number of Axles | 3 | 3 | 3 |
| Overslung/Underslung | OVERSLUNG | MIDMOUNT | OVERSLUNG |
| Maximum Axle spread (m) | 3.200 | 3.200 | 3.200 |
| Dampers Part Numbers | 21699 or 98583‑010 or 98583-011 | 21699 or 98583‑010 or 98583-011 | 21699 or 98583‑010 or 98583-011 |
| Smallest Tyre Size Designation | 17.5 | 17.5 | 17.5 |
| Highest tyre pressure (Kpa) | 690 | 690 | 690 |
| Airbag Diameter (mm) | 338 | 338 | 338 |
| Reference Drawings No of Suspension (parts list & assembly details) | HT230TA15, HT230TA17 | D-23157 | 98873-029 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Variant 7 | Variant 8 | Variant 9 |
| Variant name: | AA250L  | AA250L  | HT250US |
| Number of Axles | 2 | 3 | 3 |
| Overslung/Underslung | MIDMOUNT | MIDMOUNT | UNDERSLUNG |
| Maximum Axle spread (m) | 1.550 | 3.200 | 3.200 |
| Dampers Part Numbers | 98583-010 or 98583-011 | 98583-010 or 98583-011 | 98583-014 or 98583-010 or 98583-011 |
| Smallest Tyre Size Designation | 17.5 | 17.5 | 17.5 |
| Highest tyre pressure (Kpa) | 690 | 690 | 690 |
| Airbag Diameter (mm) | 338 | 338 | 338 |
| Reference Drawings No of Suspension (parts list & assembly details) | D-25153 | D-25153 | 98873-014 or 98873-040 or 98873-041 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Variant 10 | Variant 11 | Variant 12 |
| Variant name: | HT250US  | AD230L  | AD230L  |
| Number of Axles | 2 | 1 | 2 |
| Overslung/Underslung | UNDERSLUNG | MIDMOUNT | MIDMOUNT |
| Maximum Axle spread (m) | 1.550 | 0.000 | 1.600 |
| Dampers Part Numbers | 98583-014 or 98583-010 or 98583-011 | 25436 or 25437 | 25436 or 25437 |
| Smallest Tyre Size Designation | 17.5 | 19.5 | 19.5 |
| Highest tyre pressure (Kpa) | 690 | 690 | 690 |
| Airbag Diameter (mm) | 338 | 360 | 360 |
| Reference Drawings No of Suspension (parts list & assembly details) | 98873-014 or 98873-040 or 98873-041 | 98873-037 | 98873-037 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Variant 13 | Variant 14 | Variant 15 |
| Variant name: | AD230L  | AA300\_EDT | AA300\_EDT |
| Number of Axles | 3 | 2 | 3 |
| Overslung/Underslung | MIDMOUNT | MIDMOUNT | MIDMOUNT |
| Maximum Axle spread (m) | 3.2 | 1.550 | 3.2 |
| Dampers Part Numbers | 25436 or 25437 | 23315 or 23316 | 23315 or 23316 |
| Smallest Tyre Size Designation | 19.5 | 17.5 | 17.5 |
| Highest tyre pressure (Kpa) | 690 | 690 | 690 |
| Airbag Diameter (mm) | 360 | 338 | 338 |
| Reference Drawings No of Suspension (parts list & assembly details) | 98873-037 | 98873-033 | 98873-033 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Variant 16 | Variant 17 | Variant 18 |
| Variant name: | HT250US  | HT250US  | HT250US  |
| Number of Axles | 3 | 2 | 3 |
| Overslung/Underslung | UNDERSLUNG | UNDERSLUNG | UNDERSLANG |
| Maximum Axle spread (m) | 3.2 | 1.550 | 3.200 |
| Dampers Part Numbers | 98583-062 or 98583-063 | 98583-062 or 98583-063 | B-33431 orB-33432 |
| Smallest Tyre Size Designation | 17.5 | 17.5 | 17.5 |
| Highest tyre pressure (Kpa) | 690 | 690 | 690 |
| Airbag Diameter (mm) | 338 | 338 | 338 |
| Reference Drawings No of Suspension (parts list & assembly details) | 98873-016 | 98873-016 | 98873-016 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Variant 19 | Variant 20 | Variant 21 |
| Variant name: | HT250US  | HSDS-M  | HSDS-M  |
| Number of Axles | 2 | 3 | 2 |
| Overslung/Underslung | UNDERSLANG | Overslung | Overslung |
| Maximum Axle spread (m) | 1.550 | 3.200 | 1.550 |
| Dampers Part Numbers | B-33431 orB-33432 | B-34569 (Front)B-33313 (Rear) | B-34569 (Front)B-33313 (Rear) |
| Smallest Tyre Size Designation | 17.5 | 17.5 | 17.5 |
| Highest tyre pressure (Kpa) | 690 | 690 | 690 |
| Airbag Diameter (mm) | 338 | 371 | 371 |
| Reference Drawings No of Suspension (parts list & assembly details) | 98873-016 | 98873-211 | 98873-211 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Variant 22 | Variant 23 | Variant 24 |
| Variant name: | HSDS-M  | AANL230  | AANL230 |
| Number of Axles | 1 | 3 | 2 |
| Overslung/Underslung | Overslung | Underslung | Underslung |
| Maximum Axle spread (m) | 1.550 | 3.200 | 1.550 |
| Dampers Part Numbers | B-34569 (Front)B-33313 (Rear) | B-37192 orB-39051 | B-37192 orB-39051 |
| Smallest Tyre Size Designation | 17.5 | 17.5 | 17.5 |
| Highest tyre pressure (Kpa) | 690 | 825 | 825 |
| Airbag Diameter (mm) | 371 | 340 | 340 |
| Reference Drawings No of Suspension (parts list & assembly details) | 98873-211 | 98873-212 | 98873-212 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Variant 25 | Variant 26 | Variant 27 |
| Variant name: | AANL230 DS  | AANL230 DS  | CONNEX-ST U/S DR |
| Number of Axles | 3 | 2 | 3 |
| Overslung/Underslung | Underslug | Underslung | Underslung |
| Maximum Axle spread (m) | 3.200 | 1.550 | 3.200 |
| Dampers Part Numbers | 98583-070 | 98583-070 | 98583-073 orB-37192 |
| Smallest Tyre Size Designation | 17.5 | 17.5 | 17.5 |
| Highest tyre pressure (Kpa) | 825 | 825 | 825 |
| Airbag Diameter (mm) | 340 | 340 | 320 |
| Reference Drawings No of Suspension (parts list & assembly details) | 98873-239 | 98873-239 | 98873-244 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Variant 28 | Variant 29 | Variant 30 |
| Variant name: | CONNEX-ST U/S DR | HSDS | HSDS |
| Number of Axles | 2 | 3 | 2 |
| Overslung/Underslung | Underslung | Overslung | Overslung |
| Maximum Axle spread (m) | 1.550 | 3.20 | 1.55 |
| Dampers Part Numbers | 98583-073 orB-37192 | B-34569 | B-34569 |
| Smallest Tyre Size Designation | 17.5 | 17.5 | 17.5 |
| Highest tyre pressure (Kpa) | 825 | 825 | 825 |
| Airbag Diameter (mm) | 320 | 371 | 371 |
| Reference Drawings No of Suspension (parts list & assembly details) | 98873-244 | 98873-277 | 98873-277 |

|  |  |
| --- | --- |
|  | Variant 31 |
| Variant name: | HSDS |
| Number of Axles | 1 |
| Overslung/Underslung | Overslung |
| Maximum Axle spread (m) | N/A |
| Dampers Part Numbers | B-34569 |
| Smallest Tyre Size Designation | 17.5 |
| Highest tyre pressure (Kpa) | 825 |
| Airbag Diameter (mm) | 371 |
| Reference Drawings No of Suspension (parts list & assembly details) | 98873-277 |

…………………………………………….

Umesh Shamdasani

Director

Technical Assessments and Approvals Team

Vehicle Safety Operations Branch

Date: 3 March 2025