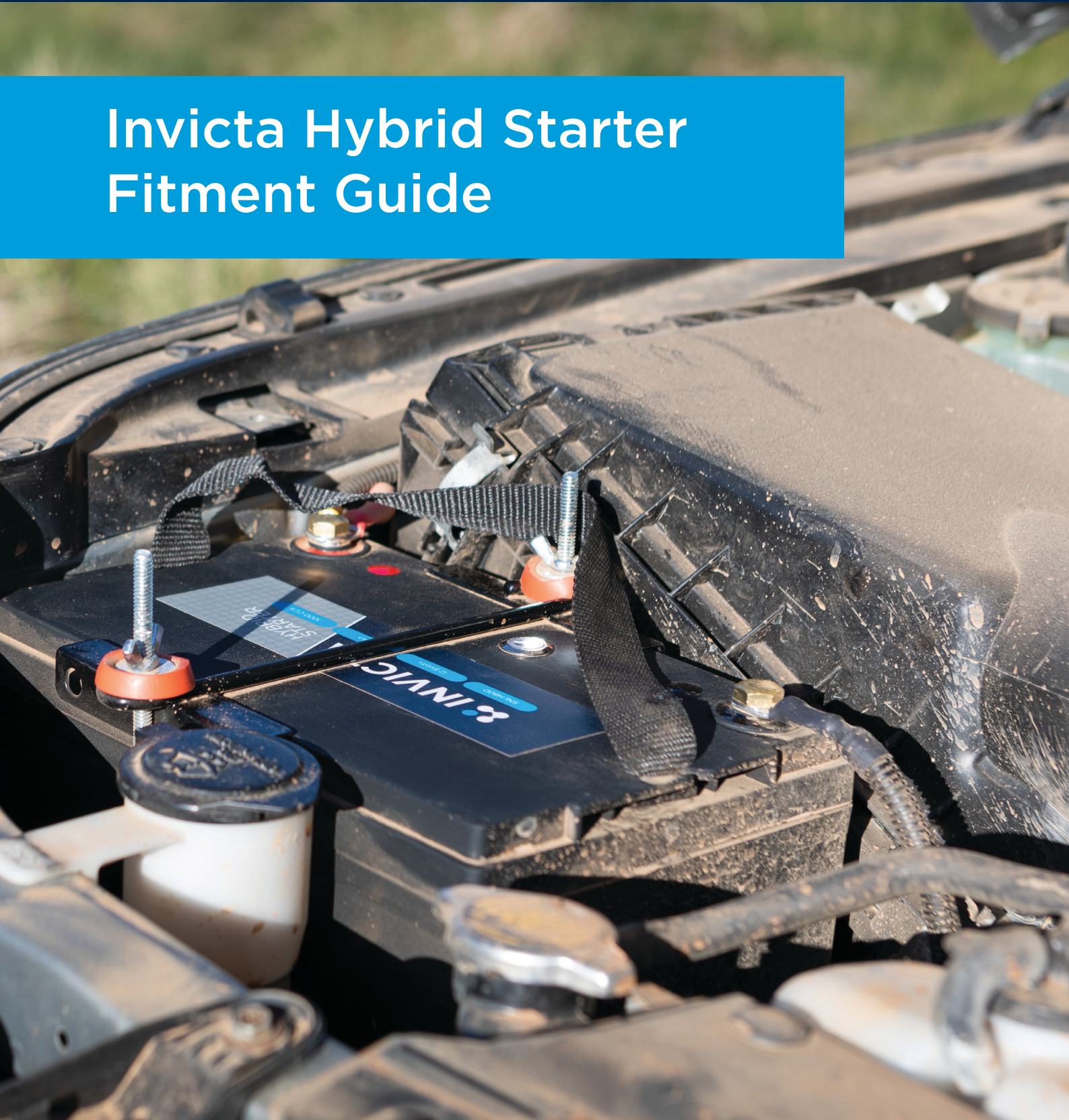


Invicta Hybrid Starter Fitment Guide



Invicta Hybrid Starter Fitment Guide

| Make | Model | Year | SNLH Range | SNLH MAX Range | Modification Required |
|--|----------------------------|----------------|-------------------|----------------|-------------------------------|
| DODGE | | | | | |
| ** | RAM 1500 | 2017 - PRESENT | | SNLHLN4MAX | (ST Optional) |
| **Note SNLH range can not be used in the Dodge rane ETORQUE models | | | | | |
| Ford | | | | | |
| | EVEREST | 2022 - PRESENT | | SNLHLN4MAX | SNLHMAXL (MC) ((ST Optional)) |
| | EVEREST | 2019-2022 | SNLHLN3 | SNLHLN4MAX | |
| | EVEREST | 2015-2018 | SNLHLN3 | SNLHLN4MAX | |
| ** | Ranger Next Gen | 2022 - PRESENT | | SNLHLN4MAX | SNLHMAXL (MC) ((ST Optional)) |
| | Ranger PXIII | 2019-2022 | SNLHLN3 | SNLHLN4MAX | |
| | Ranger Raptor | 2018 - PRESENT | SNLHLN3 | SNLHLN4MAX | (ST Optional) |
| | Ranger PXII | 2015-2018 | SNLHLN3 | SNLHLN4MAX | |
| | Ranger PX | 2011-2015 | SNLHLN3 | SNLHLN4MAX | |
| **Note - Second tray can utilise SNLHLN3 in addition to SNLHLN4MAX. But must have DC-DC charging installed | | | | | |
| Holden/Chevrolet | | | | | |
| | COLORADO | 2016-2021 | SNLHLN3 | SNLHLN4MAX | (ST Optional) |
| | COLORADO | 2012-2016 | SNLHLN3 | SNLHLN4MAX | |
| | COLORADO 7 | 2013-2021 | SNLHLN3 | SNLHLN4MAX | |
| | Silverado 1500 LTZ 6.2L V8 | 2022 | | SNLHLN4MAX | |
| Isuzu | | | | | |
| | DMAX | 2021- PRESENT | SNLHLN3 | SNLHLN4MAX | |
| | DMAX | 2016 - 2020 | SNLH95DL/SNLH80DL | SNLHMAXL | |
| | DMAX | 2012-2016 | SNLH95DL/SNLH80DL | SNLHMAXL | |
| | MUX | 2021- PRESENT | SNLHLN3 | SNLHLN4MAX | |
| | MUX | 2016 - 2020 | SNLH95DL/SNLH80DL | SNLHMAXL | |
| | MUX | 2012-2016 | SNLH95DL/SNLH80DL | SNLHMAXL | |
| Jeep | | | | | |
| | GLADIATOR | 2020-PRESENT | SNLHLN3 | SNLHLN4MAX | |
| | WRANGLER JL | 2018-PRESENT | SNLHLN3 | | |
| | WRANGLER JK | 2007-2018 | SNLHLN3 | SNLHLN4MAX | |
| Land Rover | | | | | |
| | DEFENDER 90 | 2009-PRESENT | SNLH95D | SNLHMAX | |
| | DEFENDER 110 | 2009-PRESENT | SNLH95D | SNLHMAX | |
| | DEFENDER 130 | 2009-PRESENT | SNLH95D | SNLHMAX | |
| | DISCOVERY 4 | 2014-2017 | | SNLHLN4MAX | |
| | DISCOVERY 4 | 2009-2014 | | SNLHLN4MAX | |

Modification Key

EB - Extension Bolt
 MC - Modified Clamp/Bracket
 MT - Modified Tray
 ST - Scan Tool (Optional)

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| Make | Model | Year | SNLH Range | SNLH MAX Range | Modification Required |
|---|------------------------|----------------|-------------------|----------------|-----------------------|
| Lexus | | | | | |
| | LX470 | 1997-2007 | SNLH95D | SNLHMAX | |
| Mazda | | | | | |
| | BT-50 | 2020-PRESENT | SNLHLN3 | SNLHLN4MAX | (ST Optional) |
| | BT-50 | 2018-2019 | SNLHLN3 | SNLHLN4MAX | |
| | BT-50 | 2015-2018 | SNLHLN3 | SNLHLN4MAX | |
| Mitsubishi | | | | | |
| | TRITON | 2016 - PRESENT | SNLH95D | SNLHMAXL | |
| | PAJERO SPORT | 2021-PRESENT | SNLH95DL | SNLHMAXL | |
| | PAJERO SPORT | 2018-2019 | SNLH95DL | SNLHMAXL | |
| | PAJERO SPORT | 2016-2017 | SNLH95DL | SNLHMAXL | |
| | PAJERO | 2014-PRESENT | SNLH95DL | SNLHMAXL | |
| | PAJERO | 2011-2014 | SNLH95DL | SNLHMAXL | |
| Nissan | | | | | |
| | NAVARA NP300 | 2021-PRESNT | SNLHLN3 | | |
| | NAVARA NP300 | 2015-2020 | SNLHLN3 | | |
| | PATROL Y62 SERIES 5 | 2020-PRESENT | SNLH95D | SNLHMAX | |
| | PATROL Y62 SERIES 4 | 2018-2019 | SNLH95D | SNLHMAX | |
| | PATROL Y62 SERIES 1-3 | 2010-2017 | SNLH95D | SNLHMAX | |
| Toyota | | | | | |
| | FJ Cruiser | Present | SNLH95D | SNLHMAX | |
| | HILUX ROUGE / SR5 | 2018-2020 | SNLHLN3 | SNLHMAX | |
| *** | HILUX (N80) | 2015-Present | SNLHLN3 | SNLHLN4MAX | SNLH95DL/MAX (MC) |
| | HILUX (N70) | 2006 - 214 | SNLH95DL | SNLHMAXL | |
| | LANDCRUISER PRADO | 2018-PRESENT | SNLH80DL/SNLH95DL | SNLHMAXL | |
| | LANDCRUISER PRADO | 2013-2017 | SNLH80DL/SNLH95DL | SNLHMAXL | |
| | LANDCRUISER PRADO | 2009-2013 | SNLH80DL/SNLH95DL | SNLHMAXL | |
| **/** | LANDCRUISER 300 SERIES | 2021-PRESENT | | SNLHLN4MAX | SNLH95D/MAXL (MC) |
| ** | LANDCRUISER 200 SERIES | 2015-2020 | | SNLHMAXL | |
| ** | LANDCRUISER 200 SERIES | 2012-2015 | | SNLHMAXL | |
| | LANDCRUISER 70 SERIES | 2007-PRESENT | | | SNLHMAX (EB) |
| **Note All V8 model Landcruisers need to use the MAX range | | | | | |
| ***Note N80 and 300 series bracket will need to be customised if using SNLH95DL or SNLHMAXL | | | | | |
| Volkswagen | | | | | |
| | AMAROK | 2017-PRESENT | SNLHLN3 | SNLHLN4MAX | (ST Optional) |
| | AMAROK | 2010-2016 | SNLHLN3 | SNLHLN4MAX | |

Modification Key

EB - Extension Bolt
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| Model | Length | Width | Height/Terminal Height | Terminal Type | Nominal Voltage | Nominal Capacity | Max Discharge Current | CCA | (Kgs) |
|------------|--------|-------|------------------------|---------------|-----------------|------------------|-----------------------|------|-------|
| SNLH80DL | 260 | 172 | 210/220 | M8 | 12.8 | 60 | 200 | 1000 | 7.9 |
| SNLHLN3 | 278 | 174 | 190 | SAE | 12.8 | 60 | 200 | 1000 | 7.9 |
| SNLH95D | 305 | 172 | 203/244 | M8 | 12.8 | 80 | 200 | 1200 | 10.2 |
| SNLH95DL | 305 | 172 | 203/244 | M8 | 12.8 | 80 | 200 | 1200 | 10.2 |
| SNLH31H | 330 | 168 | 220/222 | M8 | 12.8 | 100 | 200 | 1200 | 10.2 |
| SNLHLN4MAX | 315 | 174 | 190 | SAE | 12.8 | 60 | 800 | 1000 | 8.3 |
| SNLHMAX | 306 | 168 | 211 | M8 | 12.8 | 80 | 800 | 1400 | 10.3 |
| SNLHMAXL | 306 | 168 | 211 | M8 | 12.8 | 80 | 800 | 1400 | 10.3 |

About Invicta Hybrid Starter

The Invicta Hybrid Starter range is ideally suited to starting applications that may have a secondary deep cycle application, such as fridge or marine accessories. The family is comprised of the popular sizes found in automotive vehicles but with the added benefits of Lithium Iron Phosphate (LiFePO4) pouch cell technology, which allows flexibility in charging and discharge.

Features & Benefits

- Australian owned**
 Invicta is Australian owned and backed by over 25 years of knowledge. The Invicta Hybrid Starter range has also undergone over 2 years of pre-release development by our Australian technical team.
- Integrated BMS**
 A specially engineered BMS allows the battery to discharge and charge at a high rate, even when using the reserve capacity.
- Pouch cell construction**
 The pouch cell construction is specifically used due to its inherent starting abilities which allows for a high-rate of discharge and flexibility when charging.
- Charge directly from the alternator**
 The cell design and BMS allow for the varying types of charge delivered by alternators.
- Heat resistant technology**
 Utilises a specially designed thermal protection layer to reduce the impact of heat on the internals.
- Jump start feature**
 A small percentage of capacity is reserved automatically for jump start if you drain the battery. Easily engage this feature with the push of a button.
- 3 Year full replacement warranty**
 The Invicta Hybrid Starter range has a 3 year full replacement warranty backed by SPB.



SNLH80DL



SNLHLN3



SNLH95D



SNLH31H



SNLHLN4MAX



SNLHMAX

Although care has been taken to provide the most accurate information, this should be used as a guide only. Some installations may require a minor modification to the battery tray. If a battery is incorrectly specified, is not present on this guide or you are unsure what battery should be installed please contact our Customer Service team at sales@spb.net.au. We also recommend that any installation be performed by a license professional to ensure compatibility.