

In addition to the standard All Season Tire, an optional factory fit All Terrain tire is also available as an option.

For the even more adventurous, a Professional Off Road Tire is approved for aftermarket fitment.

Wheel Name	Wheel Image	Tread	Option Code	Size Availability	Manufacturer
All Season Tire		7.5mm	Standard	18", 19", 20", 22"	TBD
Off Road Tire		9.5mm	030IF	18", 19", 20"	Goodyear Wrangler All-Terrain
Professional Off Road Tire (Approved Aftermarket fit only)		12.5mm	N/A	18", 20"	Goodyear Wrangler Duratec

## 4. TECHNOLOGY

### Configurable Terrain Response

- A world first, allows the driver to configure certain chassis and traction related systems based on their personal preference
- Expert driver can optimize settings for their current surroundings
- Promotes novice drivers toward understanding the vehicle technologies available to them.
- Uses pre-defined Subsystem settings from within the Terrain Response programs, relative to each of the user inputs defined below
- Driver will then have the option to save their configuration for use at a later time

1. Powertrain	Relaxed	Normal	Responsive
2. Steering	Light	Medium	Heavy
3. Differentials	Automatic	Centre Slip Limited	Centre & Rear Slip Limited*
4. Traction Control	Less Wheel Spin	Off-Road	More Wheel Spin



### Active Rear Locking Differential

- When selected, this option has the power to give you even more traction and increased off-road ability, by automatically locking the rear differential to ensure the greatest level of traction on- and off-road, in all weather conditions.
- Active Rear Locking differential is not switchable, it is automatically switched on and works with the other vehicle control systems.

### Clear Sight Ground View

- Provides the driver with a view of the forward road scene on the infotainment screen
- Includes the under-bonnet area and the area in front of the vehicle that the driver cannot normally see.

### Terrain Response and Terrain Response 2

- Standard on all Defender's, the system first used on Range Rover, lets the car automatically adjust to its surroundings through the different Terrain Response programs.
- Terrain Response 2 is an option that takes the capabilities of the award-winning system to a new level. This features an automatic setting, which monitors the current driving conditions and systematically selects the most suitable terrain setting.
- A customer can manually override the system through the navigation screen to select between Comfort (General Driving), Grass / Gravel / Snow, Mud / Ruts, Sand, Eco

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- Air suspension also includes Rock Crawl and Wade modes

#### Adaptive Dynamics

- Linked to air suspension, this feature improves both on- road handling and off-road comfort.

#### All Terrain Progress Control

- Optional system that enables you to set and maintain a steady speed (between 1.1mph and 18.6 mph) in challenging on- and off-road conditions.

#### Low Traction Launch

- Automatically optimizes the vehicle for smooth pull away on low friction surfaces, such as wet grass, ice or snow.

#### Hill Descent Control

- Assists the driver with controlled descents of difficult slopes, by maintaining a constant speed and applying braking separately to each wheel.

#### Hill Launch Assist

- Aids the driver when pulling away on hills, by retaining brake force long enough for the drivers foot to move from the brake pedal to the throttle.

#### Wade Program

- Additional feature of Terrain Response, which sets the vehicle up to wade at the switch of a button (with air suspension only).

#### Advanced Tow Assist

- Allows the driver to direct the trailer whilst the vehicle takes care of the counter steering.

#### Wireless Device Charging

- With compatible phones, the consumer can simply place the phone on the pad to enable charging
- Standard fit on all Defenders
- Deleted if Jump Seat is selected



#### Software Over The Air (SOTA)

- The New Defender is delivering the next phase to SOTA, which will include the ability to install functionality updates, in addition to the existing infotainment and telematics updates.
- Enables JLR and Customers to remotely update their vehicle.
- Customers can select preferred times for install, to not disrupt their day-to-day usage of the vehicle

#### Driver Assistance

- All Defenders will be equipped with the following standard equipment:
  - Blind Spot Assist
  - Rear Pre-Collision Assist
  - 3D Surround Camera, including Wade Sensing, ClearSight Ground View and 360° Park Aid
- Optional Driver Assist Pack is available that includes:
  - Adaptive Cruise Control on all models,
  - Rear Traffic Monitor (standard on SE and above)
  - Clear Exit Monitor on SE (standard on SE and above)

#### ClearSight Rear View mirror

- Provides the customer a live camera feed of the rear view instead of a conventional mirror image.

## 7. STANDARD EQUIPMENT SPECIFICATION WALK

### Land Rover Defender X

#### **Powertrain/Dynamics**

All Terrain Progress Control (ATPC), Terrain Response 2, Configurable Terrain Response, Electronic Active Differential with Torque Vectoring by Braking

#### **Exterior:**

X Badge, 20" Style 5098, 5 spoke, Satin Dark Grey, Orange brake calipers, Black contrast roof (N/A on Santorini Black), Narvik Gloss Black bonnet (N/A on Santorini Black), X Visual Pack (Starlight Satin Chrome Skid Pans, Grille Bar, Badging, Narvik Black Cladding, Bonnet Finishers), Exposed rear recovery eyes, Darkened tail lights

#### **Interior:**

14-way heated and cooled electric memory front seats with 4-way manual headrests, 40:20:40 folding, heated rear seats with center armrest, Rough-cut Walnut veneer, Cross car beam in Dark Grey Powder Coat Brushed finish, Illuminated metal treadplates with brand-name script, Ebony Morzine headlining, Bright metal pedals, Premium cabin lighting

#### **Technology:**

Meridian™ Surround Sound System (700 Watt, 15 Speakers inc. Subwoofer), Domestic plug socket

### Land Rover Defender HSE

#### **Exterior:**

HSE badge, 20" Style 5095, 5 split-spoke, Gloss Dark Grey with contrast Diamond Turned finish, Sliding Panoramic Roof, Heated, electric, power fold door mirrors with memory, approach lights and auto-dimming driver side

#### **Interior:**

14-way heated and cooled electric memory front seats with 4-way manual headrests, Leather Steering Wheel, Extended Leather Upgrade, Windsor Leather

#### **Technology:**

Adaptive Cruise Control

### Land Rover Defender SE

#### **Powertrain/Dynamics**

395hp 3.0L Si6 MHEV Gas Engine

#### **Exterior:**

SE badge, Front Fog Lights, Premium LED headlights with signature DRL, 20" Style 5094, 5 spoke, Gloss Sparkle Silver, Dark Grey Brake Callipers

#### **Interior:**

12-way electric memory front seats with 2-way manual headrests, Electrically adjustable steering column

#### **Technology:**

Meridian Sound System (400W, 11 Speakers inc Subwoofer), ClearSight interior rear view mirror, Clear Exit Monitor, Rear Traffic Monitor

### Land Rover Defender S

#### **Exterior:**

S Exterior Badge, Auto High Beam Assist, 19" Style 6010, 6 spoke, Gloss Sparkle Silver

#### **Interior:**

12-way semi-powered front seats, 40:20:40 folding rear seats with center armrest, Grained Leather and Robust Woven Textile seat facings, Click and Go Integrated Base Unit

#### **Technology:**

Interactive Driver Display

### Land Rover Defender Standard

#### **Powertrain/Dynamics:**

300hp 2.0L Si4 Turbocharged Gas Engine, Permanent AWD, 8-Speed Automatic Transmission, Twin-speed transfer box (high/low range), Electronic Air Suspension, Terrain Response, Adaptive Dynamics, Push Button Start, Hill Launch Assist, DSC, ETC, RSC, EPAS, CBC, HDC, EBD, ABS, EPB

#### **Exterior:**

18" Style '5093', 8 spoke, Gloss White Steel Wheel, All Season Tires, Assisted Tailgate, Side-hinged tailgate, Privacy Glass, Solar Attenuating Windshield, Heated Rear Window w/Timer, Rear Wash Wiper, Rain Sensing Windshield Wipers, Standard Metal Roof, Black Roof Rails, Rear Fog Lights, Automatic Headlights w/levelling, LED headlights, LED Taillights, Heated, electric, power fold door mirrors with approach lights and auto-dimming driver side, Ceres Silver Lettering on Hood/Tailgate, Anthracite Grille Bars, Hood Finishers, & Cladding, Narvik Black Side Vent, Ebony Grained Plastic Bonnet Chequer Plate, Body Color Door Handles, Unpainted Brake Callipers, Ceres Silver Skid Pan, Body Colored Roof, Narvik Black Mirror Caps, Body Colored Signature graphic (with interior storage) 110 only

#### **Interior:**

8-way Semi-Powered Ebony fabric seats with Ebony/Ebony interior, 40:20:40 Folding Rear Seats, 5 seats, Auto-Dimming Interior Rear View Mirror, Illuminated Vanity Mirrors, Front-Cupholders, Rear Center Headrest (110 Only), Durable Rubber Cabin and Loadspace Flooring, Manually Adjustable Steering Column, Leather wrapped Steering Wheel with PU DAB, Standard Treadplates, Light Oyster Morzine Headlining, Cross car beam in Light Grey Powder Coat Brushed finish, Cabin Lighting, Lockable Glovebox, C-Pillar Storage (110 only), 2-Zone Climate Control, Electric Windows w/ One-Touch Open/Close & Anti-Trap, Center Console w/ armrest, Loadspace Cover

#### **Technology:**

Bluetooth Connectivity, Voice Control, Sound System (180w, 6 speakers), PVI Pro, Android Auto™, Apple CarPlay®. Wireless Device Charging, Remote, Connected Navigation Pro, Online Pack with Data Plan, 1 x 12V socket in IP shelf, 2 x USB and 2 x 12V power sockets in center console for rear passengers, 1 x 12V power socket in loadspace, Driver Condition Monitor, Cruise Control and Speed Limiter, Keyless Entry, Perimetric Alarm, Lane Keep Assist, Trailer Stability Assist, Emergency Braking, Garage Door Opener (HomeLink®), Blind Spot Assist, Traffic Sign Recognition and Adaptive Speed Limiter, 10" Touchscreen, 3D Surround Camera with ClearSight Groundview, 360 Parking Aid, Wade Sensing

#### **Safety:**

Tailgate Mounted Full Size Spare Wheel, Tire Pressure Monitoring System (TPMS), Airbags (Front w/ Passenger Seat Occupant Detector, Front Side and Curtain), Power Operated Child Locks, Rear ISOFIX, Electric Parking Brake, Emergency Brake Assist (EBA), Anti Lock Braking System (ABS), Locking Wheel Nuts

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## 6. TECHNICAL SPECIFICATIONS

	Si6 400HP	Si4 300HP	Si6 400HP
Model Year	2020	2020	2020
Body Style	90	110	110
Engine	3.0L i6 MHEV	2.0L i4 Turbocharged	3.0L i6 MHEV
Engine Displacement (cc)	2996	1997	2996
Engine Fuel Injection System	Direct Injection	Direct Injection	Direct Injection
Bore/Stroke (inch)	3.27 / 3.63	3.27 / 3.63	3.27 / 3.63
Compression Ratio : 1	10.5	9.5	10.5
Power: HP @ rpm	395 @ 5,000	296 @ 4,000	395 @ 5,500
Torque: lb-ft @ rpm	406 @ 2,000 - 5,000	295 @ 1,500 - 4,000	406 @ 2,000 - 5,000
0-60 mph	5.7	7.7	5.8
Top speed	119 mph (129 mph with 22" wheels)	119 mph	119 mph (129 mph with 22" wheels)
Transmission	Eight-speed ZF 8HP76 automatic	Eight-speed ZF 8HP45 automatic	Eight-speed ZF 8HP76 automatic
Drive Type	All Wheel Drive (AWD)	All Wheel Drive (AWD)	All Wheel Drive (AWD)
EPA Fuel Economy (19MY shown)	TBD	TBD	TBD
Wheelbase (in.)	101.9	119.0	119.0
Overall Length with Spare Wheel (in.)	180.4	197.6	197.6
Overall Length without Spare Wheel (in.)	170.2	187.3	187.3
Overall Width including Mirrors (in.)	82.9	82.9	82.9
Overall Width with Mirrors Folded (in.)	79.10	79.1	79.10
Overall Height, Air Susp. (in.)	77.5	77.4	77.4
Curb Weight (lbs.) (5/6/7 seat)	4830	4815/4865/4940	5035/5090/5165
Turning Circle - Curb to Curb (ft.)	37.0	42.1	42.1
Wheel Type and Size (Standard Fit)	255/60 R18	255/55 R19	255/50 R20
Trunk Volume (ft <sup>3</sup> ) behind First Row (5/7 seat)	58.3	5 seat 78.8 / 7 seat 69.0	5 seat 78.8 / 7 seat 69.0
Trunk Volume (ft <sup>3</sup> ) behind Second Row (5/7 seat)	15.6	5 seat 34.0 / 7 seat 34.6	5 seat 34.0 / 7 seat 34.6
Trunk Volume (ft <sup>3</sup> ) behind Third Row	N/A	7 seat 10.7	7 seat 10.7
Fuel Tank Capacity (gal.)	23.4	23.8	23.8
Brakes	Four-wheel disc / ABS	Four-wheel disc / ABS	Four-wheel disc / ABS
Brake Size Front / Rear (mm/inch)	363/349 14.3/13.8"	349/325 13.7/12.8"	363/349 14.3/13.8"
Tow Capacity	8201.0	7716.0	8201.0
Final Drive Ratio : 1	3.6	4.1	3.6
Static Max Roof Load (inc Roof Rack) (lbs)	661.0	661.0	661.0
Dynamic Max Roof Load (inc Roof Rack) (lbs) (All Season / All Terrain Tires)	176 / 260	220 / 370	220 / 370
Standard/Off Road ride height (in)	8.58 / 11.53	8.58 / 11.53	8.58 / 11.53
Approach Angle - Standard/Off Road	30.1° / 38.0°	30.1° / 38.0°	30.1° / 38.0°
Departure Angle - Standard/Off Road	37.6° / 40.0°	37.7° / 40.0°	37.7° / 40.0°
Ramp Angle - Standard/Off Road	24.2° / 31.0°	22.0° / 28.0°	22.0° / 28.0°

\* Manufacturer's Estimate based on 5 seat vehicles