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WARNING:

During the production and servicing of these vehicles, due care should be taken to avoid damaging of safety or emissions related systems such as the braking system, fuel lines, sensors, catalysts, etc. through contacting them while working on adjacent areas of the vehicle. Inadvertent damage can also occur due to adjacent welding/cutting operations, people standing near/on unprotected systems while performing other tasks.

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BRONCO

2023 MODEL YEAR

<u>Introduction</u>

Important Notices

The information described herein is believed to be correct at the time of publication, but accuracy cannot be guaranteed. Ford reserves the right to discontinue models or change specifications or designs at any time without notice and without incurring any obligation.

Installation of additional equipment, or alterations to Bronco vehicles as sold by Ford Motor Company may void the vehicle warranty or require certification to US Federal (or Canadian) Motor Vehicle Safety Standards, Emissions standards, state, provincial, and/or local laws and regulations. It is the responsibility of the vehicle alterer to determine what standards, laws or regulations may be affected and take appropriate action.

The suspension and steering systems on the Bronco have been designed and tested to provide predictable performance; Ford does not recommend any modifications such as adding or removing parts (i.e. lift kits or stabilizer bars) or using replacement parts not equivalent to the original factory equipment. Any modifications to your vehicle that raise the center of gravity (i.e. lift kits, roof mounted accessories beyond the stated load capacity) may cause the vehicle to roll over when there is a loss of vehicle control.

The following important items should be carefully considered before modifying a Bronco vehicle:

- Installation of a snow plow of any kind is not endorsed by Ford Motor Company and may void the vehicle warranty.
- Sensors should not be removed, relocated or reoriented unless expressly authorized by Ford Motor Company. Installation of additional equipment should also not interfere with the field of view (FOV) of the camera and radar modules (see additional information in this document for sensor FOV zones). Examples of sensors:
 - Front and rear view cameras
 - o Forward facing radar
 - o Rear corner radar
 - o Crash sensors
 - Yaw sensor
 - o ABS wheel speed sensors
- Any added accessories or equipment mounted near exterior lamps and/or reflectors should be checked to ensure the vehicle remains in compliance with FMVSS 108 Lamps, Reflective Devices and Associated Equipment standard.

Bronco CAD Requests

Component level CAD for the Bronco can be obtained from SEMA Tech Transfer. SEMA Tech Transfer link: https://www.semagarage.com/techtransfer/Index

Note: Access to Tech Transfer may require a SEMA membership and associated fees may apply.

Reference Information

Ford Service Publications

Ford Service Technical Resources (including wiring diagrams, repair manuals and diagnostic tool support) are available by subscription via the Motorcraft website: www.motorcraftservice.com

The following publications are examples of digital and printed manuals which are available from Helm Incorporated; call 1-800-782-4356 or contact Helm, Inc. at their website www.helminc.com:

- Ford Truck Shop Manuals
- Ford Towing Manuals
- Ford Wiring Diagrams

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BRONCO

BRONCO MODEL LINEUP - 2 DOOR

2023 MODEL YEAR

Vehicle Description	Eng	Trans	WB	GVWR	Max Advertised	Base	Curb W	eight 'eight		GA	WR				Max Total
	3		(in)	(lbs)	Payload	Front	Rear	Total	Min Front	Max Front	Min Rear	Max Rear	Max Front	Max Rear	ARC
2.3L GTDi MT88 ESOF SWB						TTOTIC	iteai	Total	TTOTAL	TTOTIC	rtear	rtcar	TIOIL	rtcar	
2.3L GTDi MT88 ESOF SWB Base 2.3L GTDi MT88 ESOF SWB Big Bend 2.3L GTDi MT88 ESOF SWB Black Diamond 2.3L GTDi MT88 EMTC SWB	2.3L 2.3L 2.3L	MT88 MT88 MT88	100.4 100.4 100.4	5540 5540 5640	1234 1224 1101	2348 2354 2438	1957 1962 2101	4306 4315 4539	2900 2900 2900	2900 2900 2900	3000 3000 3000	3000 3000 3000	4200 4200 4200	5520 5520 5520	614 605 481
2.3L GTDi MT88 EMTC SWB Base 2.3L GTDi MT88 EMTC SWB Big Bend 2.3L GTDi MT88 EMTC SWB Black Diamond 2.3L GTDi MT88 EMTC SWB Badlands 2.3L GTDi MT88 EMTC SWB Heritage Standard	2.3L 2.3L 2.3L 2.3L 2.3L	MT88 MT88 MT88 MT88 MT88	100.4 100.4 100.4 100.4 100.4	5620 5620 5640 5700 5620	1068 1064 1078 1054 922	2459 2462 2453 2521 2524	2093 2093 2108 2125 2173	4552 4555 4561 4646 4697	2900 2900 2900 2900 2900	2900 2900 2900 2900 2900	3000 3000 3000 3000 3000	3000 3000 3000 3000 3000	4200 4200 4200 4200 4200	5520 5520 5520 5520 5520	448 445 459 387 303
2.3L GTDi 10R60 ESOF SWB															
2.3L GTDi 10R60 ESOF SWB Base 2.3L GTDi 10R60 ESOF SWB Big Bend 2.3L GTDi 10R60 ESOF SWB Outer Banks 2.3L GTDi 10R60 ESOF SWB Black Diamond	2.3L 2.3L 2.3L 2.3L	10R60 10R60 10R60 10R60	100.4 100.4 100.4 100.4	5540 5540 5540 5640	1213 1203 1122 1081	2363 2369 2409 2453	1964 1968 2009 2106	4327 4337 4418 4559	2900 2900 2900 2900	2900 2900 2900 2900	3000 3000 3000 3000	3000 3000 3000 3000	4200 4200 4200 4200	5520 5520 5520 5520	593 583 503 461
2.3L GTDi 10R60 EMTC SWB															
2.3L GTDi 10R60 EMTC SWB Base 2.3L GTDi 10R60 EMTC SWB Big Bend 2.3L GTDi 10R60 EMTC SWB Outer Banks 2.3L GTDi 10R60 EMTC SWB Black Diamond 2.3L GTDi 10R60 EMTC SWB Badlands 2.3L GTDi 10R60 EMTC SWB Heritage Standard	2.3L 2.3L 2.3L 2.3L 2.3L 2.3L	10R60 10R60 10R60 10R60 10R60 10R60	100.4 100.4 100.4 100.4 100.4 100.4	5620 5620 5620 5660 5720 5620	1048 1044 1196 1078 1054 902	2474 2477 2410 2468 2536 2539	2097 2098 2013 2113 2130 2178	4572 4575 4423 4581 4666 4717	2900 2900 2900 2900 2900 2900	2900 2900 2900 2900 2900 2900	3000 3000 3000 3000 3000 3000	3000 3000 3000 3000 3000 3000	4200 4200 4200 4200 4200 4200	5520 5520 5520 5520 5520 5520	429 425 577 452 367 283
2.3L GTDi MT88 ESOF LWB															
2.3L GTDi MT88 ESOF LWB Big Bend 2.3L GTDi MT88 ESOF LWB Black Diamond	2.3L 2.3L	MT88 MT88	116.1 116.1	5920 6000	1442 1215	2485 2621	1992 2164	4477 4785	3090 3170	3090 3170	3070 3070	3070 3070	4200 4200	5520 5520	673 446
2.3L GTDi MT88 EMTC LWB	1														
2.3L GTDi MT88 EMTC LWB Big Bend 2.3L GTDi MT88 EMTC LWB Badlands 2.3L GTDi MT88 EMTC LWB Black Diamond 2.3L GTDi MT88 EMTC LWB Heritage Standard	2.3L 2.3L 2.3L 2.3L	MT88 MT88 MT88 MT88	116.1 116.1 116.1 116.1	5980 6060 6000 5980	1262 1169 1192 1110	2594 2702 2636 2654	2123 2188 2171 2215	4717 4891 4807 4869	3090 3170 3170 3090	3090 3170 3170 3090	3070 3070 3070 3070	3070 3070 3070 3070	4200 4200 4200 4200	5520 5520 5520 5520	493 399 423 341
2.3L GTDi 10R60 ESOF LWB															
2.3L GTDi 10R60 ESOF LWB Base 2.3L GTDi 10R60 ESOF LWB Big Bend 2.3L GTDi 10R60 ESOF LWB Outer Banks 2.3L GTDi 10R60 ESOF LWB Black Diamond 2.3L GTDi 10R60 EMTC LWB	2.3L 2.3L 2.3L 2.3L	10R60 10R60 10R60 10R60	116.1 116.1 116.1 116.1	5920 5920 5920 6000	1431 1421 1332 1195	2500 2505 2551 2641	1989 1993 2037 2164	4489 4499 4588 4805	3090 3090 3090 3170	3090 3090 3090 3170	3070 3070 3070 3070	3070 3070 3070 3070	4200 4200 4200 4200	5520 5520 5520 5520	661 651 562 426
2.3L GTDi 10R60 EMTC LWB Base 2.3L GTDi 10R60 EMTC LWB Big Bend 2.3L GTDi 10R60 EMTC LWB Outer Banks 2.3L GTDi 10R60 EMTC LWB Black Diamond 2.3L GTDi 10R60 EMTC LWB Badlands 2.3L GTDi 10R60 EMTC LWB Everglades 2.3L GTDi 10R60 EMTC LWB Heritage Standard	2.3L 2.3L 2.3L 2.3L 2.3L 2.3L 2.3L	10R60 10R60 10R60 10R60 10R60 10R60 10R60	116.1 116.1 116.1 116.1 116.1 116.1 116.1	5980 5980 5980 6020 6080 6180 5980	1246 1242 1361 1192 1169 928 1090	2611 2614 2562 2656 2722 2996 2674	2122 2123 2057 2171 2188 2256 2215	4733 4737 4619 4827 4911 5252 4889	3090 3090 3090 3170 3170 3270 3090	3090 3090 3090 3170 3170 3270 3090	3070 3070 3070 3070 3070 3070 3070	3070 3070 3070 3070 3070 3070 3070	4200 4200 4200 4200 4200 4200 4200 4200	5520 5520 5520 5520 5520 5520 5520 5520	477 473 591 423 399 158 321

Notes:

- (1) Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVWR or GAWRs (front or rear).
- (2) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.
- (3) Accessory Reserve Capacity (ARC) is the maximum allowable weight of regular production options and aftermarket equipment for each configuration.
- (4) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, springs, wheels, tires).
- (5) Base Curb Weights shown are for vehicles with standard equipment.

BRONCO MODEL LINEUP - 4 DOOR

2023 MODEL YEAR

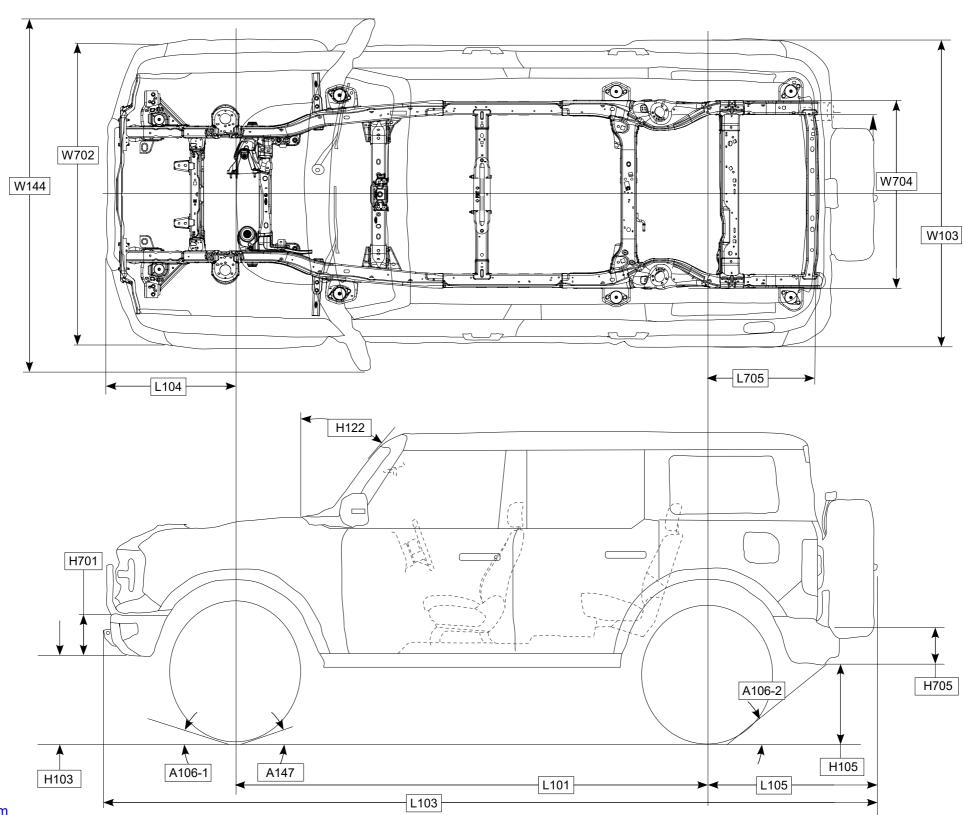
Vehicle Description Eng		Trans	WB (in)	GVWR (lbs)	Max Advertised Payload	Base	· Curb W	eight	Min	GA Max	WR Min	Max	Max	Max	Max Total ARC
					Front	Rear	Total	Front	Front	Rear	Rear	Front	Rear		
2.7L GTDi 10R60 ESOF SWB	•														
2.7L GTDi 10R60 ESOF SWB Base 2.7L GTDi 10R60 ESOF SWB Big Bend 2.7L GTDi 10R60 ESOF SWB Outer Banks 2.7L GTDi 10R60 ESOF SWB Wildtrak 2.7L GTDi 10R60 ESOF SWB Black Diamond	2.7L 2.7L 2.7L 2.7L 2.7L	10R60 10R60 10R60 10R60 10R60	100.4 100.4 100.4 100.4 100.4	5700 5700 5700 5740 5780	1234 1224 1143 1072 1082	2495 2501 2541 2586 2585	1971 1975 2016 2082 2113	4466 4476 4557 4668 4698	3000 3000 3000 3000 3000	3000 3000 3000 3000 3000	3000 3000 3000 3000 3000	3000 3000 3000 3000 3000	4200 4200 4200 4200 4200	5520 5520 5520 5520 5520	614 604 524 452 462
2.7L GTDi 10R60 EMTC SWB	_														
2.7L GTDi 10R60 EMTC SWB Base 2.7L GTDi 10R60 EMTC SWB Big Bend 2.7L GTDi 10R60 EMTC SWB Outer Banks 2.7L GTDi 10R60 EMTC SWB Wildtrak 2.7L GTDi 10R60 EMTC SWB Wildtrak 2.7L GTDi 10R60 EMTC SWB Black Diamond 2.7L GTDi 10R60 EMTC SWB Badlands 2.7L GTDi 10R60 EMTC SWB Heritage Standard 2.7L GTDi 10R60 EMTC SWB Oates 2.7L GTDi 10R60 EMTC SWB Heritage Standard 2.7L GTDi 10R60 EMTC SWB Heritage Standard 2.7L GTDi 10R60 ESOF LWB 2.7L GTDi 10R60 ESOF LWB Big Bend 2.7L GTDi 10R60 ESOF LWB Outer Banks	2.7L 2.7L 2.7L 2.7L 2.7L 2.7L 2.7L 2.7L	10R60 10R60 10R60 10R60 10R60 10R60 10R60 10R60 10R60 10R60	116.1 116.1	5760 5760 5760 5820 5860 5760 5820 5860 6060 6060 6060	1049 1045 1197 983 1079 1055 903 859 984 1432 1422 1333	2606 2609 2542 2671 2600 2668 2671 2769 2682 2624 2629 2675	2104 2105 2020 2166 2120 2137 2185 2191 2194 2004 2008 2052	4711 4714 4562 4837 4720 4805 4856 4960 4876 4628 4638 4727	3000 3000 3000 3000 3000 3000 3000 300	3000 3000 3000 3000 3000 3000 3000 300	3000 3000 3000 3000 3000 3000 3000 300	3000 3000 3000 3000 3000 3000 3000 300	4200 4200 4200 4200 4200 4200 4200 4200	5520 5520 5520 5520 5520 5520 5520 5520	430 426 578 363 460 435 284 240 364 662 652 563
2.7L GTDi 10R60 ESOF LWB Wildtrak 2.7L GTDi 10R60 ESOF LWB Black Diamond	2.7L 2.7L	10R60 10R60	116.1 116.1	6080 6120	1227 1176	2723 2765	2129 2179	4853 4944	3220 3270	3220 3270	3070 3070	3070 3070	4200 4200	5520 5520	458 407
2.7L GTDi 10R60 EMTC LWB															
2.7L GTDi 10R60 EMTC LWB Base 2.7L GTDi 10R60 EMTC LWB Big Bend 2.7L GTDi 10R60 EMTC LWB Outer Banks 2.7L GTDi 10R60 EMTC LWB Wildtrak 2.7L GTDi 10R60 EMTC LWB Black Diamond 2.7L GTDi 10R60 EMTC LWB Badlands 2.7L GTDi 10R60 EMTC LWB Heritage Standard 2.7L GTDi 10R60 EMTC LWB Heritage Standard	2.7L 2.7L 2.7L 2.7L 2.7L 2.7L 2.7L 2.7L	10R60 10R60 10R60 10R60 10R60 10R60 10R60 10R60	116.1 116.1 116.1	6100 6100 6100 6140 6140 6180 6100 6180	1227 1223 1342 1118 1173 1130 1071 1020	2735 2738 2686 2808 2780 2846 2798 2882	2137 2138 2072 2213 2186 2203 2230 2278	4872 4876 4758 5022 4966 5050 5028 5160	3220 3220 3220 3220 3270 3270 3270 3220 3270	3220 3220 3220 3220 3270 3270 3270 3270	3070 3070 3070 3070 3070 3070 3070 3070	3070 3070 3070 3070 3070 3070 3070 3070	4200 4200 4200 4200 4200 4200 4200 4200	5520 5520 5520 5520 5520 5520 5520 5520	458 454 572 348 404 360 302 250

Notes:

- (1) Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVWR or GAWRs (front or rear).
- (2) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.
- (3) Accessory Reserve Capacity (ARC) is the maximum allowable weight of regular production options and aftermarket equipment for each configuration.
- (4) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, springs, wheels, tires).
- (5) Base Curb Weights shown are for vehicles with standard equipment.



BRONCO DIMENSIONAL DATA - 2 DOOR / 4 DOOR





BRONCO DIMENSIONAL DATA - 2 DOOR / 4 DOOR CONT'D

2023 MODEL YEAR

			2 DOOR			4 DOOR		
CODE	DESRIPTION	Base	Badlands	Sasquatch	Base	Badlands	Sasquatch	
		30" Tire	33" Tire	35" Tire	30" Tire	33" Tire	35" Tire	
	BOTTOM OF FRONT	377	463	491	377	463	491	
H103	BUMPER TO GROUND @	[14.8]	[18.2]	[19.3]	[14.8]	[18.2]	[19.3]	
	CURB	[0]	[.0.2]	[.0.0]	[]	[.0.2]	[]	
В	BOTTOM OF REAR BUMPER	435	482	519	434	481	518	
H105	TO GROUND @ CURB	[17.1]	[19.0]	[20.4]	[17.1]	[18.9]	[20.4]	
Δ	PPROACH ANGLE @ CURB							
106-1	(DEGREES)	35.5	40.4	43.2	35.5	40.3	43.2	
	DEPARTURE ANGLE @							
	CURB (DEGREES)	29.8	34.1	37.2	29.7	34.0	37.0	
106-2	(TO REAR TOW HOOKS)							
	(TO REAR BUMPER -	34.3	38.6	41.6	34.2	38.5	41.4	Note: Does not include rear tow hook
	TOW HOOKS REMOVED)	34.3	30.0	41.0	34.2	36.5	41.4	optional trailer hitch reciever or spare
A147	RAMP BREAKOVER	21.1	25.9	29.0	20	23.6	26.3	Er abilitation and the spane
A141 A	ANGLE@ CURB (DEGREES)	21.1	25.9	29.0	20	23.0	20.3	
L101	WHEELBASE		2550 [100.4]			2950 [116.1]		
L103	VEHICLE LENGTH	4411	4439	4413	4811	4839	4813	
L 103	VEHICLE LENGTH	[173.7]	[174.8]	[173.7]	[189.4]	[190.5]	[189.5]	
L104 .	FRONT OVERHANG (NO	794	822	783	794	822	783	Note: Base (Plastic), Badlands (Modu
L	LICENSE PLATE BRACKET)	[31.3]	[32.4]	[30.8]	[31.3]	[32.4]	[30.8]	Sasquatch (Steel)
	REAR OVERHANG	1067	1067	1080	1067	1067	1080	
L105	(TO SPARE TIRE CARRIER)	[42.0]	[42.0]	[42.5]	[42.0]	[42.0]	[42.5]	
	(TO REAR BUMPER)	833	818	818	833	818	818	
	,	[32.8]	[32.2]	[32.2]	[32.8]	[32.2]	[32.2]	
L705	/L OF REAR AXLE TO REAR		717 [28.2]			717 [28.2]		
	END OF FRAME							
H122	WINDSHIELD ANGLE		39.6			39.6		
	(DEGREES)							
H701	FRONT BUMPER HEIGHT	301	264	271	301	264	271	
11/01	I NOW I BOWER REIGHT	[11.9]	[10.4]	[10.7]	[11.9]	[10.4]	[10.7]	
H705	REAR BUMPER HEIGHT	256	258	258	256	258	258	
	NEAR DOME ENTILIBITE	[10.1]	[10.2]	[10.2]	[10.1]	[10.2]	[10.2]	
N/402	VEHICLE WIDTH	1928	1937	2015	1928	1937	2015	Note: Badlands & Sasquatch measure
W103	(MAX W/O MIRRORS)	[75.9]	[76.3]	[29.3]	[75.9]	[76.3]	[29.3]	Design Nominal tire sidewall
W144	VEHICLE WIDTH (MAX W/		2189 [86.2]			2189 [86.2]		Note: High Series Mirrors with Turn L
7 V 1 ****	STANDARD MIRRORS)		2109 [00.2]			2109 [00.2]		(W144 = 2199mm [86.6])
N702	FRONT DUMPER WIRTH	1873	1874	1872	1873	1874	1872	[(**144 2100/////
W702	FRONT BUMPER WIDTH	[73.7]	[73.8]	[73.7]	[73.7]	[73.8]	[73.7]	
N704	REAR FRAME WIDTH		1170 [46.1]	_		1170 [46.1]		

DIMENSIONS SHOWN IN mm [in]

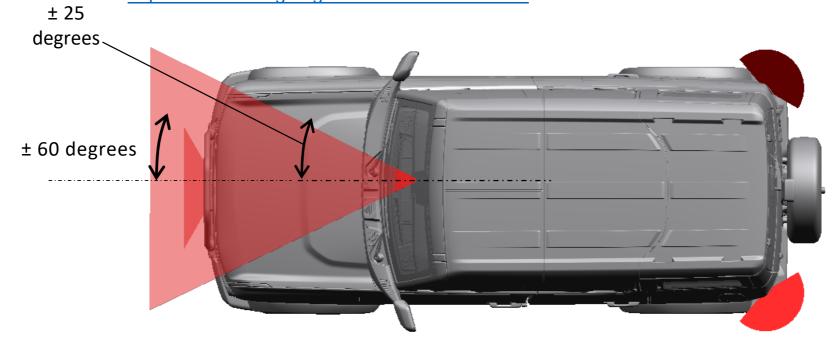
BRONCO ADAS SENSOR FIELDS OF VIEW (KEEP OUT ZONES)

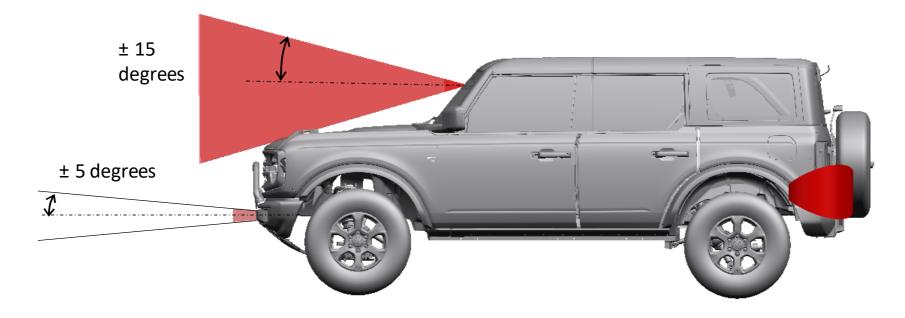
2023 MODEL YEAR

Installed equipment should <u>not</u> infringe on the sensor field of view zones.

CAD files for 3 and 5 door models are available upon request via SEMA Tech Transfer:

https://www.semagarage.com/techtransfer/Index. Reference file FNA7409762



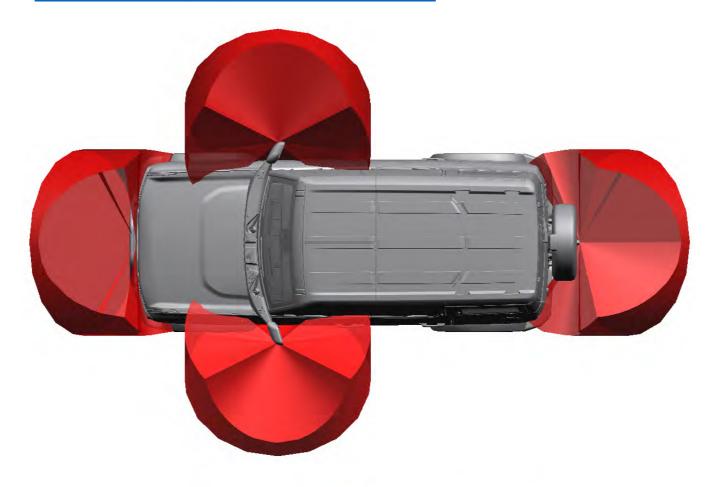


Bronco Equipment Installation Guide

BRONCO 360 DEGREE CAMERA FIELDS OF VIEW

2023 MODEL YEAR

Installed equipment should not infringe on the rear view camera field of view zone. CAD files for 3 and 5 door models are available upon request via SEMA Tech Transfer: https://www.semagarage.com/techtransfer/Index. Reference file FNA7677526



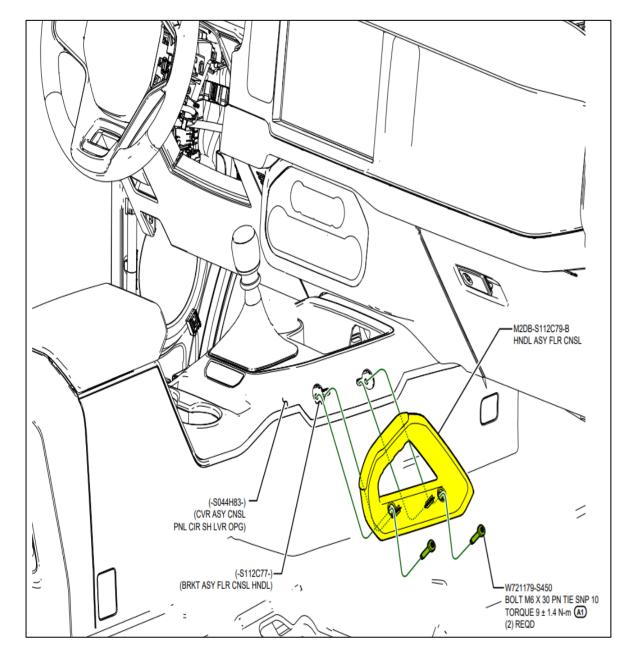
WARNING:

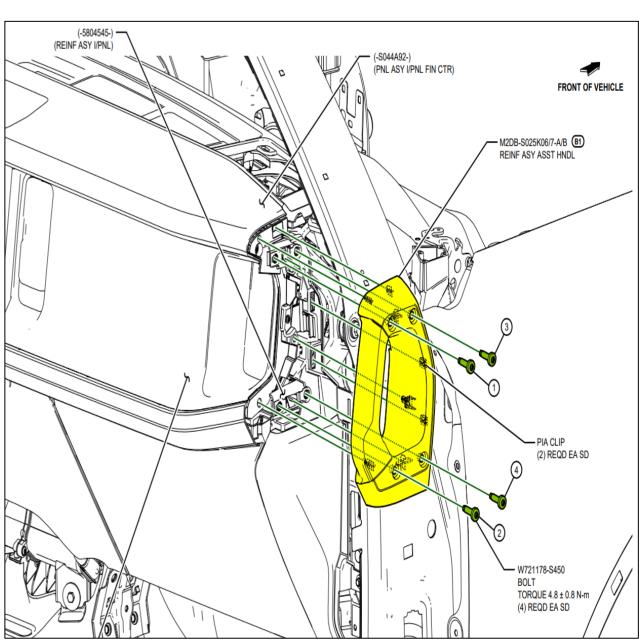
Obstruction of the rear view camera Field of View may result in vehicle non-compliance to FMVSS 111 Rear Visibility standard.



BRONCO INTERIOR



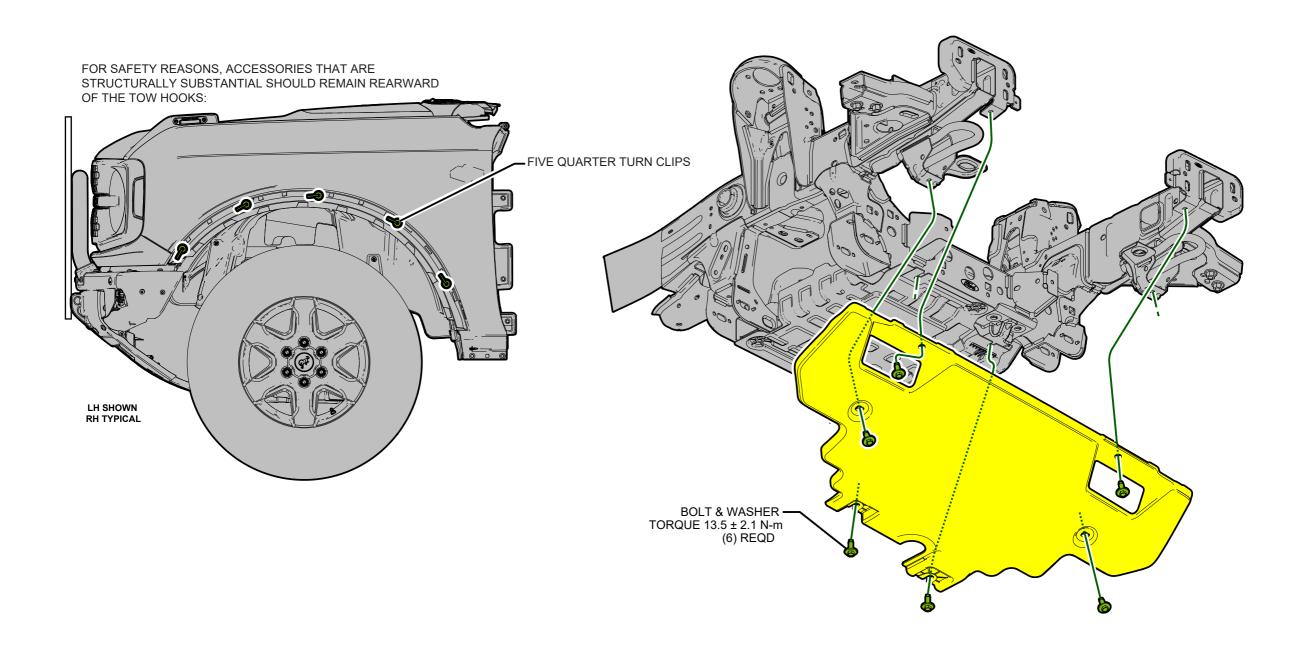




Console Grab Handle

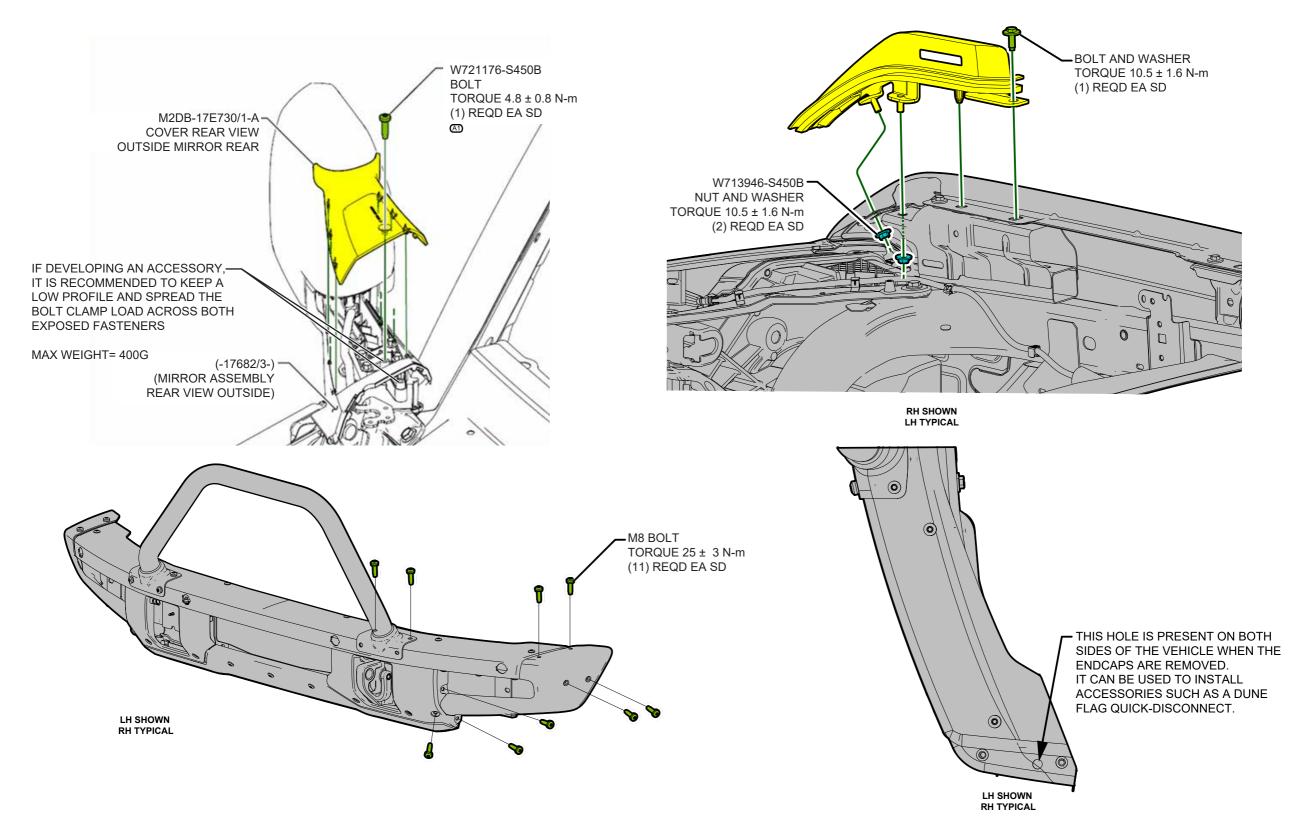
IP Grab Handle

BRONCO BODY MOUNTING POINTS



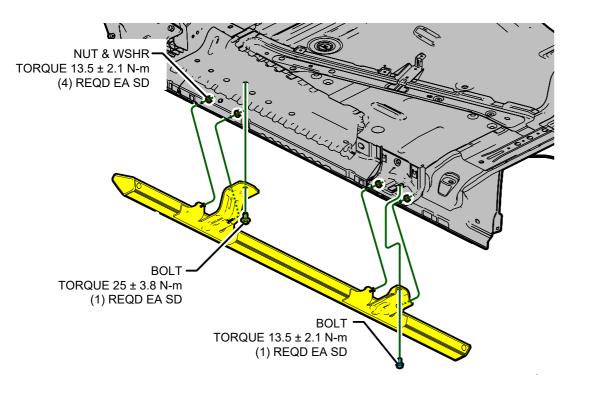


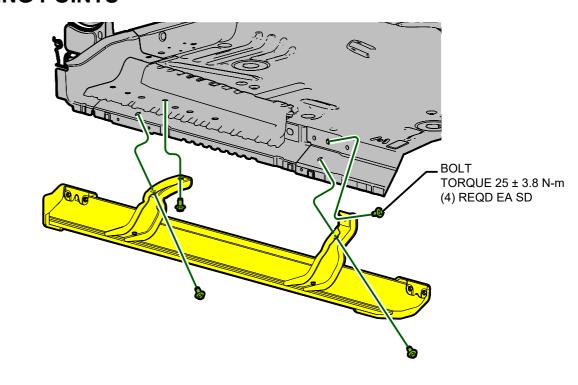
BRONCO BODY MOUNTING POINTS

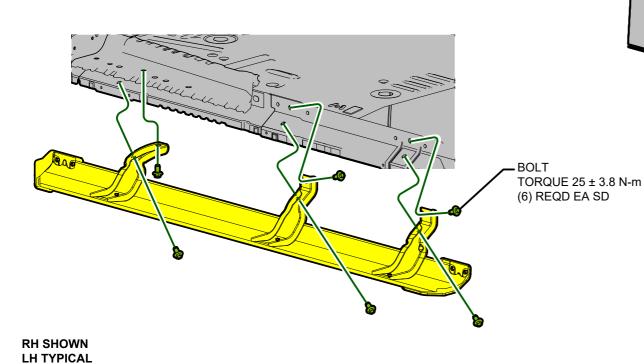


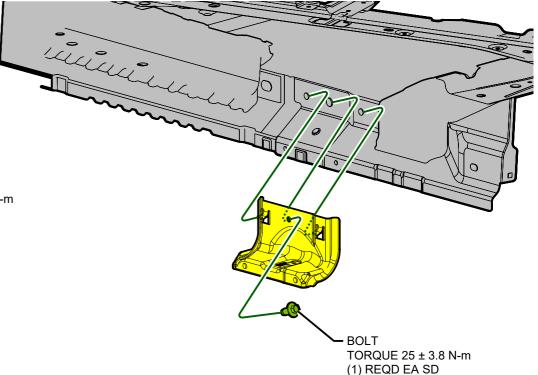
12 BRONCO

BRONCO BRONCO BODY MOUNTING POINTS









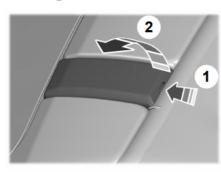
13

BRONCO

BRONCO BODY MOUNTING POINTS

2023
MODEL YEAR

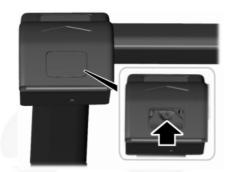
Installing the Roof Rack



- To remove, press the button on the rear of the cover and rotate forward.
- 2. Remove the fasteners and remove the trim cover retaining plate.
- 3. Store the trim cover components.



- 4. Position the roof rack on the vehicle.
- 5. Hand start the front roof rack fasteners.
- 6. Using the provided T30 tool, tighten the front roof rack fasteners. Torque bolts to 7.7 lb.ft (10.5 Nm)
- Align the cover with the alignment slot and rotate rearward.
- Hand start the front roof rack cover fasteners
- Using the provided T30 tool, tighten the front roof rack cover fasteners. Torque bolts to 5.9 lb.ft (8 Nm).



Note: The rear crossbar is part of the clamping system. If you removed the crossbar you must install it first for proper attachment to the hard top.

Using the supplied special tool, tighten the fastener.

Note: The supplied special tool stops turning the fastener when you have proper torque applied.

Install the rear roof rack fastener cover.

See Owners Manual for full instructions

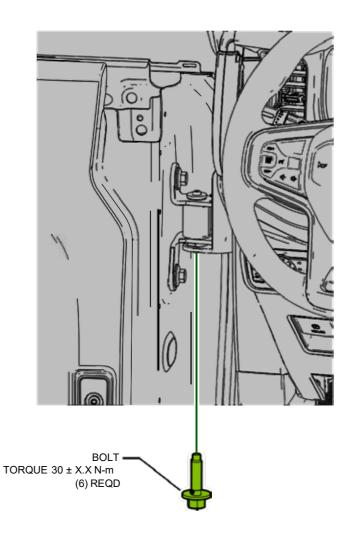
ROOF RACK LOAD CAPACITIES

Maximum Recommended Load Amounts

Description	Maximum Recommended Load
When in motion	110 lb (50 kg)
When stationary	450 lb (204 kg)
Vehicles with 315/70R17 Tires	0 lb (0 kg)

Note: The maximum recommended load is based on the load being evenly distributed on the crossbars.

DOOR HINGE BOLTS



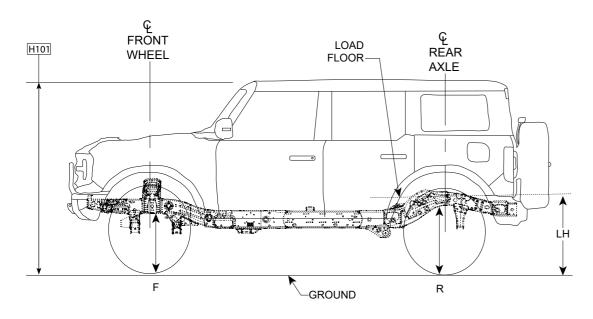
Maximum Recommended Door Weights

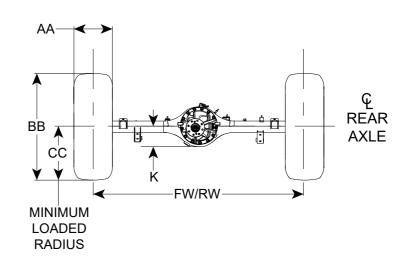
3 <u>Door</u> 62lbs Front <u>5 Door</u> 55lbs Front Tailgate 133lbs

44lbs Rear



BRONCO AXLE / TIRE / VEHICLE HEIGHT DATA





	WB	GVWR		F Height @ F to Bottom mm	of Frame	R Height @ R Bottom o mm	of Frame	L	H [in]		101 i [in]	ĸ	AA	ВВ	CC	W102-1	W102-1
Model	inches	pounds	Tire	Height @ Base Curb Weight	Loaded Height @ Spring Rating	Height @ Base Curb Weight	Loaded Height @ Spring Rating	Empty	Loaded	Empty	Loaded	mm [in]	mm [in]	finl mm finl mm finl	FW mm [in]	RW mm [in]	
2 Door Base		5700	P255/70R16	439 [17.3]	408 [16.1]	555 [21.9]	488 [19.2]	759 [29.9]	684 [26.9]	1826 [71.9]	1759 [69.3]	138 [5.4]	255 [10.0]	764 [30.1]	366 [14.4]	1650 [65.0]	1650 [65.0]
2 Door Badlands	100.4	5800	LT285/70R17	490 [19.3]	463 [18.2]	605 [23.8}	547 [21.5]	809 [31.9]	744 [29.3]	1875 [73.8]	1818 [71.6]	138 [5.4]	286 [11.3]	838 [33.0]	399 [15.7]	1650 [65.0]	1650 [65.0]
2 Door Sasquatch		5800	LT315/70R17	521 [20.5]	500 [19.7]	640 [25.2]	585 [23.0]	845 [33.3]	782 [30.8]	1911 [75.2]	1856 [73.1]	138 [5.4]	313 [12.3]	880 [34.6]	421 [16.6]	1698 [66.9]	1700 [66.9]
4 Door Base		6060	P255/70R16	438 [17.2]	404 [15.9]	555 [21.9]	485 [19.1]	758 [29.8]	681 [26.8]	Soft Top 1853 [73.0] Hard Top 1827 [71.9]	Soft Top 1785 [70.3] Hard Top 1761 [69.3]	138 [5.4]	255 [10.0]	764 [30.1]	365 [14.4]	1650 [65.0]	1650 [65.0]
4 Door Badlands	116.1	6180	LT285/70R17	488 [19.2]	457 [18.0]	605 [23.8]	545 [21.5]	808 [31.8]	743 [29.3]	Soft Top 1903 [74.9] Hard Top 1876 [73.9]	Soft Top 1845 [72.6] Hard Top 1821 [71.7]	138 [5.4]	286 [11.3]	838 [33.0]	399 [15.7]	1650 [65.0]	1650 [65.0]
4 Door Sasquatch		6180	LT315/70R17	520 [20.5]	493 [19.4]	640 [25.2]	583 [23.0]	844 [33.2]	781 [30.7]	Soft Top 1938 [76.3] Hard Top 1912 [75.3]	Soft Top 1883 [74.1] Hard Top 1858 [73.1]	138 [5.4]	313 [12.3]	880 [34.6]	421 [16.6]	1698 [66.9]	1700 [66.9]

⁽¹⁾ The Height Data shown represents dimensions of a base/standard vehicle with no options. Actual height may vary due to production tolerances.

⁽²⁾ Vehicle ride heights are given at tire minimum loaded radius.

BRONCO AXLE AND TRANSMISSION RATIOS

	Bronco Axle Availability												
Final Drive	Drive Front	Rear Differential	Bas	se	Big E	Bend	Black D	iamond	Outer Banks	Wildtrak	Badl	ands	First Edition
Ratio			Manual	Auto	Manual	Auto	Manual	Auto	Auto	Auto	Manual	Auto	Auto
3.73	Open	Open		S		S			S				
4.27	Open	Locking				0			0				
	Open	Open	S		S								
4.46	Open	Locking			0		S	S					
	Locking	Locking										S	
4.7	Locking	Locking		0		0		0	0	S	S	0	S

В	Bronco Transmission Ratios									
10S	P Auto	7sp Manual								
Gear	Ratio (to 1)	Gear	Ratio (to 1)							
1st	4.714	Crawler	6.588							
2nd	2.997	1st	4.283							
3rd	2.149	2nd	2.365							
4th	1.769	3rd	1.453							
5th	1.521	4th	1							
6th	1.275	5th	0.776							
7th	1	6th	0.646							
8th	0.853	Reverse	5.625							
9th	0.689									
10th	0.636									
Reverse	4.885									



BRONCO WHEEL & TIRE DATA

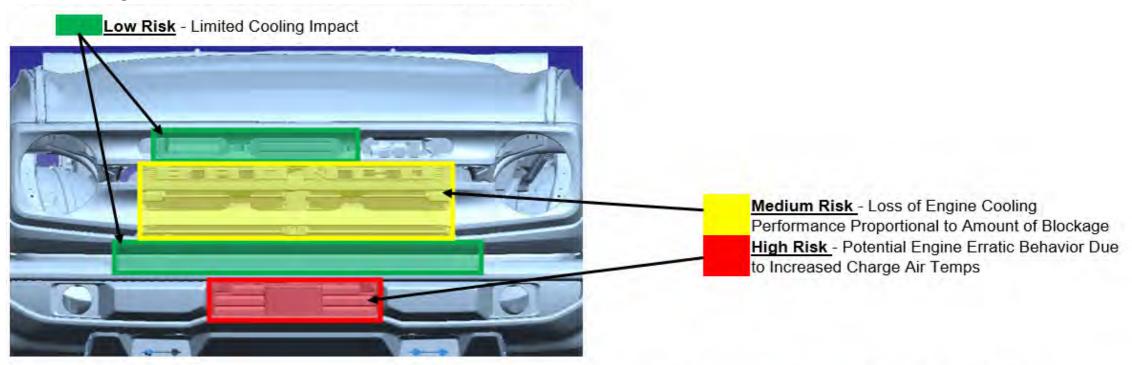
	Tire Specif	cation	
Size	Rim Width (in.)	Section Width (in.)	Static Loaded Radius (in.)
255/70R16 A/S	7	256	343
255/75R17 A/T	7.5	262.6	362
255/70R18 A/T	7.5	257.8	365
LT265/70R17 A/T	7.5	270.6	400
LT285/70R17 A/T	8	280	388
LT285/70R17 M/T	8	292	386
LT315/70R17 M/T	8.5	320	404

	Wheel Specification										
Wheel Type	Wheel Size (in.)	Wheel Offset (in./mm)	Bolt Circle (in./mm)	No. of Studs							
Base	16x7	2.1/55	5.5/139.7	6							
Big Bend	17x7.5	2.1/55	5.5/139.7	6							
Outer Banks	18x7.5	2.1/55	5.5/139.7	6							
Black Diamond	17x7.5	2.1/55	5.5/139.7	6							
Badlands	17x8	2.1/55	5.5/139.7	6							
Optional Badlands	17x8	2.1/55	5.5/139.7	6							
Sasquatch	17x8.5	1.2/30	5.5/139.7	6							

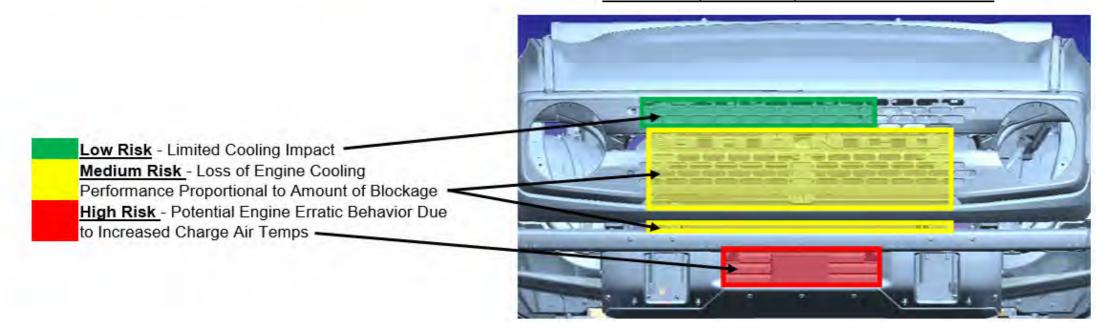
BRONCO BRONCO COOLING CONSIDERATIONS

2023 MODEL YEAR

Base, Big Bend, Outer Banks, Black Diamond Series



Badlands, Wildtrak, First Edition Series





BRONCO ELECTRICAL WIRING ACCESSORY SWITCHES AND WIRING

MODEL YEAR

The Bronco is available with an Auxilliary Switch package that includes six switches wired to six powered circuits and five non-powered circuits to ease the installation of aftermarket equipment. The powered circuits are terminated in blunt cut wires in the These powered circuits can be completed using the non-powered circuits provided and/or your underhood location shown. own wire routing. Terminal locations for the non-power circuits are shown on the next page. Circuits provided are intended to complete the accessory power feed, grounds must be established for each powered circuit. Circuits are active with the ignition in the "on" position only.

Powered Circuits

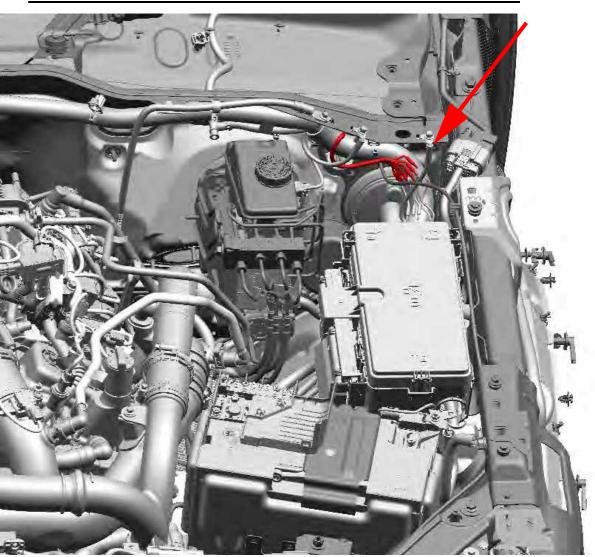
Switch Assignment	Wire Color	Wire Size	Fuse Size
AUX 1	Yellow	1.5 mm²	30A
AUX 2	Green/Brown	1.5 mm²	15A
AUX 3	Violet/Green	0.75 mm²	10A
AUX 4	Brown	0.75 mm²	10A
AUX 5	Blue/Orange	0.75 mm²	10A
AUX 6	Yellow/Orange	0.75 mm²	10A

Non-Powered Circuits

Terminal Location 1	Terminal Location 2	Wire Color	Wire Size (1)
A1 - Engine Compartment near Fuse Box	A2 - Passenger Compartment RH	Brown/White	1.5 mm²
B1 - Engine Compartment near Fuse Box	B2 - Passenger Compartment RH	White	1.5 mm²
C1 - Engine Compartment near Fuse Box	C2 - Front Grille	Violet/Grey	1.5 mm²
D1 - Passenger Compartment RH	D2 - Right-hand Visor	Grey/Orange	1.5 mm²
E1 - Passenger Compartment RH	E2 - Right-hand Rear Quarter Panel	White/Orange	1.5 mm²

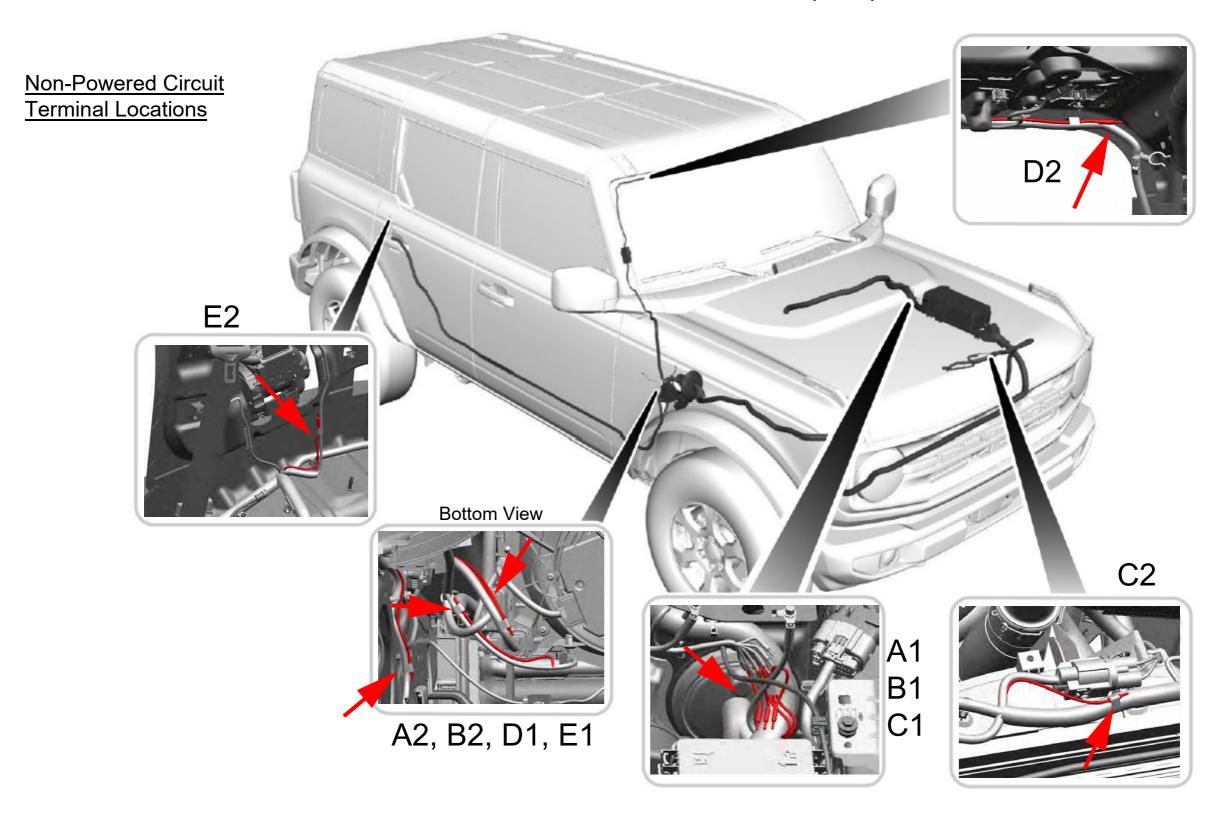
(1) Wiring for non-powered circuits is sized to work with any of the powered circuits.

Powered Circuit Terminal Location - Underhood



19 BRONCO

BRONCO ELECTRICAL WIRING ACCESSORY SWITCHES AND WIRING (Con't)





BRONCO ELECTRICAL WIRING ADDED CIRCUITS

2023 MODEL YEAR

B+ (Hot at All Times)

Any added circuits must be appropriately fused (as close as possible to the battery) and connected to the positive battery terminal in the locations shown.

- The maximum recommended thickness of terminal(s) being installed is 2.5mm.
- The two open terminal studs have different size threads (see below). Use Property Class 8 or 10 nuts for this application.

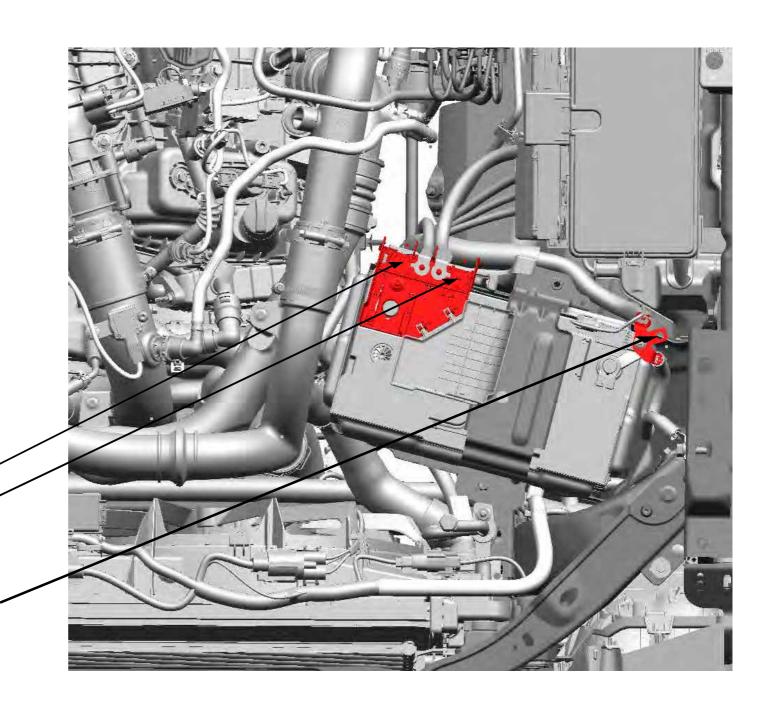
Circuit Grounding

Ground wires for winch or other high current accessories can be connected directly to the battery B- terminal in the location shown. If grounding to the body, do not use existing vehicle grounding points, new ground location(s) must be established.

Locations for B+ connection

M5 Nut, torque to 5.4 +/- 0.9 Nm M6 Nut, torque to 10 +/- 1.5 Nm Max eyelet diameter: 18 mm

Location for B- connection 8.5 mm diameter hole



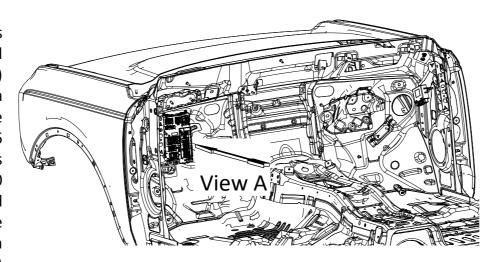
Residual Services Bronco Equipment Installation Guide

BRONCO ELECTRICAL WIRING ADDED CIRCUITS, CONT'D

MODEL YEAR

Delayed Accessory

When installing auxiliary equipment that is active with delayed accessory, a BCM feed can be used to directly power added circuit(s) not exceeding 30A consumption. Install a female terminal kit (DU2Z-14474-JA) into the open location in BCM Connector 3, Pin 36 to start the circuit(s). This BCM output is protected by BCM Fuse #38, rated at 30 Amps. If power consumption of added equipment exceeds Amps, the terminal kit inserted in BCM connector 3, pin can be used to drive relay(s) connected directly to B+.



Run / Start

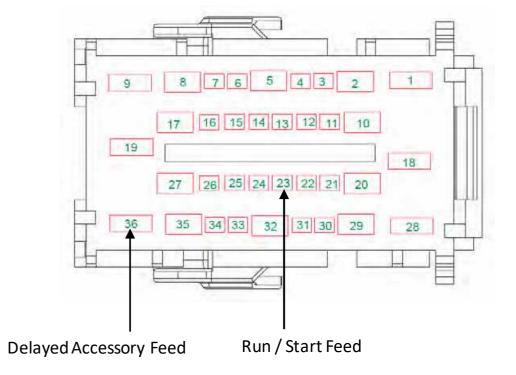
When installing auxiliary equipment that is active with Run / Start condition, a relay connected to B+ must be installed. That relay can then be driven by a run / start feed from the BCM. Install a female terminal kit (DU2Z-14474-DA) into the open location in BCM Connector 3, Pin 23. The terminal kit should then be connected to the relay input (can install a switch between the fuse and relay). This circuit is protected by BCM fuse #22, rated at 5 Amps.

Connector 3 Note: BCM Connector 3 has a black plastic cover that will need to be temporarily removed to install the

BCM Front View

VIEW A

View of Front Face of BCM Connector 3



terminal kit(s)



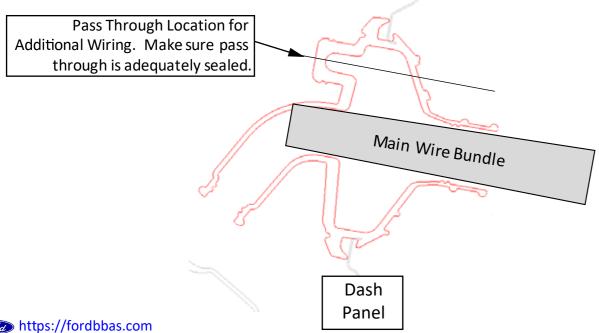
BRONCO ELECTRICAL WIRING WIRING PASS THROUGH LOCATIONS

MODEL YEAR

Passing wires through the vehicle dash panel is best done using the existing wiring grommets, which have a provision specifically for that purpose (See Detail A). Detail A shows the driver side grommet, there is also a similar grommet on the passenger side. Passing wires to roof mounted accessories should be done under the passenger side roof ditch molding as shown in Detail B (drilling required).

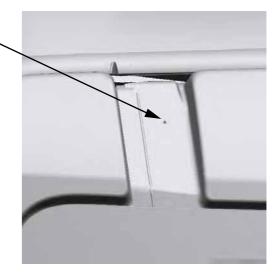
LH Dash Wiring Grommet (View rotated for better visibility) Dash Wire Grommet **Detail B Detail A**

Detail A - Sec on Through Dash Wiring Grommet



Remove RH Roof Ditch Molding and Molding Retainer. Use the dimple provided in the sheet metal as a drill start point, drilling perpendicular to the exterior sheet metal surface. MAX DRILL SIZE is 7/16" diameter. Make sure pass through is adequately sealed. When reinstalling the molding retainer, torque attachment nuts to 10.5 +/- 1.6 Nm.

Detail B - Roof Ditch Molding





BRONCO CHMSL CIRCUIT

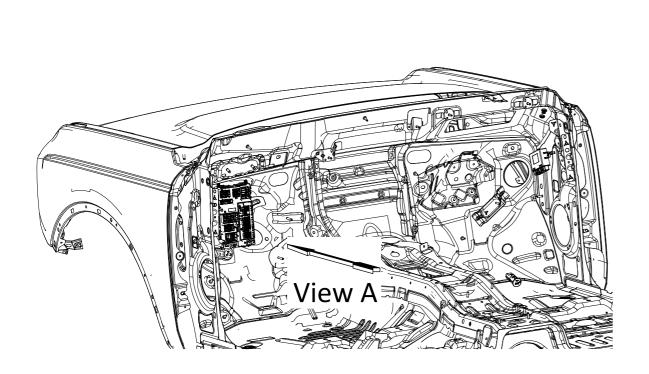
2023 MODEL YEAR

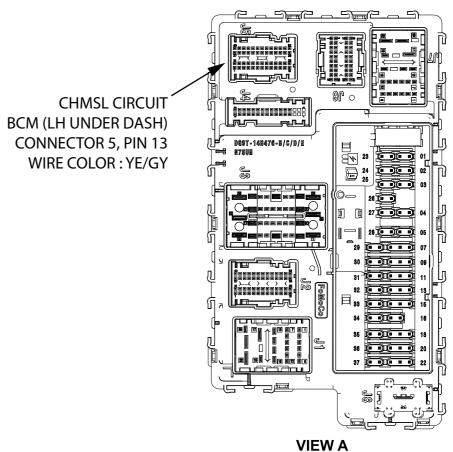
When Equipment is mounted that blocks the factory CHMSL, An auxiliary CHMSL must be fitted.

Circuit Type	Max Current (1) (3)	Factory CHMSL Load (3)	Circuit Reserve Capacity with Factory CHMSL (2)
Non-PWM	1.70A	0.20A	1.50A

Notes:

- (1) The Maximum current load for the circuit must not be exceeded
- (2) If auxiliary CHMSL exceeds the reserve capacity, the factory CHMSL must be disconnected.
- (3) Continuous at 12V





BRONCO BRONCO ELECTRICAL WIRING - HEAD ANDTAIL LAMPS

MODEL YEAR



WARNING:

Head and Tail Lamp circuits must not be modified or reconfigured in any way when using the factory supplied lamps. If using after market Head or Tail Lamps, or if circuits are modified or reconfigured, the vehicle alterer assumes all responsibility for vehicle compliance to lighting related regulations.

Head Lamp Connector

Mat	ing Conne	Head Lamp Pin ector: 10 way Mal		-1601
Func on (4)	Pin#	Wire Color	Circuit Type	Max Current (2)
Low Beam	1	RH: BU / GN LH: BN / BU	Non-PWM	4.2 A
Turn	2	RH: YE/ VT LH: BU/ GN	Non-PWM	2.2 A
Turn Lamp Outage	4	RH: BU/ WT LH: YE/ GN	N/A	N/A
Lin Network	5	YE/ VT	Network	N/A
Daytime Running Lights	7	RH: VT / WT LH: GY / BU	Non-PWM	2.3 A
High Beam	8	RH: BU / GY LH: YE / VT	Non-PWM	20A Fused
Park	9	RH: BN / YE LH: GN / OG	Non-PWM	1.0 A
Ground	10	RH: BK / GY LH: BK / GN	N/A	N/A

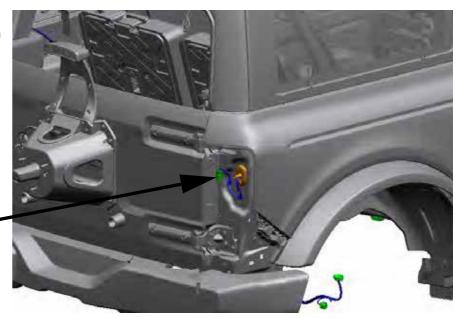
Notes

- (1) Combined Load for RH and LH Lamps
- (2) Continuous at 12V
- (3) Tail Lamp circuits are reconfigurable between separated and combined Stop and Turn*
- (4) Head Lamp circuit functions are reconfigurable in various ways*

*Requires a certified service technician with a Ford Diagnosis and Repair System (FDRS) tool.

Ma		ail Lamp Pin Out nector 6 way Mal		3602
Function	Pin#	Wire Color	Circuit Type	Max Current (2)
Reverse	4	GN/BN	PWM	3.9 A (1)
Park	2	BU/ GY	PWM	1.6 A (1)
Stop / Turn (3)	3	RH: GY / VT LH: WH / GN	PWM	1.9 A
Ground	1	BK / GY	N/A	6.8 A

Ma	iting Conr	Tail Lamp Pin O nector 6 way Male		3602
Function	Pin#	Wire Color	Circuit Type (3)	Max Current (2)
Reverse	4	GN/BN	Non-PWM	3.9 A (1)
Park	2	BU/ GY	Non-PWM	1.6 A (1)
Stop (3)	3	RH: BU / BN LH: BU / GN	Non-PWM	1.9 A
Turn (3)	5	RH: GN / OG LH: GY / OG	Non-PWM	1.9 A
Turn Lamp Outage	6	RH: BU / OG LH: GN / BU	N/A	N/A
Ground	1	BK / GY	N/A	6.8 A



Tail Lamp Connector



LTRS	RE'	VISIONS	
ORIGINATOR	CHECKER	ENGR APP	MATL APP
OLIDOD 4 00000	0.000.0.44.04.51	IN	IITIAL RELEASE
CHP2D4-000000	0-BBLB-AA-01-FN	A-ECN/1	20221027
TNARESH	GPRABHU6	SLAZARZ	