



Body Builders Layout Book

F-150

2019
MODEL YEAR

CHANGE CONTROL INDEX				
LTRS	REVISIONS			
ORIGINATOR	CHECKER	ENGR APP	MATL APP	
CHKL34-1B347-AA-00-FNA-ECN/1		INITIAL RELEASE		
RELEASED		20180921		
FTSI	RWAGNE43	DATOVSKI	--	





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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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F-150 MODEL LINEUP REGULAR CAB

2019

MODEL YEAR

Cab Style/ Drive/WB (in.)	Engine	Max. GVWR (lbs.)	Max. Payload (lbs.) (1)	Max. OPT/ARC Weight (lbs.) (2)	Max. GAWR (lbs.) (3)		Base Curb Weight (lbs.)		
					Front	Rear	Front	Rear	Total
Regular Cab 4x2 122	3.3L PFDI	6100	1990	341/593	3000	3350	2383	1686	4069
	2.7L EcoBoost	6070	1860	342/606	3000	3350	2464	1702	4166
	5.0L Ti-VCT	6200	1950	334/596	2850	3800	2451	1749	4200
Regular Cab 4x4 122	3.3L Ti-VCT	6120	1730	306/545	3000	3350	2585	1758	4343
	2.7L EcoBoost	6210	1720	320/562	3150	3350	2675	1769	4444
	5.0L Ti-VCT	6400	1840	349/601	3150	3800	2720	1785	4505
Regular Cab 4x2 141	3.3L PFDI	6170	1960	416/663	3000	3350	2477	1687	4164
	2.7L EcoBoost	6220	1920	436/698	3150	3350	2558	1687	4255
	2.7L EcoBoost (4)	6900	2470	411/646	3150	4050	2612	1772	4384
	5.0L Ti-VCT	6750	2390	432/707	3150	3800	2608	1702	4310
	3.5L EcoBoost	7050	2640	441/742	3150	4050	2635	1730	4365
	5.0L Ti-VCT (5)	7600	3040	310/573	3400	4550	2695	1810	4505
	5.0L Ti-VCT (6)	7850	3270	357/622	3400	4800	2699	1829	4528
	3.5L EcoBoost (5)	7600	3000	297/530	3400	4550	2707	1842	4549
	3.5L EcoBoost (6)	7850	3230	347/583	3400	4800	2709	1859	4568
Regular Cab 4x4 141	3.3L PFDI	6390	1920	391/618	3225	3350	2718	1700	4418
	2.7L EcoBoost	6500	1920	416/628	3300	3350	2820	1709	4529
	2.7L EcoBoost (4)	6800	2110	391/616	3375	3800	2859	1777	4636
	5.0L Ti-VCT	6950	2320	449/714	3375	3800	2821	1755	4576
	3.5L EcoBoost	7050	2370	421/699	3375	4050	2821	1805	4626
	5.0L Ti-VCT (5)	7600	2890	332/585	3400	4550	2855	1803	4658
	5.0L Ti-VCT (6)	7850	3150	378/633	3750	4800	2839	1806	4645
	3.5L EcoBoost (5)	7600	2780	318/541	3400	4550	2904	1860	4764
	3.5L EcoBoost (6)	7850	3040	368/575	3750	4800	2902	1856	4758



Body Builders Layout Book

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F-150 MODEL LINEUP SUPERCAB

2019

MODEL YEAR

Cab Style/ Drive/WB (in.)	Engine	Max. GVWR (lbs.)	Max. Payload (lbs.) (1)	Max. OPT/ARC Weight (lbs.) (2)	Max. GAWR (lbs.) (3)		Base Curb Weight (lbs.)		Total
					Front	Rear	Front	Rear	
SuperCab 4x2 145	3.3L PFDI	6300	1840	568/864	3225	3350	2560	1855	4415
	2.7L EcoBoost	6400	1840	647/946	3375	3350	2651	1855	4506
	2.7L EcoBoost(4)	6750	2120	622/917	3375	3800	2673	1903	4576
	5.0L Ti-VCT	6900	2320	643/991	3450	3800	2680	1854	4534
	3.5L EcoBoost	6900	2260	653/975	3450	3800	2698	1892	4590
	3.0L DIESEL	7050	2020	TBD	3750	3800	2916	2059	4975
SuperCab 4X4 145	3.3L PFDI	6500	1770	548/797	3450	3350	2801	1874	4675
	2.7L EcoBoost	6500	1640	640/775	3570	3350	2903	1903	4806
	2.7L EcoBoost (4)	7000	2130	607/877	3600	3800	2896	1917	4813
	5.0L Ti-VCT	7050	2200	666/988	3600	3800	2913	1887	4800
	3.5L EcoBoost	7050	2150	638/939	3650	3800	2920	1922	4842
	3.0L DIESEL	7050	1760	TBD	3900	3800	3147	2089	5236
	3.0L DIESEL	7000	1690	TBD	3900	3800	3148	2103	5251
SuperCab 4x2 164	2.7L EcoBoost	6500	1800	648/873	3500	3350	2743	1902	4645
	2.7L EcoBoost (4)	6900	2150	622/915	3600	3800	2799	1901	4700
	5.0L Ti-VCT	7000	2290	643/971	3600	3800	2790	1865	4655
	3.5L EcoBoost	7050	2250	653/950	3650	4050	2835	1912	4747
	5.0L Ti-VCT (5)	7600	2770	351/669	3750	4550	2834	1948	4782
	5.0L Ti-VCT (6)	7850	3070	516/834	3750	4800	2797	1935	4732
	3.5L EcoBoost (5)	7600	2740	337/625	3750	4550	2841	1968	4809
	3.5L EcoBoost (6)	7850	2950	504/792	3750	4800	2857	1994	4851
SuperCab 4X4 164	5.0L Ti-VCT	7000	2020	669/977	3680	3800	2912	2016	4928
	3.5L EcoBoost	7050	2050	638/916	3680	4050	2880	2066	4946
	5.0L Ti-VCT (5)	7600	2530	372/680	3750	4550	2982	2031	5013
	5.0L Ti-VCT (6)	7850	2760	542/851	3750	4800	2984	2046	5030
	3.5L EcoBoost (5)	7600	2490	358/636	3750	4550	2997	2057	5054
	3.5L EcoBoost (6)	7850	2730	530/809	3750	4800	2998	2068	5066





Body Builders Layout Book

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F-150 MODEL LINEUP SUPERCREW

2019

MODEL YEAR

Cab Style/ Drive/WB (in.)	Engine	Max.	Max.	Max. OPT/ARC	Max. GAWR (lbs.) (3)		Base Curb Weight (lbs.)		
		GVWR (lbs.)	Payload (lbs.) (1)	Weight (lbs.) (2)	Front	Rear	Front	Rear	Total
SuperCrew 4x2 145	3.3L PFDI	6280	1700	551/782	3300	3350	2604	1924	4528
	2.7L EcoBoost	6360	1710	641/838	3375	3350	2672	1931	4603
	2.7L EcoBoost(4)	6650	1940	615/876	3375	3800	2690	1969	4659
	5.0L Ti-VCT	6800	2140	636/980	3375	3800	2692	1916	4608
	3.5L EcoBoost(7)	6750	1520	324/504	3375	3800	2975	2197	5172
	3.5L EcoBoost	6750	2050	679/881	3375	4050	2697	1949	4646
	3.0L DIESEL	7050	1980	TBD	3600	3800	2910	2101	5011
SuperCrew 4x4 145	3.3L PFDI	6500	1680	538/744	3500	3350	2826	1944	4770
	2.7L EcoBoost	6600	1690	623/822	3570	3350	2905	1954	4859
	2.7L EcoBoost (4)	6900	1940	601/853	3600	3800	2911	1991	4902
	5.0L Ti-VCT	7000	2080	659/981	3600	3800	2918	1950	4868
	3.5L EcoBoost (7)	6750	1270	334/368	3600	3800	3196	2228	5424
	3.5L EcoBoost	7000	2050	665/866	3600	4050	2918	1980	4898
	3.0L DIESEL	7050	1720	TBD	3900	3800	3138	2133	5271
SuperCrew 4x2 157	3.0L DIESEL	7000	1660	TBD	3900	3800	3139	2147	5286
	2.7L EcoBoost	6500	1820	655/909	3450	3350	2746	1882	4628
	2.7L EcoBoost (4)	6800	2060	630/907	3450	3800	2745	1940	4685
	5.0L Ti-VCT	6950	2260	651/1004	3450	3800	2749	1892	4641
	3.5L EcoBoost	7000	2270	694/895	3525	4050	2763	1912	4675
	5.0L Ti-VCT (5)	7600	2660	331/621	3750	4550	2866	2018	4884
	5.0L Ti-VCT (6)	7850	2930	518/808	3750	4800	2852	2018	4870
	3.5L EcoBoost (5)	7600	2630	318/577	3750	4550	2871	2040	4911
	3.5L EcoBoost (6)	7850	2870	506/766	3750	4800	2874	2055	4929
SuperCrew 4x4 157	3.0L DIESEL	7050	1920	TBD	3750	3800	2997	2080	5077
	5.0L Ti-VCT	7050	2080	673/1010	3650	3800	2984	1929	4913
	3.5L EcoBoost	7050	2050	676/877	3680	4050	2985	1961	4946
	5.0L Ti-VCT (5)	7600	2410	352/609	3750	4550	3102	2032	5134
	5.0L Ti-VCT (6)	7850	2710	545/726	3750	4800	3066	2020	5086
	3.5L EcoBoost (5)	7600	2390	339/588	3750	4550	3102	2051	5153
	3.5L EcoBoost (6)	7850	2690	533/714	3750	4800	3067	2041	5108
	3.0L DIESEL	7100	1720	TBD	3900	3800	3209	2111	5320
	3.0L DIESEL	7050	1660	TBD	3900	3800	3211	2124	5335



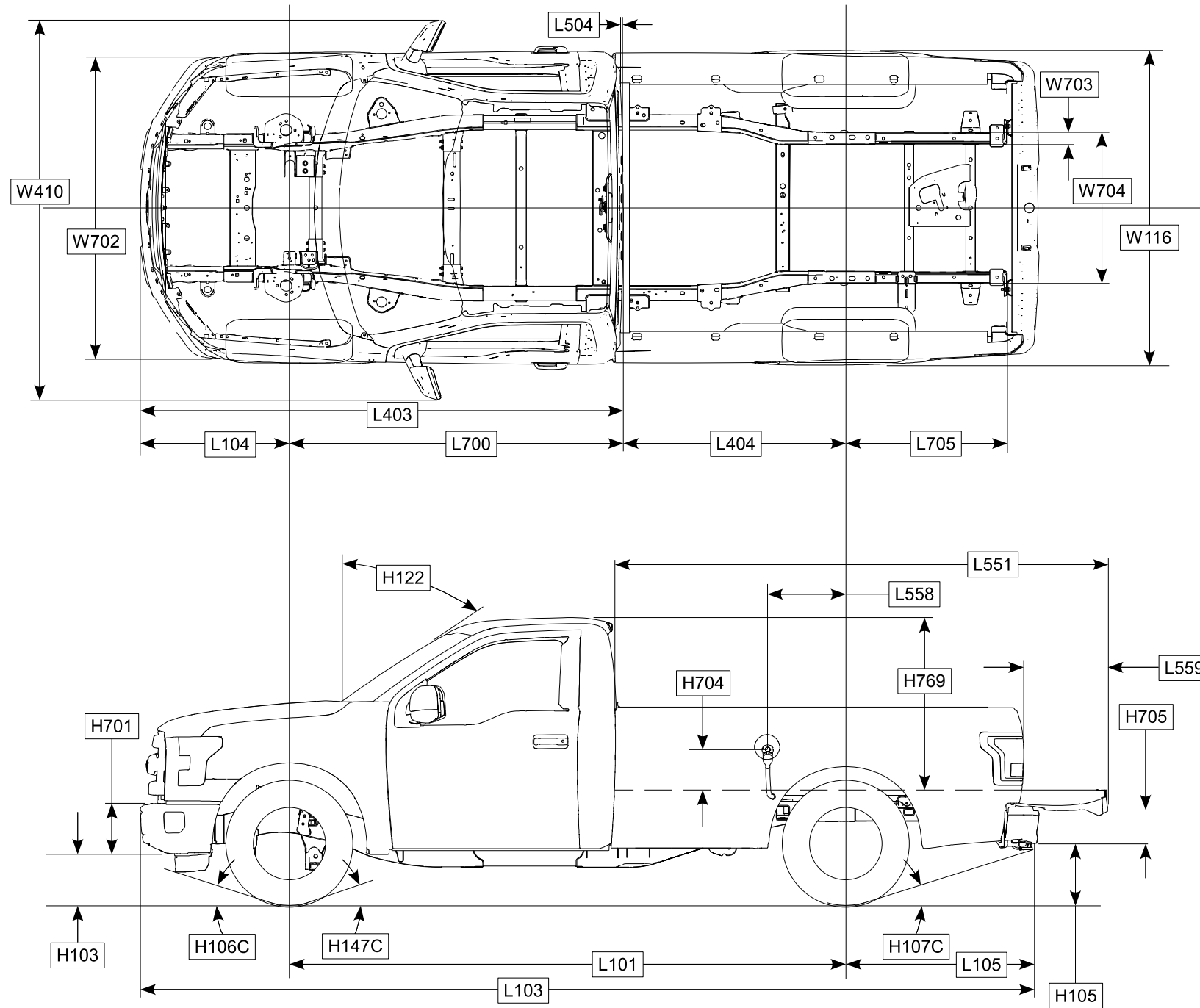


F-150 MODEL LINEUP FOOTNOTES

- (1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.
- (2) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment Accessory Reserve Capacity (ARC) for models with standard equipment and the engine/transmission combination indicated.
- (3) Gross Axle Weight Rating (GAWR) is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVWR.
- (4) Ratings based on 2.7L EcoBoost V6 Payload Package (622).
- (5) Ratings based on 17" tire/wheel. Refer to Heavy-Duty Payload Package (627) for details.
- (6) Ratings based on 18" tire/wheel. Refer to Heavy-Duty Payload Package (627) for details.
- (7) Limited model.

NOTE: See the Truck Payload section in the Source Book Appendices or on *eSourceBook* for optional equipment weights.

F-150 DIMENSIONAL DATA REGULAR CAB





Body Builders Layout Book

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F-150

F-150 DIMENSIONAL DATA REGULAR CAB (Cont'd)

2019

MODEL YEAR

CHASSIS

CODE	DESCRIPTION	122.4" WB		141.1" WB	
		4x2	4x4	4x2	4x4
H103	BOTTOM OF FRONT BUMPER VALANCE TO GROUND @ CURB	315 [12.4]	334 [13.1]	304 [12.0]	348 [13.7]
H105	BOTTOM OF REAR BUMPER VALANCE TO GROUND @ CURB	524 [20.6]	576 [22.7]	525 [20.7]	570 [22.4]
H106C	APPROACH ANGLE @ CURB (DEGREES)	24.8	24.8	24.1	25.7
H107C	DEPARTURE ANGLE @ CURB (DEGREES) (TAKEN AT BOTTOM OF BUMPER)	24.6	27.1	24.7	26.8
H147C	RAMP BREAKOVER ANGLE @ CURB (DEGREES)	22.1	24.7	19.3	22.1
L101	WHEELBASE	3109 [122.4]		3583 [141.1]	
L103	VEHICLE LENGTH	5315 [209.3]		5789 [227.9]	
L104	FRONT OVERHANG (NO LICENSE PLATE BRACKET)		959 [37.8]		
L105	REAR OVERHANG		1247 [49.1]		
L403	FRONT OF BUMPER TO BACK OF CAB		3087 [121.5]		
L404	CAB TO $\varnothing$ OF REAR AXLE	981 [38.6]		1455 [57.3]	
L700	$\varnothing$ OF FRONT AXLE TO BACK OF CAB		2128 [83.8]		
L705	$\varnothing$ OF REAR AXLE TO REAR END OF FRAME	1043 [41.1]		1043 [41.1]	
W703	FRAME RAIL WIDTH		68 [2.7]		
W704	REAR FRAME WIDTH		964 [38.0]		

PICKUP BODY

CODE	DESCRIPTION	122.4" WB	141.1" WB
NOMINAL CARGO BODY SIZE		6.5 FT	8 FT
H704	TOP OF PICKUP BOX FLOOR (HIGHEST POINT) TO $\varnothing$ OF FUEL FILLER DOOR	277 [10.9]	
H705	REAR BUMPER HEIGHT	233 [9.2]	
H769	TOP OF PICKUP BOX FLOOR (HIGHEST POINT) TO TOP OF CAB @ $\varnothing$ OF REAR AXLE	1113 [43.8]	
L504	CAB TO PICKUP BOX	16 [0.6]	
L551	BOX OVERALL LENGTH TO OPEN TAILGATE (MINIMUM)	2650 [104.3]	3124 [123.0]
L558	$\varnothing$ OF REAR AXLE TO $\varnothing$ OF FUEL FILLER DOOR	505 [19.9]	
L559	LENGTH OF OPEN TAILGATE	543 [21.4]	

CAB *

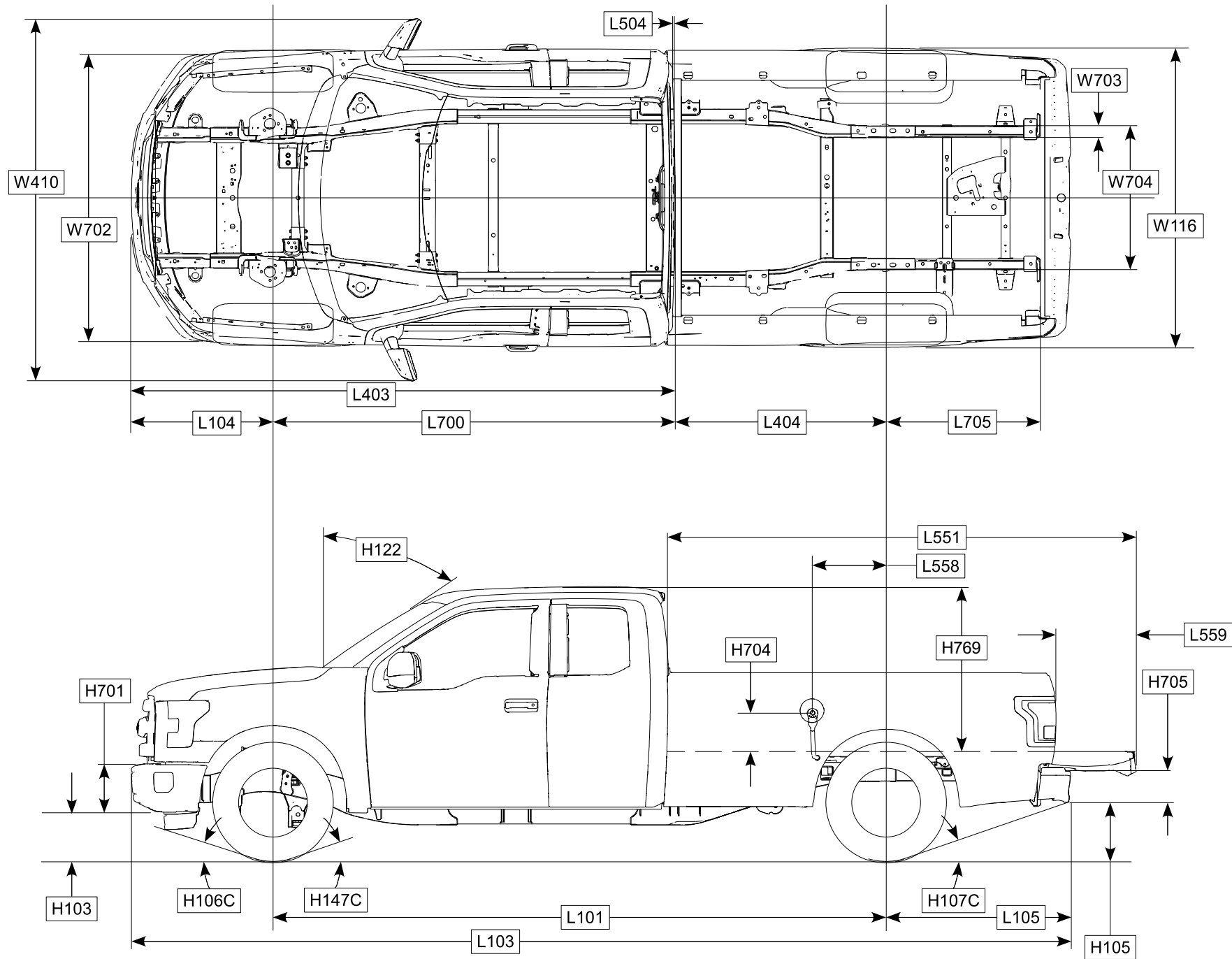
CODE	DESCRIPTION	4x2	4x4
H122	WINDSHIELD ANGLE (DEGREES)	55.8	
H701	FRONT BUMPER HEIGHT W/ VALENCES	343 [13.5]	343 [13.5]
W116	VEHICLE BODY WIDTH (MAX W/O MIRRORS)	2030 [79.9]	
W410	VEHICLE WIDTH (MAX W/ STANDARD MIRRORS)	2459 [96.8]	
W410	VEHICLE WIDTH (MAX W/ OPTIONAL TRAILER TOW MIRRORS)	2689 [105.9]	
W702	FRONT BUMPER WIDTH	1946 [76.6]	

* Common cab dimensions between 122.4" & 141.1" WB

NOTE — [] DIMENSIONS ARE INCHES.



F-150 DIMENSIONAL DATA SUPERCAB





Body Builders Layout Book

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F-150 DIMENSIONAL DATA SUPERCAB (Cont'd)

2019

MODEL YEAR

CHASSIS

CODE	DESCRIPTION	145" WB		163.7" WB	
		4x2	4x4	4x2	4x4
H103	BOTTOM OF FRONT BUMPER VALANCE TO GROUND @ CURB	309 [12.2]	349 [13.7]	309 [12.2]	353 [13.9]
H105	BOTTOM OF REAR BUMPER VALANCE TO GROUND @ CURB	509 [20.0]	555 [21.9]	519 [20.4]	551 [21.7]
H106C	APPROACH ANGLE @ CURB (DEGREES)	24.4	25.8	24.5	26.1
H107C	DEPARTURE ANGLE @ CURB (DEGREES) (TAKEN AT BOTTOM OF BUMPER)	24.0	26.1	24.4	26.0
H147C	RAMP BREAKOVER ANGLE @ CURB (DEGREES)	18.5	21.2	16.8	19.0
L101	WHEELBASE	3683 [145.0]		4157 [163.7]	
L103	VEHICLE LENGTH	5889 [231.9]		6363 [250.5]	
L104	FRONT OVERHANG (NO LICENSE PLATE BRACKET)	959 [37.8]			
L105	REAR OVERHANG	1247 [49.1]			
L403	FRONT OF BUMPER TO BACK OF CAB	3661 [144.1]			
L404	CAB TO $\varnothing$ OF REAR AXLE	981 [38.6]		1455 [57.3]	
L700	$\varnothing$ OF FRONT AXLE TO BACK OF CAB	2702 [106.4]			
L705	$\varnothing$ OF REAR AXLE TO REAR END OF FRAME	1043 [41.1]		1043 [41.1]	
W703	FRAME RAIL WIDTH	68 [2.7]			
W704	REAR FRAME WIDTH	964 [38.0]			

PICKUP BODY

CODE	DESCRIPTION	145" WB	163.7" WB
NOMINAL CARGO BODY SIZE		6.5 FT	8 FT
H704	TOP OF PICKUP BOX FLOOR (HIGHEST POINT) TO $\varnothing$ OF FUEL FILLER DOOR	277 [10.9]	
H705	REAR BUMPER HEIGHT	233 [9.2]	
H769	TOP OF PICKUP BOX FLOOR (HIGHEST POINT) TO TOP OF CAB @ $\varnothing$ OF REAR AXLE	1118 [44.0]	
L504	CAB TO PICKUP BOX	16 [0.6]	
L551	BOX OVERALL LENGTH TO OPEN TAILGATE (MINIMUM)	2650 [104.3]	3124 [123.0]
L558	$\varnothing$ OF REAR AXLE TO $\varnothing$ OF FUEL FILLER DOOR	505 [19.9]	
L559	LENGTH OF OPEN TAILGATE	543 [21.4]	

CAB *

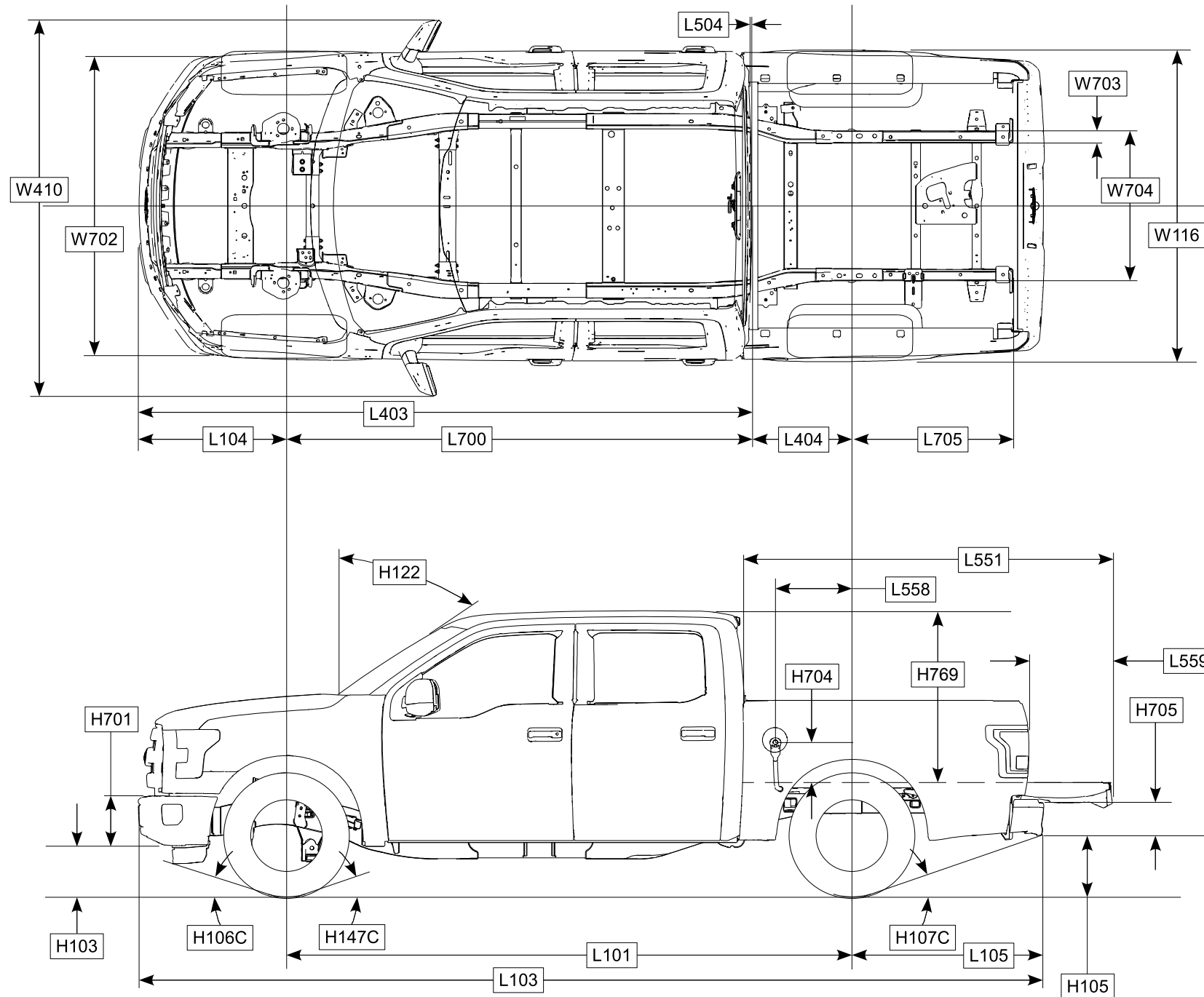
CODE	DESCRIPTION	4x2	4x4
H122	WINDSHIELD ANGLE (DEGREES)	55.8	
H701	FRONT BUMPER HEIGHT W/ VALENCES	343 [13.5]	343 [13.5]
W116	VEHICLE BODY WIDTH (MAX W/O MIRRORS)	2030 [79.9]	
W410	VEHICLE WIDTH (MAX W/ STANDARD MIRRORS)	2459 [96.8]	
W410	VEHICLE WIDTH (MAX W/ OPTIONAL TRAILER TOW MIRRORS)	2689 [105.9]	
W702	FRONT BUMPER WIDTH	1946 [76.6]	

* Common cab dimensions between 145" & 163.7" WB

NOTE — [] DIMENSIONS ARE INCHES.



F-150 DIMENSIONAL DATA SUPERCREW





Body Builders Layout Book

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F-150 DIMENSIONAL DATA SUPERCREW (Cont'd)

2019

MODEL YEAR

CHASSIS

CODE	DESCRIPTION	145" WB		156.8" WB	
		4x2	4x4	4x2	4x4
H103	BOTTOM OF FRONT BUMPER VALANCE TO GROUND @ CURB	304 [12.0]	345 [13.6]	299 [11.8]	344 [13.5]
H105	BOTTOM OF REAR BUMPER VALANCE TO GROUND @ CURB	506 [19.9]	551 [21.9]	521 [20.5]	560 [22.0]
H106C	APPROACH ANGLE @ CURB (DEGREES)	24.1	25.5	23.8	25.5
H107C	DEPARTURE ANGLE @ CURB (DEGREES) (TAKEN AT BOTTOM OF BUMPER)	23.8	26.0	24.5	26.4
H147C	RAMP BREAKOVER ANGLE @ CURB (DEGREES)	18.3	21.0	17.2	19.7
L101	WHEELBASE	3683 [145.0]		3983 [156.8]	
L103	VEHICLE LENGTH	5889 [231.9]		6189 [243.7]	
L104	FRONT OVERHANG (NO LICENSE PLATE BRACKET)	959 [37.8]			
L105	REAR OVERHANG	1247 [49.1]			
L403	FRONT OF BUMPER TO BACK OF CAB	3961 [155.9]			
L404	CAB TO $\varnothing$ OF REAR AXLE	681 [26.8]		981 [38.6]	
L700	$\varnothing$ OF FRONT AXLE TO BACK OF CAB	3002 [118.2]			
L705	$\varnothing$ OF REAR AXLE TO REAR END OF FRAME	1043 [41.1]		1043 [41.1]	
W703	FRAME RAIL WIDTH	68 [2.7]			
W704	REAR FRAME WIDTH	964 [38.0]			

PICKUP BODY

TABLE 1001			
CODE	DESCRIPTION	145" WB	156.8" WB
NOMINAL CARGO BODY SIZE		5.5 FT	6.5 FT
H704	TOP OF PICKUP BOX FLOOR (HIGHEST POINT) TO $\varnothing$ OF FUEL FILLER DOOR	277 [10.9]	
H705	REAR BUMPER HEIGHT	233 [9.2]	
H769	TOP OF PICKUP BOX FLOOR (HIGHEST POINT) TO TOP OF CAB @ $\varnothing$ OF REAR AXLE	1118 [44.0]	
L504	CAB TO PICKUP BOX	16 [0.6]	
L551	BOX OVERALL LENGTH TO OPEN TAILGATE (MINIMUM)	2350 [92.5]	2650 [104.3]
L558	$\varnothing$ OF REAR AXLE TO $\varnothing$ OF FUEL FILLER DOOR	505 [19.9]	
L559	LENGTH OF OPEN TAILGATE	543 [21.4]	

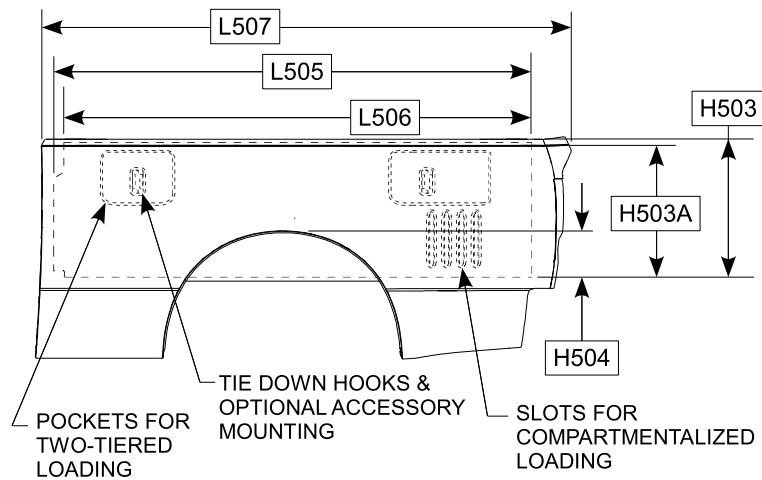
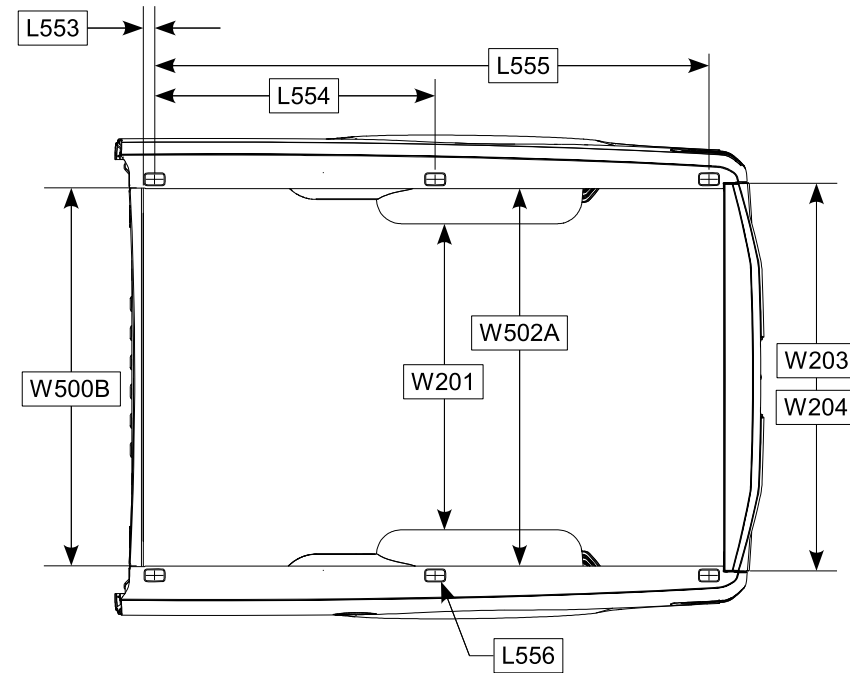
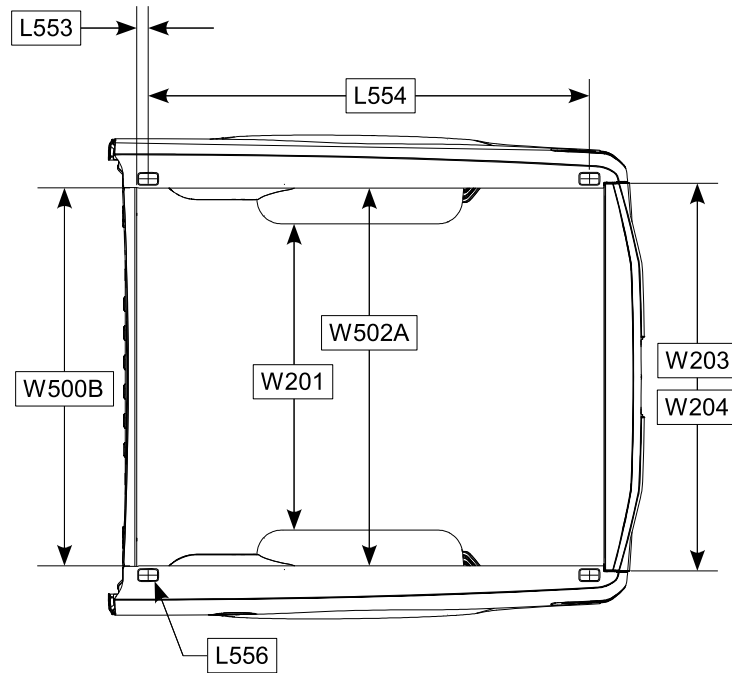
CAB *

CODE	DESCRIPTION	4x2	4x4
H122	WINDSHIELD ANGLE (DEGREES)	55.8	
H701	FRONT BUMPER HEIGHT W/ VALENCES	343 [13.5]	343 [13.5]
W116	VEHICLE BODY WIDTH (MAX W/O MIRRORS)	2030 [79.9]	
W410	VEHICLE WIDTH (MAX W/ STANDARD MIRRORS)	2459 [96.8]	
W410	VEHICLE WIDTH (MAX W/ OPTIONAL TRAILER TOW MIRRORS)	2689 [105.9]	
W702	FRONT BUMPER WIDTH	1946 [76.6]	

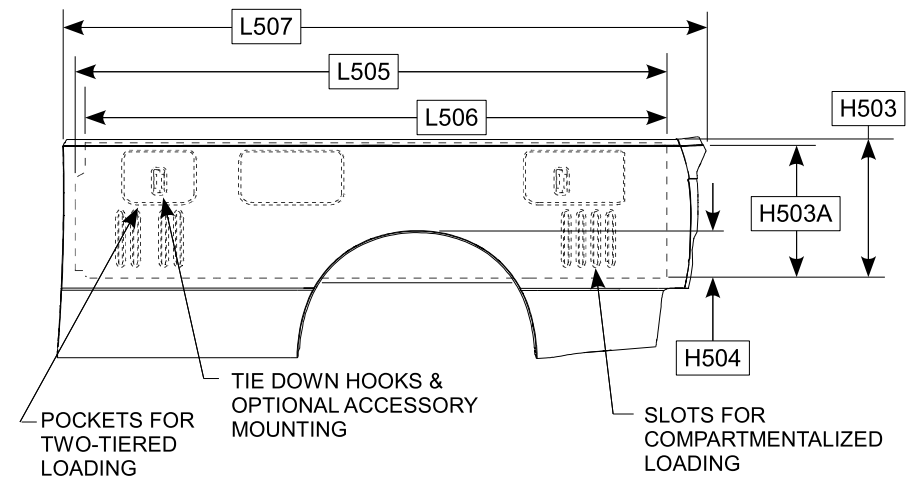
* Common cab dimensions between 145" & 156.8" WB



DIMENSIONAL DATA STYLESIDE PICKUP BOX



5.5 & 6.5 FT. BOX



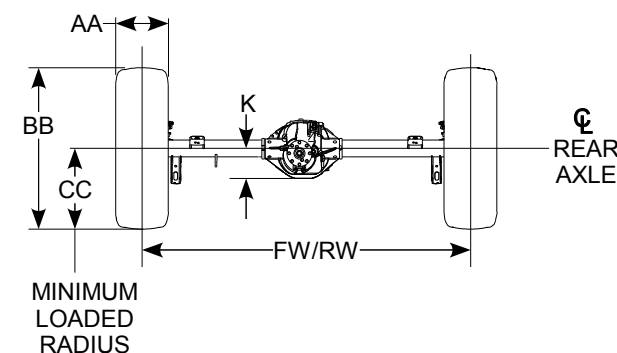
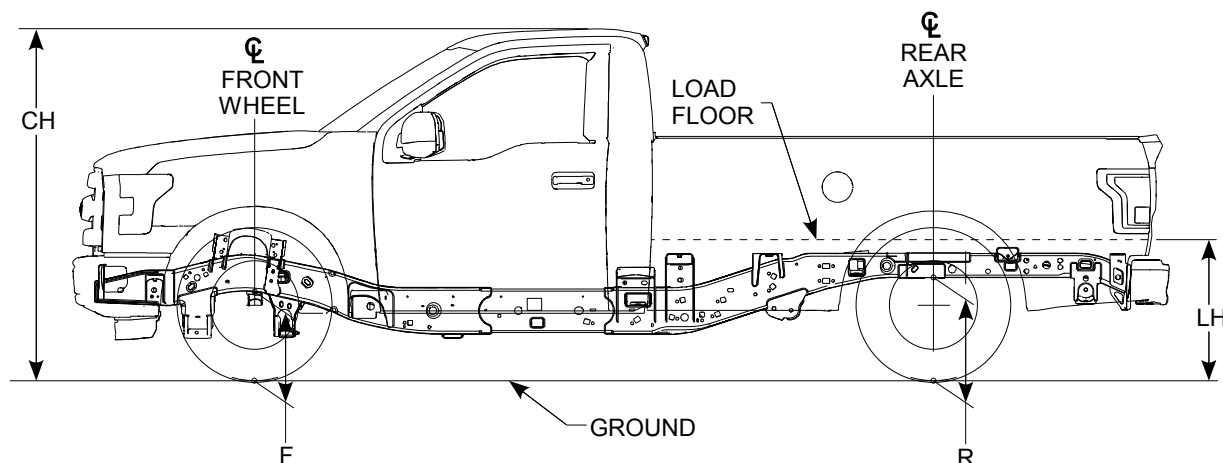
8 FT. BOX


PICKUP BOX

CODE	DESCRIPTION	5.5' STYLESIDE	6.5' STYLESIDE	8' STYLESIDE
H503	CARGO BODY HEIGHT W/ MOLDING	543 [21.4]	543 [21.4]	543 [21.4]
H503A	CARGO BODY HEIGHT WITHOUT MOLDING	534 [21.0]	534 [21.0]	534 [21.0]
H504	WHEELHOUSE HEIGHT	231 [9.1]	231 [9.1]	231 [9.1]
L505	CARGO BODY LENGTH @ FLOOR	1705 [67.1]	2005 [78.9]	2479 [97.6]
L506	CARGO BODY LENGTH @ TOP (BELT)	1662 [65.4]	1962 [77.2]	2436 [95.9]
L507	CARGO BODY OVERALL LENGTH (INCLUDES TAILGATE HANDLE BEZEL)	1958 [77.1]	2258 [88.9]	2732 [107.5]
L553	INSIDE FRONT OF BOX TO  OF STAKE #1	48 [1.9]	48 [1.9]	48 [1.9]
L554	 OF STAKE #1 TO  OF STAKE #2	1550 [61.0]	1850 [72.8]	1176 [46.3]
L555	 OF STAKE #1 TO  OF STAKE #3	NA NA	NA NA	2324 [91.5]
L556	STAKE POCKET SIZE (L x W)	58 x 43 [2.3 x 1.7]	58 x 43 [2.3 x 1.7]	58 x 43 [2.3 x 1.7]
W201	CARGO WIDTH AT WHEELHOUSE	1285 [50.6]	1285 [50.6]	1285 [50.6]
W203	REAR OPENING WIDTH AT FLOOR	1531 [60.3]	1531 [60.3]	1531 [60.3]
W204	REAR OPENING WIDTH @ TOP (BELT)	1531 [60.3]	1531 [60.3]	1531 [60.3]
W500B	CARGO BODY MAXIMUM INSIDE WIDTH @ FLOOR	1656 [65.2]	1656 [65.2]	1656 [65.2]
W502A	CARGO BODY MAXIMUM INSIDE WIDTH @  OF REAR AXLE	1686 [66.4]	1686 [66.4]	1686 [66.4]
V5	CARGO VOLUME - LITERS [CU.FT.]	1495 [52.8]	1764 [62.3]	2191 [77.4]

NOTE — [] DIMENSIONS ARE INCHES.

AXLE / TIRE / VEHICLE HEIGHT DATA REGULAR CAB & SUPERCAB



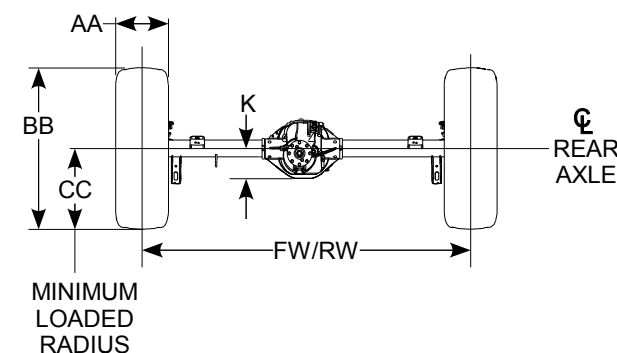
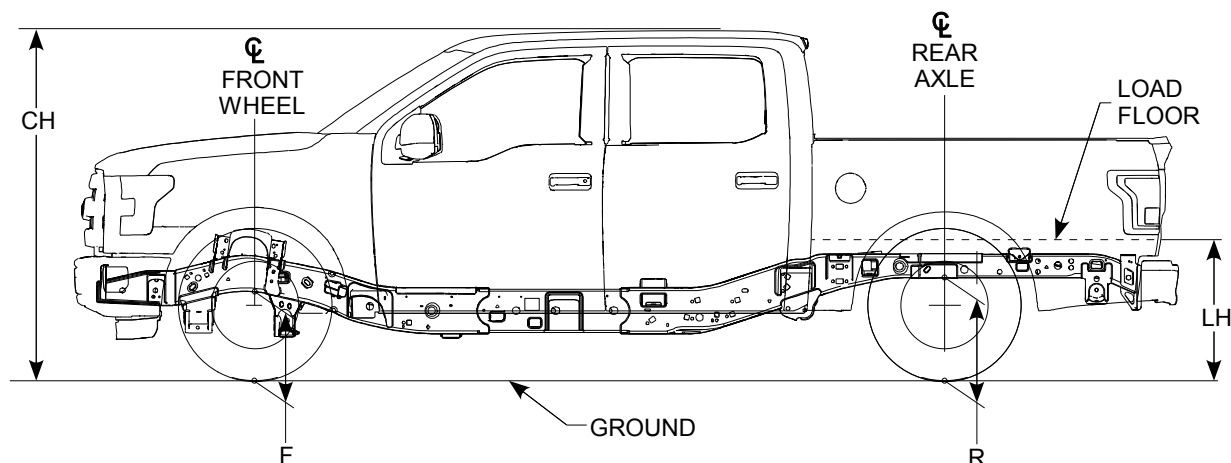
Model	WB inches	GVWR pounds	Base Tire	F Height @ Front Wheel to Bottom of Frame (1)(2) mm [in]		R Height @ Rear Wheel to Bottom of Frame (1)(2) mm [in]		LH (1)(2) mm [in]		CH (1)(2) mm [in]		K mm [in]	AA mm [in]	BB mm [in]	CC mm [in]	FW mm [in]	RW mm [in]
				Height @ Base Curb Weight	Loaded Height @ Spring Rating	Height @ Base Curb Weight	Loaded Height @ Spring Rating	Empty	Loaded	Empty	Loaded						
F-150 Regular Cab 4x2	122.4	6010	P245/70R-17	487 [19.2]	439 [17.3]	638 [25.1]	520 [20.5]	865 [34.1]	724 [28.5]	1918 [75.5]	1830 [72.0]	147 [5.8]	246 [9.7]	775 [30.5]	351 [13.7]	1716 [67.6]	1716 [67.6]
	141.1	6100		476 [18.7]	437 [17.2]	640 [25.2]	520 [20.5]	867 [34.1]	724 [28.5]	1907 [75.1]	1829 [72.0]	147 [5.8]	246 [9.7]	775 [30.5]	351 [13.7]	1716 [67.6]	1716 [67.6]
F-150 Regular Cab 4x4	122.4	6050	P265/70R-17	511 [20.1]	485 [19.1]	683 [26.9]	567 [22.3]	916 [36.1]	770 [30.3]	1954 [76.9]	1876 [73.9]	167 [6.6]	272 [10.7]	805 [31.7]	359 [14.1]	1716 [67.6]	1716 [67.6]
	141.1	6100		520 [20.5]	483 [19.0]	684 [26.9]	567 [22.3]	912 [35.9]	771 [30.4]	1952 [76.9]	1874 [73.8]	167 [6.6]	272 [10.7]	805 [31.7]	359 [14.1]	1716 [67.6]	1716 [67.6]
F-150 SuperCab 4x2	145	6100	P245/70R-17	477 [18.8]	437 [17.2]	628 [24.7]	520 [20.5]	851 [33.5]	725 [28.5]	1917 [75.5]	1834 [72.2]	147 [5.8]	246 [9.7]	775 [30.5]	351 [13.7]	1716 [67.6]	1716 [67.6]
	163.7	7000		478 [18.8]	434 [17.1]	639 [25.2]	516 [20.3]	862 [33.9]	720 [28.3]	1917 [75.5]	1830 [72.0]	147 [5.8]	246 [9.7]	775 [30.5]	351 [13.7]	1716 [67.6]	1716 [67.6]
F-150 SuperCab 4x4	145	6300	P265/70R-17	518 [20.4]	482 [19.0]	673 [26.5]	567 [22.3]	897 [35.3]	771 [30.4]	1960 [77.2]	1880 [74.0]	167 [6.6]	272 [10.7]	805 [31.7]	359 [14.1]	1716 [67.6]	1716 [67.6]
	163.7	7000		520 [20.5]	480 [18.9]	673 [26.5]	563 [22.2]	894 [35.2]	766 [30.2]	1955 [77.0]	1876 [73.9]	167 [6.6]	272 [10.7]	805 [31.7]	359 [14.1]	1716 [67.6]	1716 [67.6]

(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.

NOTE — [] DIMENSIONS ARE INCHES.

AXLE / TIRE / VEHICLE HEIGHT DATA SUPERCREW



Model	WB inches	GVWR pounds	Base Tire	F Height @ Front Wheel to Bottom of Frame (1)(2) mm [in]		R Height @ Rear Wheel to Bottom of Frame (1)(2) mm [in]		LH (1)(2) mm [in]		CH (1)(2) mm [in]		K mm [in]	AA mm [in]	BB mm [in]	CC mm [in]	FW mm [in]	RW mm [in]
				Height @ Base Curb Weight	Loaded Height @ Spring Rating	Height @ Base Curb Weight	Loaded Height @ Spring Rating	Empty	Loaded	Empty	Loaded						
F-150 SuperCrew 4x2	145	6150	P245/70R-17	473 [18.6]	436 [17.2]	625 [24.6]	520 [20.5]	848 [33.4]	725 [28.5]	1919 [75.6]	1835 [72.2]	147 [5.8]	246 [9.7]	775 [30.5]	351 [13.7]	1716 [67.6]	1716 [67.6]
	156.8	6950		470 [18.5]	435 [17.1]	637 [25.1]	516 [20.3]	862 [33.9]	719 [28.3]	1922 [75.7]	1831 [72.1]	147 [5.8]	246 [9.7]	775 [30.5]	351 [13.7]	1716 [67.6]	1716 [67.6]
F-150 SuperCrew 4x4	145	6350	P265/70R-17	514 [20.2]	482 [19.0]	669 [26.3]	567 [22.3]	893 [35.2]	771 [30.4]	1962 [77.2]	1881 [74.1]	167 [6.6]	272 [10.7]	805 [31.7]	359 [14.1]	1716 [67.6]	1716 [67.6]
	156.8	7050		514 [20.2]	481 [18.9]	677 [26.7]	563 [22.2]	902 [35.5]	766 [30.2]	1964 [77.3]	1878 [73.9]	167 [6.6]	272 [10.7]	805 [31.7]	359 [14.1]	1716 [67.6]	1716 [67.6]

(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.

NOTE — [] DIMENSIONS ARE INCHES.



F-150 TIRE & WHEEL DATA

TIRE DATA

Size	Rim Width (in.)	Section Width (in.)	Static Loaded Radius (in.)
245/70R17 110T A/S BSW	7.5	9.88	13.70
265/70R17 115T A/T OWL	7.5	10.86	14.13
265/60R18 110T A/S BSW	7.5	10.24	13.70
265/60R18 110T A/S BSW	7.5	10.39	13.70
275/65R18 116T A/T OWL	7.5	10.98	14.33
275/55R20 113H A/S BSW	7.5	10.98	14.41
275/55R20 113T A/T OWL	7.5	11.06	14.60
275/55R20 113T A/T BSW	8.5	11.10	14.52
LT245/70R17 114S A/T BSW	8.5	9.96	14.37
LT275/65R18 113S A/T OWL	9.0	11.10	14.88

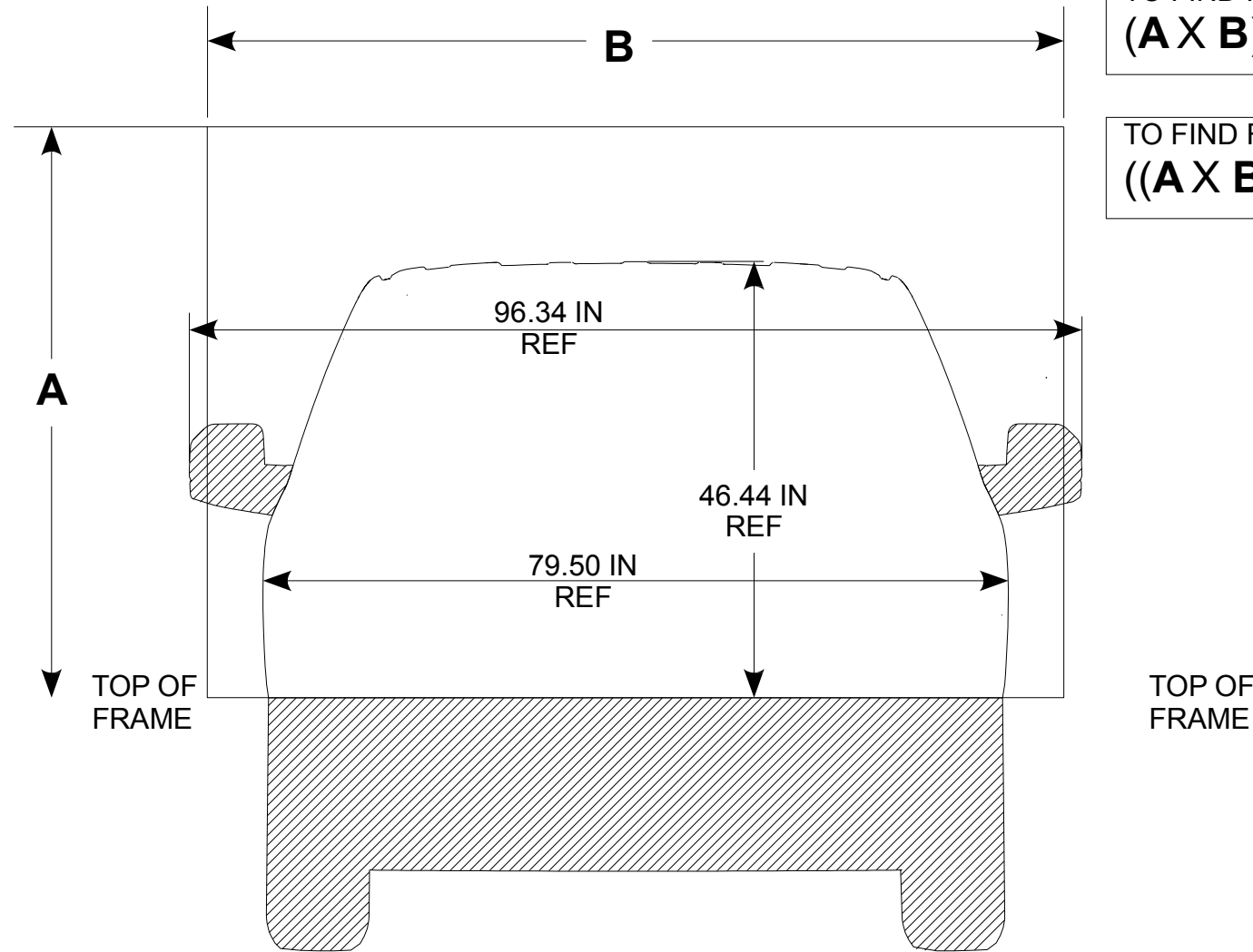
WHEEL DATA

Wheel Type	Wheel Size (in.)	Inset (in./mm)	No. of Studs	Bolt Circle (in./mm)	Maximum Wheel Capacity Load (lbs.)
Silver Steel (Heavy-duty Payload Package)	17 x 7.5	1.73/44	6	5.3/135	2022
Silver Steel	17 x 7.5	1.73/44	6	5.3/135	1825
Silver Painted Aluminum	17 x 7.5	1.73/44	6	5.3/135	1825
6-spoke Machined Aluminum	18 x 7.5	1.73/44	6	5.3/135	2101
Silver Heavy-duty Payload Package	18 x 7.5	1.34/34	6	5.3/135	2101
Machined Aluminum	18 x 7.5	1.34/34	6	5.3/135	1825
Chrome-like PVD	18 x 7.5	1.34/34	6	5.3/135	1825
Machined Aluminum w/Painted Pockets	20 x 8.5	1.73/44	6	5.3/135	1825
Aluminum	20 x 8.5	1.73/44	6	5.3/135	1825
6-spoke Premium Painted Aluminum	20 x 8.5	1.73/44	6	5.3/135	1825
Chrome-like PVD Aluminum	20 x 8.5	1.73/44	6	5.3/135	1825
Polished Aluminum	20 x 8.5	1.73/44	6	5.3/135	1825

F-150 FRONT SURFACE AREA WORKSHEET

A = BOX HEIGHT IN INCHES

B = BOX WIDTH IN INCHES



TO FIND FRONT SURFACE AREA IN SQ INCHES
 $(A \times B) + 1785.6 =$

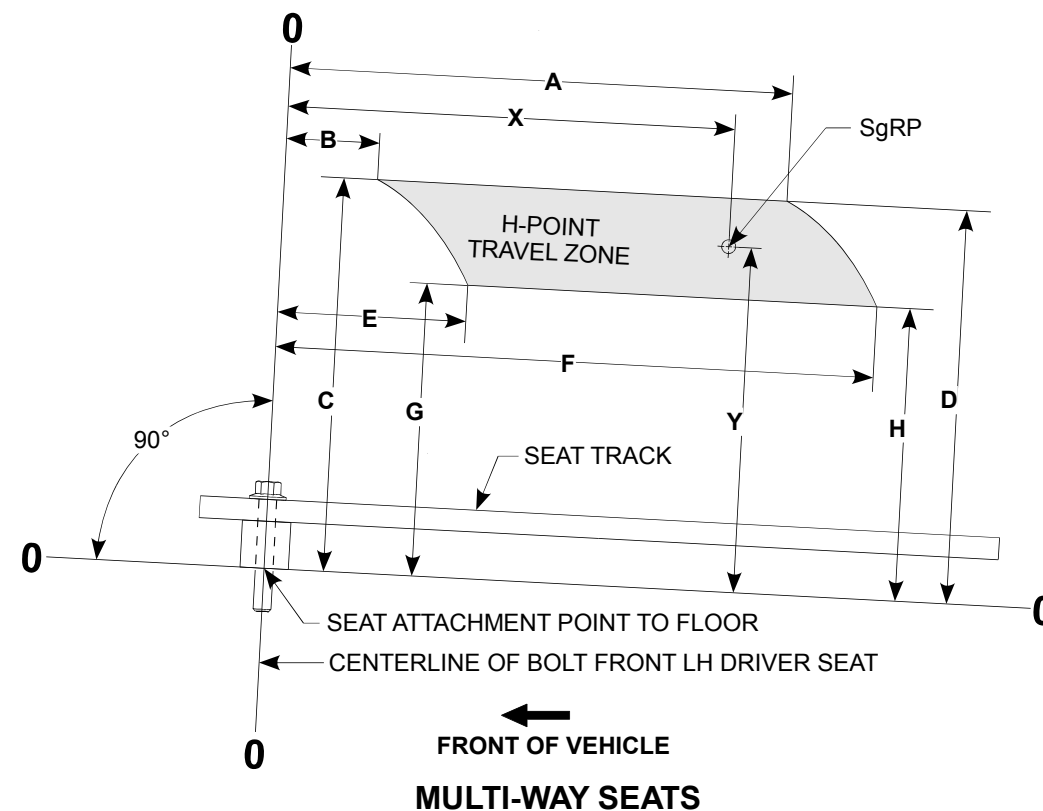
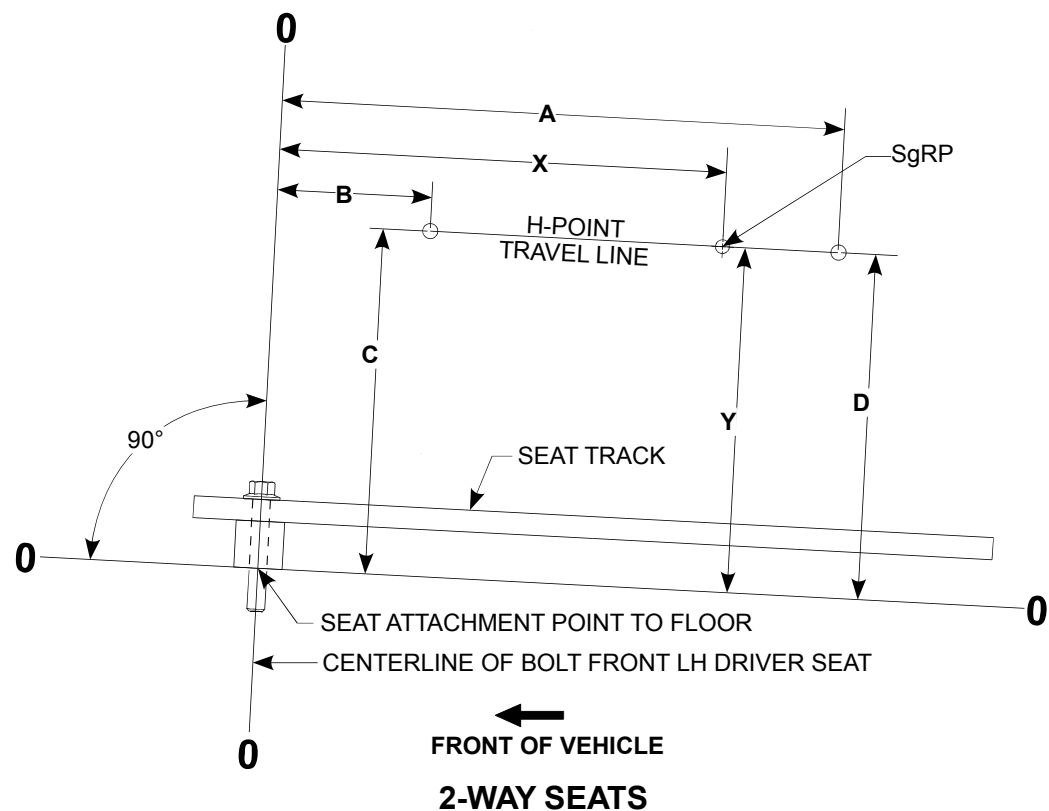
TO FIND FRONT SURFACE AREA IN SQ FEET
 $((A \times B) / 144) + 12.40 =$

BELOW FRAME SHADED AREA EQUALS
 $1050376.4 / (25.4 \times 25.4) = 1628.0868 \text{ SQ. IN.}$
 $1628.0868 / (12 \times 12) = 11.3062 \text{ SQ. FT.}$

MIRROR SHADED AREA EQUALS
 $(50822.9 \times 2) / (25.4 \times 25.4) = 157.5513 \text{ SQ. IN.}$
 $157.5513 / (12 \times 12) = 1.0941 \text{ SQ. FT.}$

TOTAL SHADED AREA EQUALS
 $1152022.2 / (25.4 \times 25.4) = 1785.6379 \text{ SQ. IN.}$
 $1785.6379 / (12 \times 12) = 12.4002 \text{ SQ. FT.}$

NOTE — [] DIMENSIONS ARE INCHES.



SEAT TRAVEL DATA										
Seat Model	Seat Dimensions								SgRP Location	
	A	B	C	D	E	F	G	H	X	Y
2-Way Seat	393 [15.5]	138 [5.4]	318 [12.5]	307 [12.0]					317 [12.5]	311 [12.2]
8-Way Seat	354 [13.9]	98 [3.9]	350 [13.8]	339 [13.3]	158 [6.2]	413 [16.3]	287 [11.3]	276 [10.9]	317 [12.5]	311 [12.2]
10-Way Seat	354 [13.9]	98 [3.9]	350 [13.8]	339 [13.3]	158 [6.2]	413 [16.3]	287 [11.3]	276 [10.9]	317 [12.5]	311 [12.2]
Seat Track Angle To Top Of Frame = 2.5°										

NOTE — [] DIMENSIONS ARE INCHES.