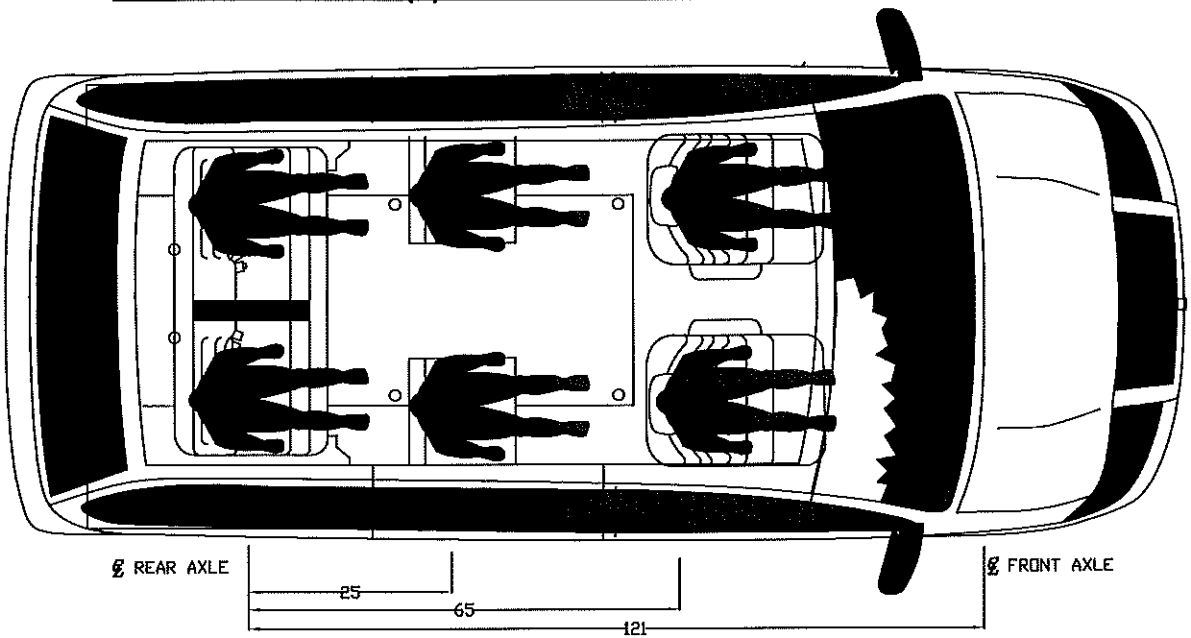
Type 3

TP 206B

SEATING OPTION : (5) AMBULATORY PASSENGERS, AND THE DRIVER



LOADED WEIGHT CALCULATIONS

$\Sigma M_{CLR} = 0$

$300(65) + 300(25) + 2616(121) - F_{YF}(121) = 0$

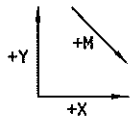
$F_{YF} = 2839\#$

$\Sigma F_Y = 0$

$150(6) + 2616 + 2198 - 2839 - F_{YR} = 0$

$F_{YR} = 2875$

REQUIRED CAPACITIES
LOADED GVW = 5714#
LOADED GAW FRONT = 2839#
LOADED GAW REAR = 2875#



NOTES / DEFINED VARIABLES

ALLOWABLE WEIGHTS
OEM GVWR = 6050#
OEM FRONT GAWR = 2950#
OEM REAR GAWR = 3100#

MODIFIED EMPTY WEIGHTS (INCLUDES 2ND ROW FLIP SEAT)
TOTAL VEHICLE = 4814#
FRONT AXLE = 2616#
REAR AXLE = 2198#

WHEEL BASE = 121"
AMBULATORY PASSENGER = 150#
MOBILITY AID PASSENGER = 250#
REMOVABLE FRONT PASSENGER SEAT = 100#

NOTE: THESE ARE APPROXIMATE WEIGHTS ONLY.
(ACTUAL WEIGHTS MAY VARY WITH VEHICLE.)
WEIGHTS FROM VIN #2C7WDGBG2KR754532

REQ. BY	LET.	REVISION	ECN NO.	REV. BY	DATE

DESIGN/APPR. MDL
DRAWN PJF
DETAIL CHK.
SCALE 1"=32"
DATE 11/19/19

TOLERANCES: (UNLESS OTHERWISE SPECIFIED)
DECIMAL DIMENSIONS .XXX = ±.010
.XX = ±.030
.X = ±.060
FRACTIONAL DIMENSIONS = ±1/32
ANGULAR DIMENSIONS = ±1°
NOTE: DEBURR ALL SHARP CORNERS

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P/N 509726