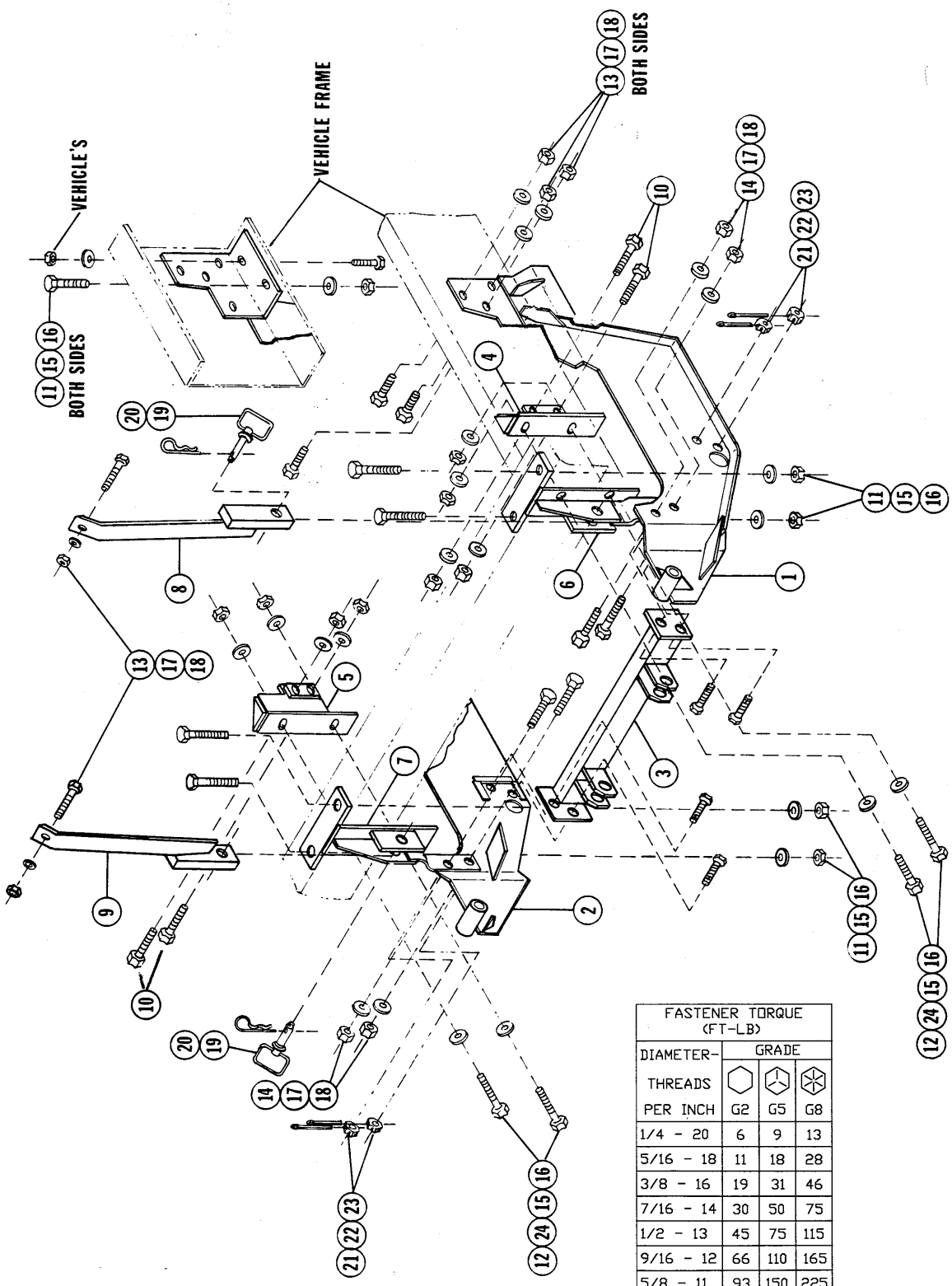
Kodiak, Topkick w-w/o Tilt Hood



FASTENER TORQUE (FT-LB)			
DIAMETER-THREADS PER INCH	GRADE G2	G5	G8
1/4 - 20	6	9	13
5/16 - 18	11	18	28
3/8 - 16	19	31	46
7/16 - 14	30	50	75
1/2 - 13	45	75	115
9/16 - 12	66	110	165
5/8 - 11	93	150	225
9/16 - 12	150	250	370
7/8 - 9	150	378	591
1 - 8	220	583	893

6358

Parts List

Ref #	Part #	Qty	Description	Ref #	Part #	Qty	Description
1	7420	1	Pushplate Driver's Side	16	*90337	10	1/2 Nut
2	7419	1	Pushplate Passenger's Side	17	*90366	12	5/8 Lock Washer
3	5165	1	Pushbeam (40 1/4")	18	*90343	12	5/8 Nut
4	7424	1	Rear Bumper Bracket - Driv. Side	19	*7317	2	Clevis Pin
5	7423	1	Rear Bumper Bracket - Pass Side	20	*7319	2	Hairpin Cotter 3/4"
6	7422	1	Front Bumper Bracket - Driv. Side	21	*5005	4	5/8 x 1-1/2 Drilled Cap Screw
7	7421	1	Front Bumper Bracket Pass Side	22	*90446	4	5/8 x 2 UNC Slotted Nut
8	7426	1	Headgear Brace - Driver's Side	23	*90012	4	Cotter Pin
9	7425	1	Headgear Brace -Pass. Side	24	*90319	4	1/2 Flat Washer
10	*90644	4	M16 x 2.0 MM x 110 MM Cap Screw Gr. 10.9		*5194	2	1/4 x 5 Hairpin Cotter
11	*90210	6	1/2 x 1-1/2 Cap Screw (NC) Gr.5		*5458	2	Connecting Pin - Commercial
12	*90217	4	1/2 x 2 Cap Screw (NC) Gr. 5		7429	1	Dash Bracket Bag
13	*90244	8	5/8 x 1-1/2 Cap Screw (NC) Gr. 5		*4289	2	3/4 x 1-7/8 Machine Pin
14	*90247	4	5/8 x 2 Cap Screw (NC) Gr. 5		*90658	2	5/32 x 1-1/4 Cotter Pin
15	*90364	10	1/2 Lock Washer				

* part of 7427 Bolt Bag

INSTALLATION INSTRUCTIONS

RESTRICTION: 8100 Pound Minimum Front GAWR (Gross Axle Weight Rating) with 22.5" Front Wheels.

A. Remove the two front bolts from the toe hook on each side of the vehicle (save the hardened washers and nuts). Remove the two rubber bumpers above leaf spring and axle (discard brackets), remove bumper. Ream bumper brackets with a 17/32 drill.

B. Place driver's side rear bumper bracket (4) on outside of frame behind bumper bracket. Install two M16 x 2.0MM and 110 MM cap screws (10) with previously removed washer through bracket, frame and toe hook. Attach with previously removed washer and nut. Do not tighten any fasteners at this time. Repeat the same on the passenger's side. Place bumper back on front brackets. Install driver's side front bumper bracket (16) using two 1/2 x 2 cap screws (NC) Gr. 5 (12), flat washers (24) lock washers (15) and nuts (16). Repeat the same on the passenger's side.

C. On driver's side bottom of frame in hole just forward of the rubber bumper hole, place a 1/2 x 1-1/2 cap screw (NC) Gr. 5 (11) down through frame. Place driver's side pushplate (1) under frame in front of shock mount outside of leaf spring and front bumper hanger. Place 1/2" cap screw coming down through frame into forward hole and fasten with a 1/2" lock washer (15) and nut (16). Rotate pushplate on outside of hanger and attach with two 5/8 x 2 cap screws (NC) Gr. 5 (14) lock washers (17) and nuts (18). Reattach rubber bumper pad. (If equipped with a steel washer between bumper and frame, remove and discard washer.) Repeat the same on the passenger's side.

D. Place pushbeam (3) between pushplates and fasten with four 5/8 x 1-1/2 drilled cap screws (21) and slotted nuts (22). Attach headgear to pivot on pushplates. Place driver's side headgear brace (8) in slot on front bumper hanger and fasten with clevis pin (19) and hairpin cotter (20). Fasten top of brace to headgear with a 5/8 x 1-1/2 cap screw (NC) Gr. 5 (13), lock washer (17) and nut (18). Repeat the same on the passenger's side.

E. Tighten beam bolts and install cotter pins (23). Place a jack under the pushbeam and apply pressure so that the pushplates are against the bottom of the frame. Tighten all fasteners and rubber mounts.

F. On the rear of the driver's side pushplate drill three 11/16 holes using the holes in the pushplate as a guide. Install three 5/8 x 1-1/2 cap screws (NC) Gr. 5 (13) lock washers (17) and nuts (18). Drill two 17/32 holes in the top of the bumper using the holes in the hanger as guides. Fasten with two 1/2 x 1-1/2 cap screws (NC) Gr. 5 (11), lock washers (15) and nuts (16). Repeat the same on the passenger's side. Make sure that all fasteners have been tightened securely.