



2000X TO 2021X BICKNELL MIDRAIL CHASSIS BOLT KIT

40"X40 DEGREE DOUBLE ROLLER RACK CHASSIS

NOTE: THIS BOLT KIT IS DESIGNED FOR THE STANDARD KIT CAR BUT WILL WORK IN MOST APPLICATIONS WITH MINOR VARIANCES. WE ARE SORRY IF YOU ARE SHORT OR HAVE SOMETHING EXTRA, BUT IT IS IMPOSSIBLE TO FIT EVERYONE'S NEEDS OR APPLICATIONS EXACTLY.

1	REAR MOTOR PLATE TO FRAME:	8 - 3/8"C X 1" BOLTS 8 - 3/8"C STOVER NUTS
2	FRONT MOTOR PLATE TO FRAME: (OR SIDE ENGINE MOUNTS)	4 - 3/8"C X 1" BOLTS 4 - 3/8"C NYLOCK NUTS 6- 3/8"C X 3/4" BOLTS 6- 3/8" LOCKWASHERS
3	BELL HOUSING TO MOTOR PLATE:	2 - 3/8"C X 3/4" BOLTS 1 - 3/8"C X 1" BOLT 3 - 3/8" FLAT WASHERS 3 - 3/8" LOCK WASHERS NOTE: PUT 2 OF 5/8" BOLTS WITH SHOULDER THRU DOWEL PIN HOLES WHEN TIGHTENING
4	STARTER TO BELLHOUSING:	1 - 7/16"F NYLOCK NUT 1 - 7/16" LOCKWASHER 1 - 7/16" C X 1 1/4" BOLT 1 - 7/16"C X 1 1/4" ALLEN BOLT NOTE: ALLEN BOLT FOR BERT STARTERS
5	TRANSMISSION TO BELLHOUSING:	3 - 1/2"C X 1 1/2" BOLTS 3 - 1/2" LOCK WASHERS 1 - 1/2"F STOVER NUT
6	CLUTCH MASTER TO FRAME	2 - 5/16"C X 1 3/4" BOLTS (FOR GEN 1 BERT or FALCON TRANSMISSION) 2 - 5/16"C X 1 1/2" BOLTS (FOR GEN 2 BERT TRANSMISSION W/ REMOTE SHIFTER) 2 - 5/16" FLAT WASHERS 2 - 5/16" LOCK WASHERS
7	DRIVESHAF COVER TO FRAME:	4 - 3/8"C X 1" BOLTS 4 - 3/8"C LOCK WASHERS 4 - 3/8" FLAT WASHERS
8	GAS PEDAL TO HIME END:	1 - 5/16"C X 1" BOLTS 1 - 5/16"C NYLOCK NUTS 1 - 5/16" LOCK WASHERS AS A SPACER BETWEEN ROD END AT TOP (BETWEEN ROD END & PEDAL CROSSROD) NOTE: START WITH GAS PEDAL END IN THE MIDDLE HOLE ON BOTH PEDAL AND CARBURETOR SIDE OF CROSS SHAFT. FOR FAST PEDAL - SHORT @ GAS PEDAL, LONG @ CARBURETOR FOR LONG PEDAL - LONG @ GAS PEDAL, SHORT @ CARBURETOR
9	BRAKE RESERVOIRS (2):	4 - 1/4"C X 3/4" BOLTS 4 - 1/4"C NYLOCK NUTS 4 - 1/4" FLAT WASHERS
10	BALANCE BAR TO FRAME:	4 - 5/16"C NARROW NYLOCK NUT
11	FRONT CALIPER BRACKETS TO FRONT SPINDLE:	4 - 1/2"C X 1-3/4" BOLTS 4 - 1/2"C STOVER NUTS 4 - 1/2" FLAT WASHERS
12	FRONT CALIPERS TO BRACKET:	2 - 3/8"C X 1-3/4" BOLTS 4 - 3/8"C X 1-1/2" BOLTS 4 - 3/8"C STOVER NUTS 4 - 3/8" FLAT WASHERS
13	FRONT LOWER STEERING ARMS TO FRONT SPINDLES:	4 - 1/2"C X 3-1/4" 12 POINT BOLTS (Replacement PT # BOL 083257H) 4 - 1/2"C STOVER NUTS
14	TIE ROD HYMS TO STEERING ARMS:	2 - 5/8"C X 3 1/2" BOLTS 2 - 5/8"C STOVER NUTS 2 - BRP #755 SPACERS (LOCATE ON TOP OF STEERING ARM)
15	FRONT AXLE BRACKETS TO AXLE:	4 - 1/2"C STOVER NUTS 4 - 1/2"C X 2 1/4" BOLTS (for use in non-counter sunk axle brackets) 4 - 1/2"C X 2" BOLTS (for use in counter sunk axle brackets) 4 - BRP 718 NOTE: 2" BOLTS FOR ALUMINUM HYM END NOTE: MOUNT #1505 ALUMINUM BRACKET ON RIGHT SIDE OF SLUGS (GRANDSTAND SIDE) ON BOTH SIDES
16	FRONT RADIUS RODS TO FRAME:	4 - 1/2"C X 3-3/4" BOLTS (for use with non-threaded chassis slugs) 4 - 1/2"C NYLOCK NUTS (for use with non-threaded chassis slugs) 4 - 1/2"C X 2-3/4" BOLTS (for use with threaded chassis slugs) 4 - 1/2" LOCKWASHERS (for use with threaded chassis slugs)
17	FRONT RADIUS RODS TO AXLE BRACKET (AT BRP 1505):	4 - 1/2"C STOVER NUTS 4 - 1/2"C X 2" BOLTS (for use in non-counter sunk axle brackets) 4 - 1/2"C X 1 3/4" BOLTS (for use in counter sunk axle brackets) NOTE: MOUNT RADIUS RODS ON THE LEFT SIDE OF THE AXLE BRACKETS AND THE SHOCKS ON THE OUTBOARD SIDE OF THE AXLE BRACKETS.
18	FRONT SHOCKS TO AXLE:	2 - 1/2"C X 2-3/4" BOLTS 2 - 1/2"C NYLOCK NUTS 2 - BRP 720 TAPERED SPACERS
19	REAR RADIUS RODS TO FRAME:	1 - 5/8"C X 4" BOLT (RIGHT REAR NON THREADED SLUG) 1 - 5/8"C X 4-1/2" BOLT (LEFT REAR NON THREADED SLUG) 2 - 5/8"C NYLOCK NUTS (REAR NON THREADED SLUGS) 2 - 5/8"C X 2 3/4" BOLTS (USE IN THREADED CHASSIS SLUGS) 2 - 5/8" LOCKWASHERS (USE IN THREADED CHASSIS SLUGS)
20	DRAG LINK TO STEERING ARM (AT BRP 209):	1 - 5/8"C X 3 1/2" BOLT 1 - 5/8"C STOVER NUT 1 - BRP # 755 SPACER MOUNTED BETWEEN DRAG LINK AND STEERING ARM NOTE: LONG HOLE = FAST STEER SHORT HOLE = SLOW STEER
21	DRAG LINK TO PITMAN ARM: AT BRP 220/221/227	1 - 5/8"C X 2 1/2" BOLT 1 - 5/8"C STOVER NUT
22	REAR CALIPERS TO BRAKE BRACKET:	4 - 7/16"C X 1-1/4" BOLTS 4 - 7/16" FLAT WASHERS 4 - 7/16" LOCK WASHERS
23	SEAT PLATE TO SEAT:	4 - 1/4"F X 3/4" BUTTON HEAD 4 - 1/4"F NYLOCK NUTS
24	SEAT BELTS TO FRAME:	2 - 1/2"F X 1-1/4" GRADE 9 PLATED BOLTS 2 - 1/2" LOCK WASHERS
25	OPTIONAL : SEAT BELTS TO FRAME:	2 - 1/2" X 1/2" SHOULDER BOLTS 2 - 3/8"C NYLOCK NUTS 2 - 3/8" FLAT WASHERS
26	KIRKEY ALUMINUM SEAT TO FRAME:	6 - 3/8"C X 1" BUTTON SOCKET BOLTS 6 - 3/8"C NYLOCK NUTS 6 - 3/8" FLAT WASHERS
27	GROUND WIRES TO FRAME:	3 - 1/4"C NYLOCK NUTS FOR FUEL CELL & DASH 6 - 1/4" FLAT WASHERS 1 - 3/8"C NYLOCK NUT FOR BATTERY 2 - 3/8" FLAT WASHER 1 - 1/4"C X 1 1/4" BOLT FOR THROTTLE STOP 1 - 1/4"C STANDARD NUT FOR LOCKING THROTTLE STOP BOLT NOTE: MAKE SURE TO CLEAN POWDER COAT/PAINT FROM FRAME FOR GOOD GROUND
28	UPPER RAD MOUNT TO FRAME:	2 - 3/8"C X 3/4" BOLTS 2 - 3/8"C NYLOCK NUTS 1 - 5/16"C X 1-1/2" BOLT 1 - 5/16"C NYLOCK NOTE: BOLTS NOT REQUIRED WHEN USING BOLT ON CLAMPS (eg BRP 9053BK)
29	LOWER RAD MOUNT TRAY TO FRAME:	4 - 1/4"F x 3/4" BOLTS 4 - 1/4"F NYLOCK NUTS 8 - 1/4" FLAT WASHERS
30	WINDOW SCREEN	4 - 1/4" C X 3/4" BUTTON HEAD BOLTS 4 - 1/4" FLATWASHERS 4 - 1/4" LOCKWASHERS

MANUFACTURERS NOTE:

IN MANY CASES BICKNELL RACING PRODUCTS WILL ALREADY HAVE BOLTS INSTALLED WITH PARTS READY FOR ASSEMBLY, SUCH AS TORSION ARMS, TORSION STOPS, ETC. SINCE THERE ARE MANY VARIATIONS BETWEEN CARS, IT MAY BE POSSIBLE THAT A FEW BOLTS ARE DIFFERENT OR MISSING FROM THIS BOLT KIT.

SORRY FOR ANY INCONVENIENCE!