

Transmission

Let the Good Times Roll®

This exploded view diagram illustrates the components of a mechanical assembly. The parts are identified by the following labels:

- 92210
- 49022
- 92180/A~K
- 13107
- 92200F
- 13262B
- 92046
- 92200G
- 92033
- 13139
- 92200E
- 13262A
- 92200C
- 92045
- 92200B
- 13139A
- 92033
- 92200H
- 13262
- 92200A
- 13140A
- 49047
- 13107B
- 13070
- 92145
- 92200I
- 92033C
- 13234
- 92200D
- 13107C
- 16085
- 92033B
- 92145A
- 92200
- 92033B
- 92033B
- 13239

The diagram shows the spatial arrangement of these parts, including gears, shafts, housing components, and fasteners, as they relate to each other in the final assembly.



2012 BRUTE FORCE® 300

PARTS LIST

Transmission

ITEM NAME	PART NUMBER	QUANTITY
GUIDE,FORK-SHIFT,RH (Ref # 13070)	13070-Y002	1
SHAFT,MAIN (Ref # 13107)	13107-Y011	1
SHAFT,DRIVE (Ref # 13107A)	13107-Y012	1
SHAFT,SHIFT FORK (Ref # 13107B)	13107-Y013	1
SHAFT,CHANGE DRUM (Ref # 13107C)	13107-Y014	1
SHIFTER,REVERSE & LOWER (Ref # 13139)	13139-Y001	1
SHIFTER,FORWARD (Ref # 13139A)	13139-Y002	1
FORK-SHIFT,RH (Ref # 13140)	13140-Y001	1
FORK-SHIFT,LH (Ref # 13140A)	13140-Y002	1
SHAFT-COMP,COUNTER (Ref # 13234)	13234-Y003	1
DRUM-ASSY-CHANGE (Ref # 13239)	13239-Y001	1
GEAR,FORWARD (Ref # 13262)	13262-Y001	1
GEAR,BACKWARD (Ref # 13262A)	13262-Y002	1
GEAR,LOWER DRIVEN (Ref # 13262B)	13262-Y003	1
GEAR,CHANGE LEVER (Ref # 16085)	16085-Y010	1
GEAR-BEVEL,DRIVE (Ref # 49022)	49022-Y003	1
ROD-SHIFT (Ref # 49047)	49047-Y001	1
RING-SNAP,28MM (Ref # 92033)	92033-Y022	2
RING-SNAP,25MM (Ref # 92033A)	92033-Y023	1
RING-SNAP,12MM (Ref # 92033B)	92033-Y024	3
RING-SNAP,15MM (Ref # 92033C)	92033-Y025	1
BEARING-BALL,6303 (Ref # 92045)	92045-Y023	1
BEARING-NEEDLE,20X26X16 (Ref # 92046)	92046-Y006	1
SPRING,DRUM (Ref # 92145)	92145-Y029	1
SPRING,RETURN (Ref # 92145A)	92145-Y030	1
SHIM,DRIVEN,A,T=0.6 (Ref # 92180)	92180-Y013	AR
SHIM,DRIVEN,B,T=0.65 (Ref # 92180A)	92180-Y014	AR
SHIM,DRIVEN,C,T=0.7 (Ref # 92180B)	92180-Y015	AR
SHIM,DRIVEN,D,T=0.75 (Ref # 92180C)	92180-Y016	AR

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ITEM NAME	PART NUMBER	QUANTITY
SHIM,DRIVEN,E,T=0.8 (Ref # 92180D)	92180-Y017	AR
SHIM,DRIVEN,F,T=0.85 (Ref # 92180E)	92180-Y018	AR
SHIM,DRIVEN,G,T=0.9 (Ref # 92180F)	92180-Y019	AR
SHIM,DRIVEN,H,T=0.95 (Ref # 92180G)	92180-Y020	AR
SHIM,DRIVEN,I,T=1.0 (Ref # 92180H)	92180-Y021	AR
SHIM,DRIVEN,J,T=1.05 (Ref # 92180I)	92180-Y022	AR
SHIM,DRIVEN,K,T=1.1 (Ref # 92180J)	92180-Y023	AR
SHIM,DRIVEN,L,T=1.15 (Ref # 92180K)	92180-Y024	AR
WASHER,14X28X2 (Ref # 92200)	92200-Y026	1
WASHER,25MM (Ref # 92200A)	92200-Y028	1
WASHER,17.2MM (Ref # 92200B)	92200-Y029	1
WASHER,20MM (Ref # 92200C)	92200-Y030	1
WASHER,20MM (Ref # 92200D)	92200-Y031	1
WASHER,30X20X3 (Ref # 92200E)	92200-Y032	1
WASHER,25MM (Ref # 92200F)	92200-Y033	1
WASHER,25MM (Ref # 92200G)	92200-Y034	1
WASHER,25X31X1.6 (Ref # 92200H)	92200-Y035	1
WASHER,17X22 (Ref # 92200I)	92200-Y036	1
NUT,18MM (Ref # 92210)	92210-Y041	1