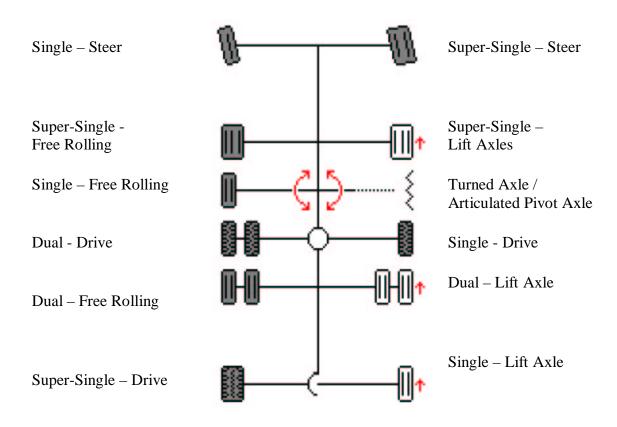
Updated: 04/09/2013

Vehicle Layout Guide 2013 – Rev.# 4.

Vehicle Layout Guide

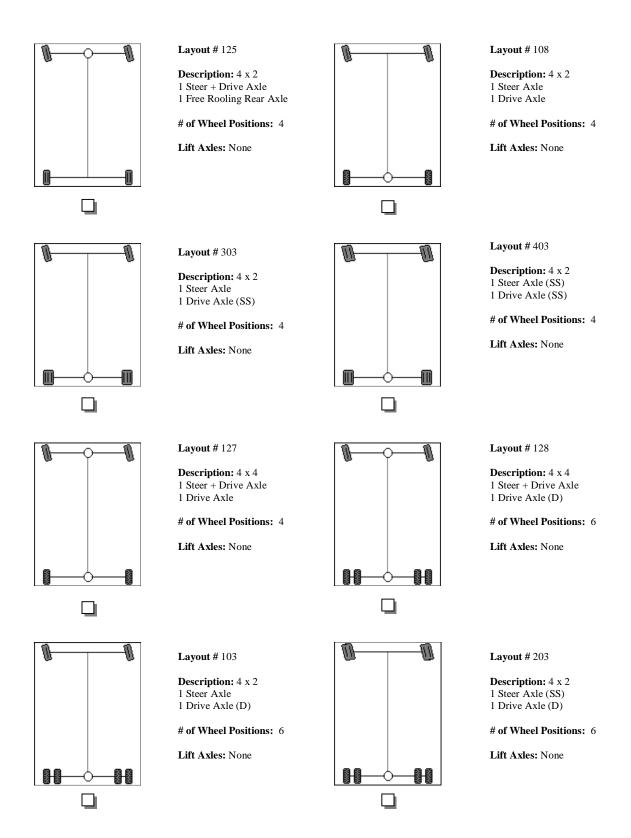
These layouts are the way the system understands different Wheel Positions and estabilish the right amount of tires (excluded spare tires) that must be on vehicle. There are over 225 layouts into the system, covering the majority of the vehicle types used worldwide. It is very important to the operator to pay attention to the differences among the layouts, such as duals, super single positions, and the lift or articulated axles, steer, drive or free rolling axles.

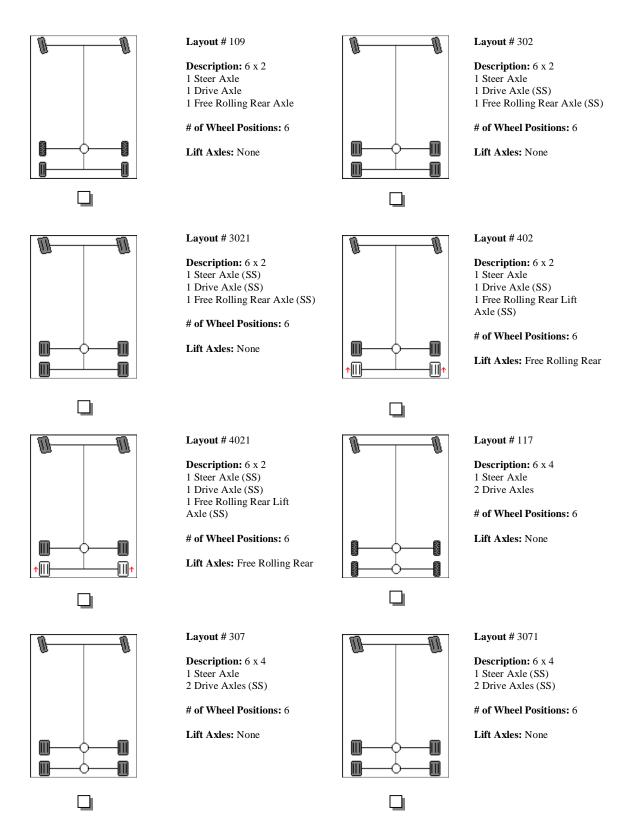


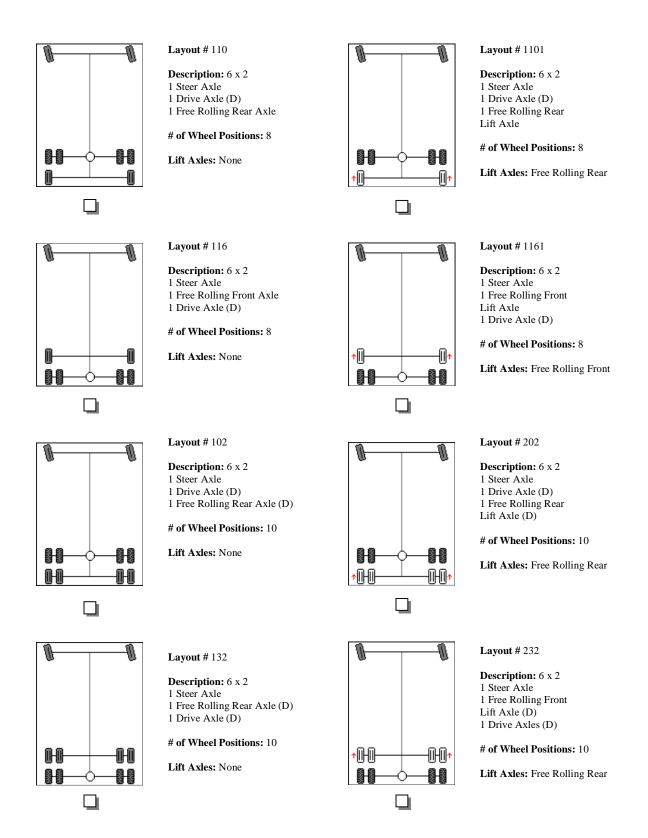
Vehicle Layout Key (D) = Dual (SS) = Super Single SA = Spread Axle

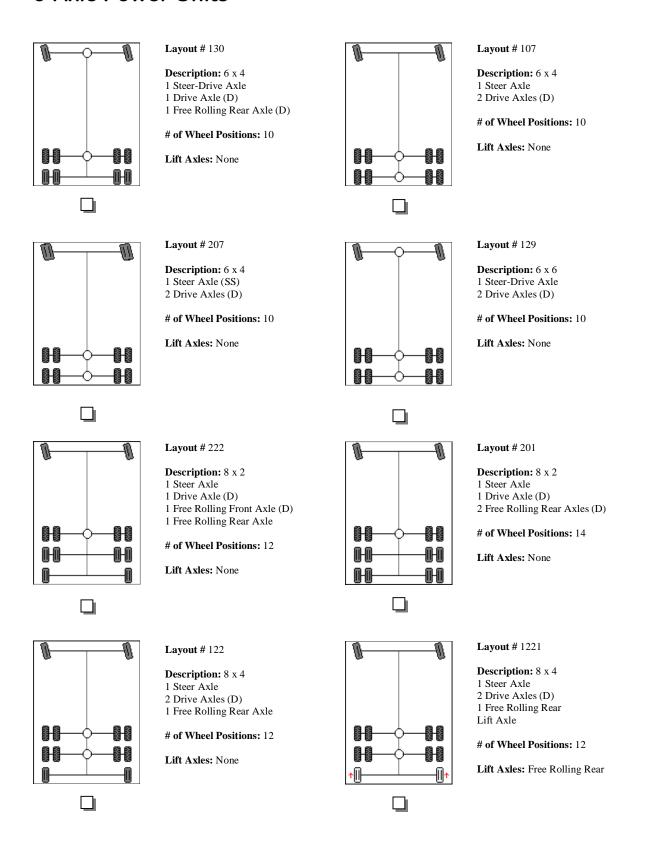
Index

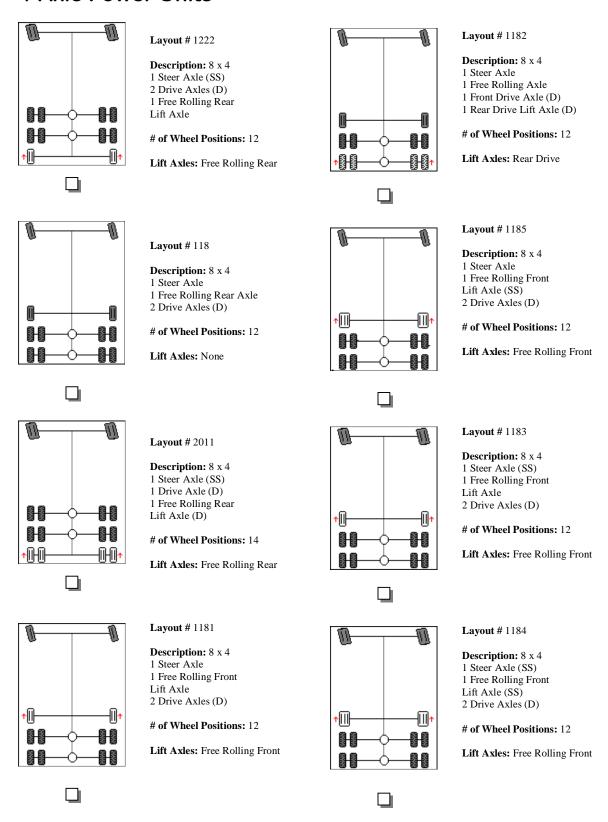
2-Axle Power Units	4
3-Axle Power Units	5
4-Axle Power Units	8
5-Axle Power Units	10
6-Axle Power Units	12
7 or More Power Axles Units	13
Power Units with 2 Steer Axles	14
Single Axle Trailers	16
2-Axle Trailers	17
3-Axle Trailers	21
3-Axle Trailers	28
4-Axle Trailers	29
5-Axle Trailers	31
6-Axle Trailers	32
7 or more Axles trailers	33
Rear Steer or Vehicles with Articulation	34
Fork Lifts & Similars	37
Fork Lifts & Similars	
Other	39

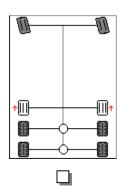










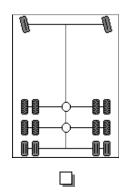


Layout # 2431

Description: 8 x 4 1 Steer Axle (SS) 1 Free Rolling Front Lift Axle (SS) 2 Drive Axles (SS)

of Wheel Positions: 8

Lift Axles: Free Rolling Front

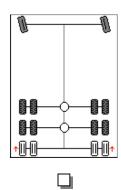


Layout # 101

Description: 8 x 4 1 Steer Axle 2 Drive Axles (D) 1 Free Rolling Rear Axle (D)

of Wheel Positions: 14

Lift Axles: None

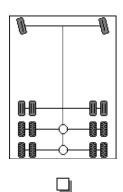


Layout # 1011

Description: 8 x 4 1 Steer Axle 2 Drive Axles (D) 1 Free Rolling Rear Lift Axle (D)

of Wheel Positions: 14

Lift Axles: Free Rolling Rear

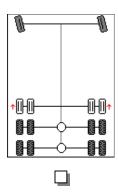


Layout # 1012

Description: 8 x 4 1 Steer Axle 1 Free Rolling Front Axle (D) 2 Drive Axles (D)

of Wheel Positions: 14

Lift Axles: None

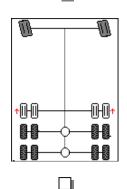


Layout # 1013

Description: 8 x 4 1 Steer Axle 1 Free Rolling Front Lift Axle (D) 2 Drive Axles (D)

of Wheel Positions: 14

Lift Axles: Free Rolling Front

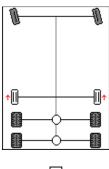


Layout # 2013

Description: 8 x 4 1 Steer Axle (SS) 1 Free Rolling Front Lift Axle (D) 2 Drive Axles (D)

of Wheel Positions: 14

Lift Axles: None

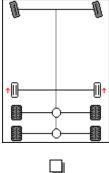


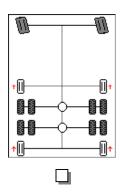
Layout # 2432

Description: 8 x 4 1 Steer Axle 1 Free Rolling Front Lift Axle 2 Drive Axles (SS)

of Wheel Positions: 8

Lift Axles: Free Rolling Front





Layout # 146 (NA)

Description: 10 x 4 1 Steer Axle (SS)

1 Free Rolling Front Lift Axle

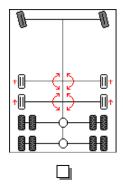
2 Drive Axles (D)

1 Free Rolling Rear Lift Axle

of Wheel Positions: 14

Lift Axles: Free Rolling

Front/ Rear

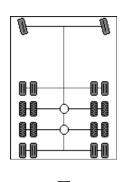


Layout # 142 (NA)

Description: 10 x 4 1 Steer Axle 2 Free Rolling Turn Lift Axles 2 Drive Axles (D)

of Wheel Positions: 14

Lift Axles: Free Turn Rolling



Layout # 124

Description: 10 x 4

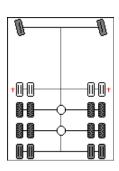
1 Steer Axle

1 Free Rolling Front Axle (D)

2 Drive Axles (D)

1 Free Rolling Rear Axle (D) # of Wheel Positions: 18

Lift Axles: None



Layout # 224

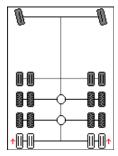
Description: 10 x 4 1 Steer Axle 1 Free Rolling Front Lift Axle (D)

2 Drive Axles (D)

1 Free Rolling Rear Axle (D)

of Wheel Positions: 18

Lift Axles: Free Rolling Front



Layout # 2241

Description: 10 x 4

1 Steer Axle

1 Free Rolling Front Axle (D)

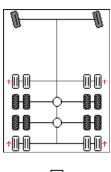
2 Drive Axles (D)

1 Free Rolling Rear

Lift Axle (D)

of Wheel Positions: 18

Lift Axles: Free Rolling Rear



Layout # 2242

Description: 10 x 4

1 Steer Axle

1 Free Rolling Front

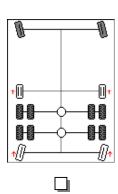
Lift Axle (D)

2 Drive Axles (D)

1 Free Rolling Rear Lift Axle (D)

of Wheel Positions: 18

Lift Axles: Free Rolling Avancado/ Rear



Layout # 1462

Description: 10 x 4 2-Steer

1 Steer Axle

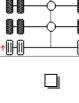
1 Free Rolling Front Lift Axle

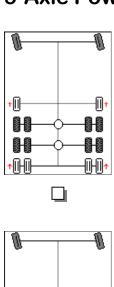
2 Drive Axles (D)

1 Rear Steer Lift Axle (D)

of Wheel Positions: 14

Lift Axles: Free Rolling Front/ Rear Steer



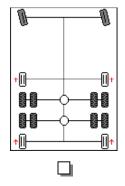


Layout # 147

Description: 10 x 4 1 Steer Axle 1 Free Rolling Front Lift Axle 2 Drive Axles (D) 1 Free Rolling Rear Lift Axle (D)

of Wheel Positions: 16

Lift Axles: Free Rolling Front/ Rear

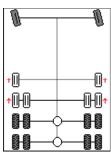


Layout # 1461

Description: 10 x 4 1 Steer Axle 1 Free Rolling Front Lift Axle 2 Drive Axles (D) 1 Free Rolling Rear Lift Axle

of Wheel Positions: 14

Lift Axles: Free Rolling Front/ Rear

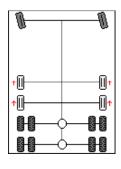


Layout # 149

Description: 10 x 4 1 Steer Axle 1 Free Rolling Front Lift Axle 1 Free Rolling Rear Lift Axle (D) 2 Drive Axles (D)

of Wheel Positions: 16

Lift Axles: Free Rolling Front/ Rear

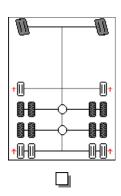


Layout # 1421 (NA)

Description: 10 x 4 1 Steer Axle 2 Free Rolling Front Lift Axles 2 Drive Axles (D)

of Wheel Positions: 14

Lift Axles: Free Rolling Front

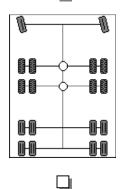


Layout # 1471

Description: 10 x 4 1 Steer Axle (SS) 1 Free Rolling Front Lift Axle 2 Drive Axles (D) 1 Free Rolling Rear Lift Axle (D)

of Wheel Positions: 16

Lift Axles: Free Rolling Front/ Rear

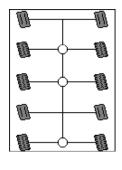


Layout # 1241 (NA)

Description: 10 x 4 Tractor + Trailer Combo

1 Steer Axle 2 Drive Axles (D) 2 Free Rolling Rear Axles (D)

of Wheel Positions: 18
Lift Axles: None

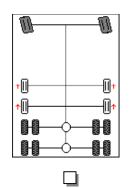


Layout # 2401

Description: 10 x 6 1 Steer Axle (SS) 2 Steer -Drive Front Axles (SS) 1 Steer Rear Axle (SS) 1 Steer-Drive Rear Axle (SS)

of Wheel Positions: 10

Lift Axles: None

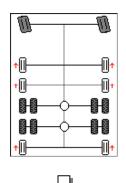


Layout # 1422 (NA)

Description: 10 x 4 1 Steer Axle (SS) 2 Free Rolling Front Lift Axles 2 Drive Axles (D)

of Wheel Positions: 14

Lift Axles: Free Rolling Front

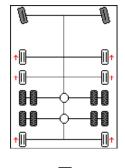


Layout # 144

Description: 12 x 4 SS 1 Steer Axle (SS) 2 Free Rolling Front Lift Axles 2 Drive Axles (D) 1 Free Rolling Rear Lift Axle

of Wheel Positions: 16

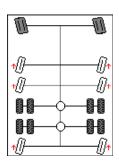
Lift Axles: 2 Free Rolling Front/ 1 Free Rolling Rear



Layout # 1441

Description: 12 x 4 1 Steer Axle 2 Free Rolling Front Lift Axles 2 Drive Axles (D) 1 Free Rolling Rear Lift Axle # of Wheel Positions: 16

Lift Axles: 2 Free Rolling Front/ 1 Free Rolling Rear

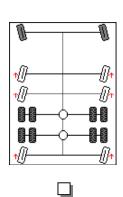


Layout # 1442

Description: 12 x 4 SS 1 Steer Axle (SS) 2 Steer Front Lift Axles 2 Drive Axles (D) 1 Steer Rear Lift Axle

of Wheel Positions: 16

Lift Axles: 2 Steer Front/ 1 Steer Rear



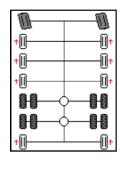
Layout # 1443

Description: 12 x 4 1 Steer Axle 2 Steer Front Lift Axles 2 Drive Axles (D) 1 Steer Rear Lift Axle # of Wheel Positions: 16

Lift Axles: 2 Steer Front/ 1

Steer Rear

7 or More Power Axles Units



Layout # 152 (NA)

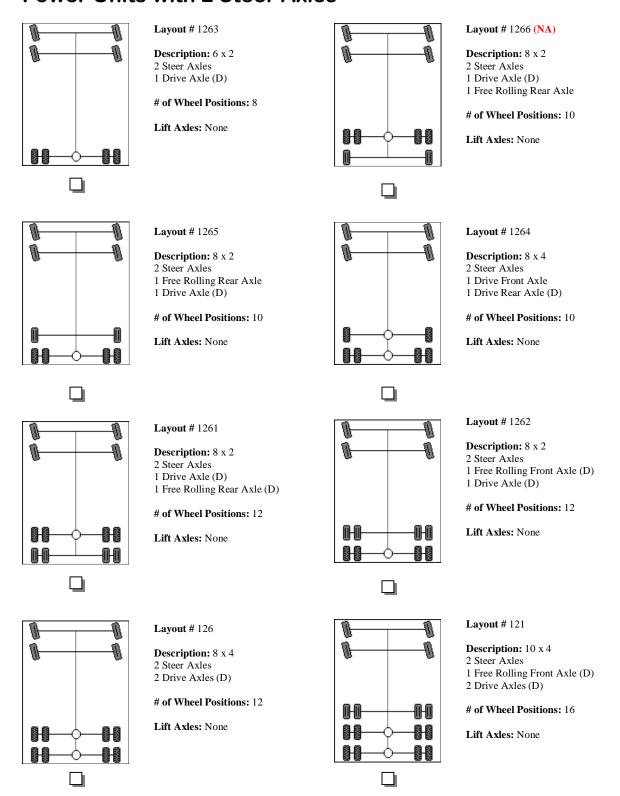
Description: 14 x 4 / 4 lift 1 Steer Axle (SS) 3 Free Rolling Front Lift Single 2 Steer Axles 1 Free Rolling Rear Lift Single

of Wheel Positions: 18

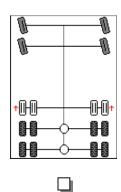
Lift Axles: 3 Free Rolling Front / 1 Free Rolling Rear

13

Power Units with 2 Steer Axles



Power Units with 2 Steer Axles

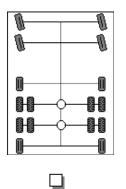


Layout # 221

Description: 10 x 4 2 Steer Axles 1 Free Rolling Front Lift Axle (D) 2 Drive Axles (D)

of Wheel Positions: 16

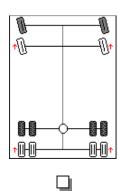
Lift Axles: Free Rolling Front



Layout # 115

Description: 12 x 4 2 Steer Axles 1 Free Rolling Front Axle 2 Drive Axles (D) 1 Free Rolling Rear Axle # of Wheel Positions: 16

Lift Axles: None



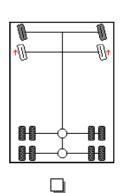
Layout # 1267

Description: 8 x 2 2nd Lift 1 Front Steer Axle 1 Rear Steer Lift Axle 1 Drive Axle (D) 1 Free Rolling Lift Axle (D)

of Wheel Positions:: 12

Lift Axles: Rear Steer, Free Rolling

Komng



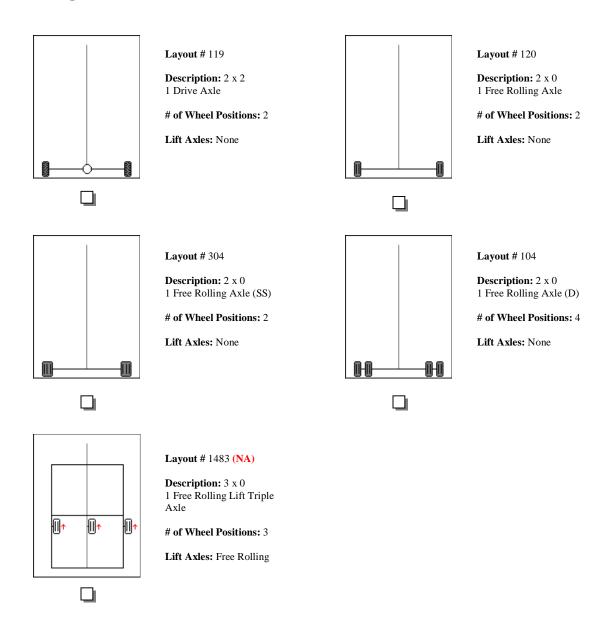
Layout # 1621

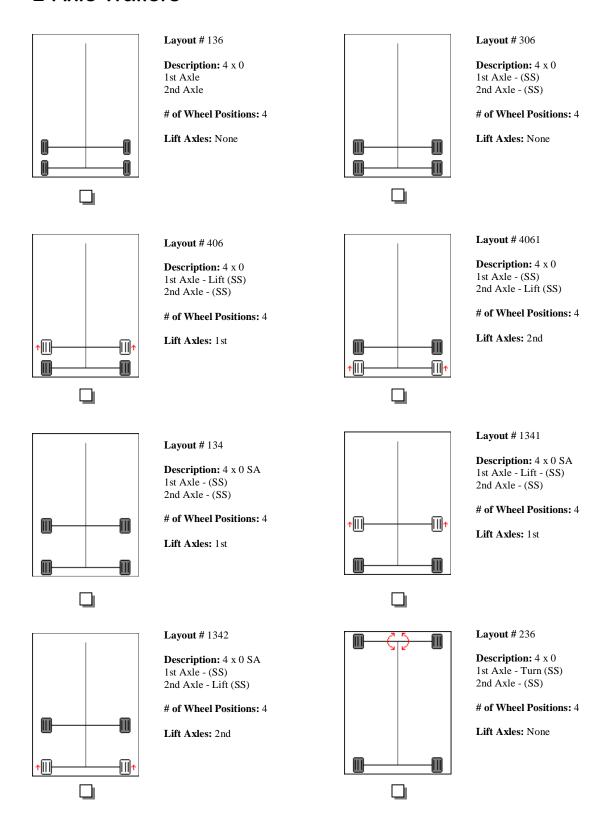
Description: 8 x 2 2nd Lift 1 Front Steer Axle 1 Rear Steer Lift Axle 2 Drive Axles (D)

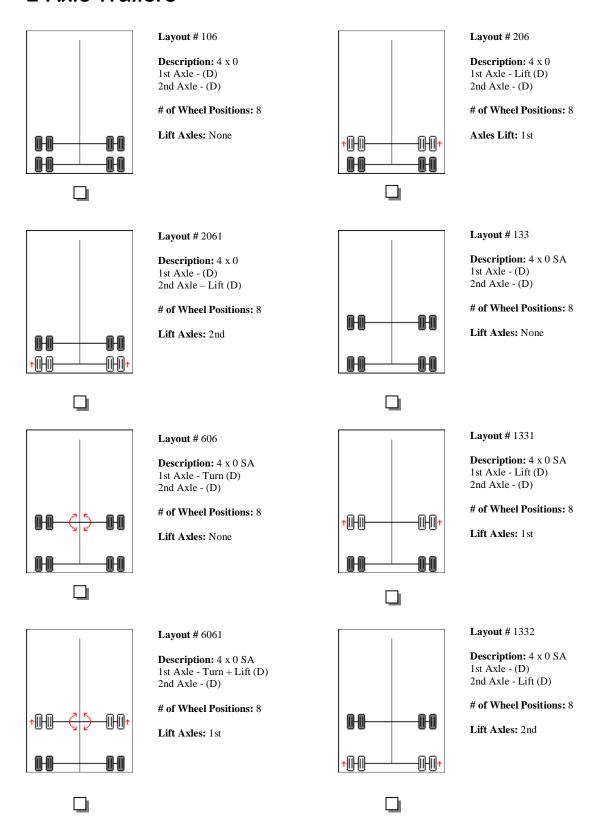
of Wheel Positions:: 12

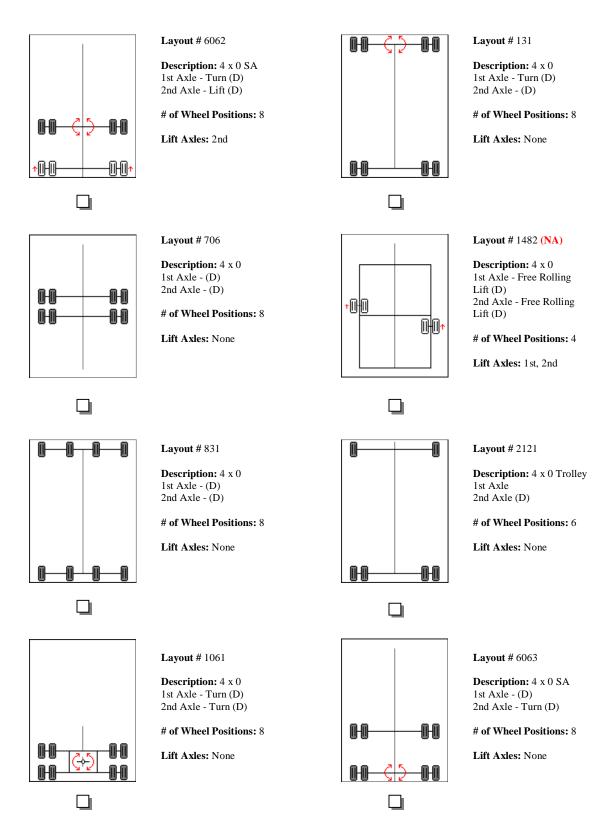
Lift Axles: Rear Steer

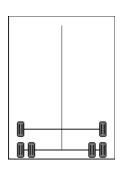
Single Axle Trailers









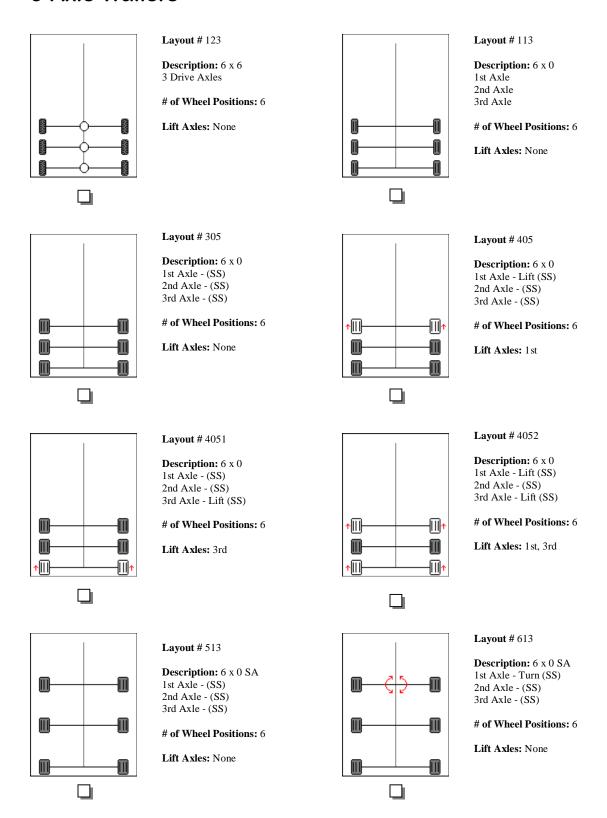


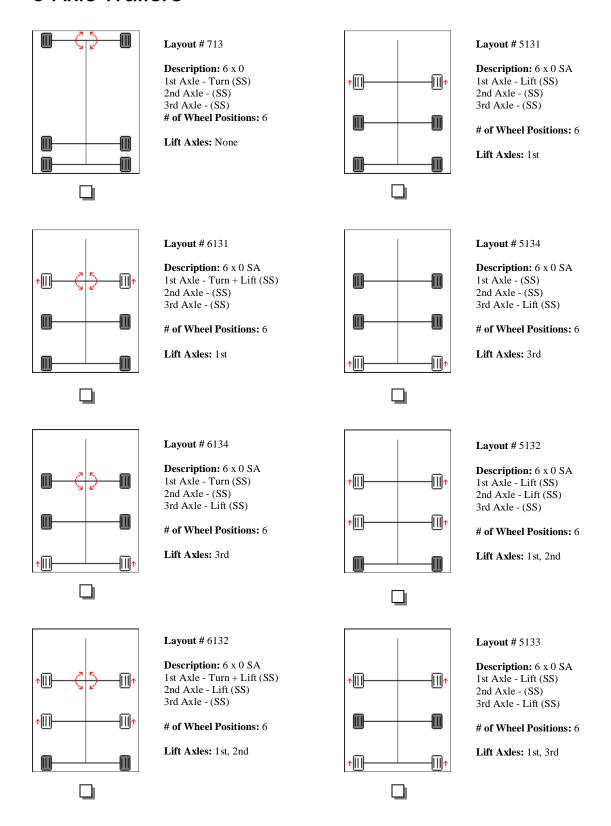
Layout # 212

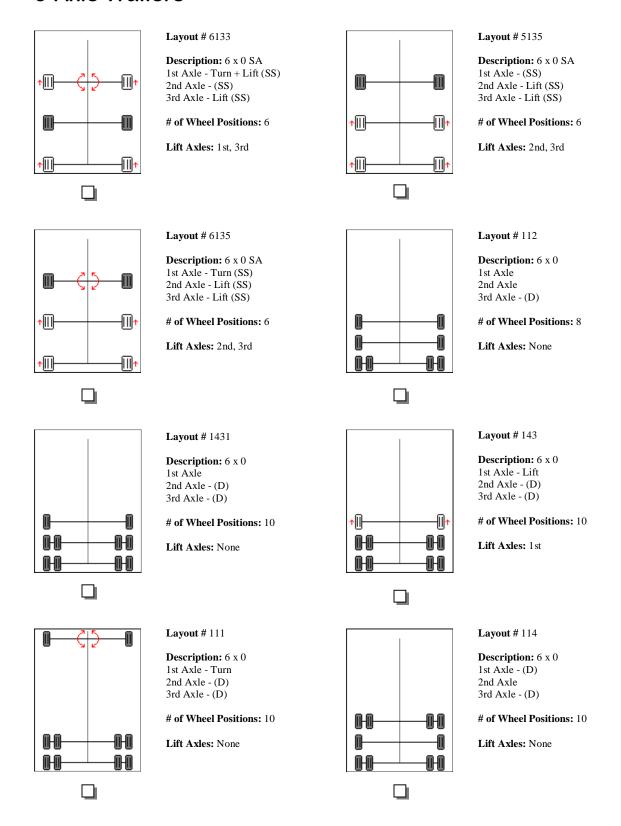
Description: 4 x 0 1st Axle 2nd Axle - (D)

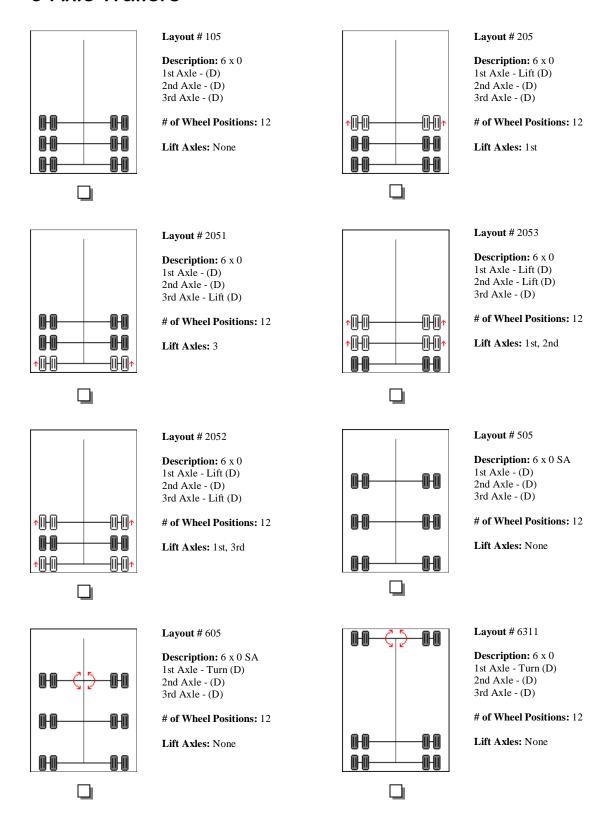
 $\mbox{\it \#}$ of Wheel Positions: 6

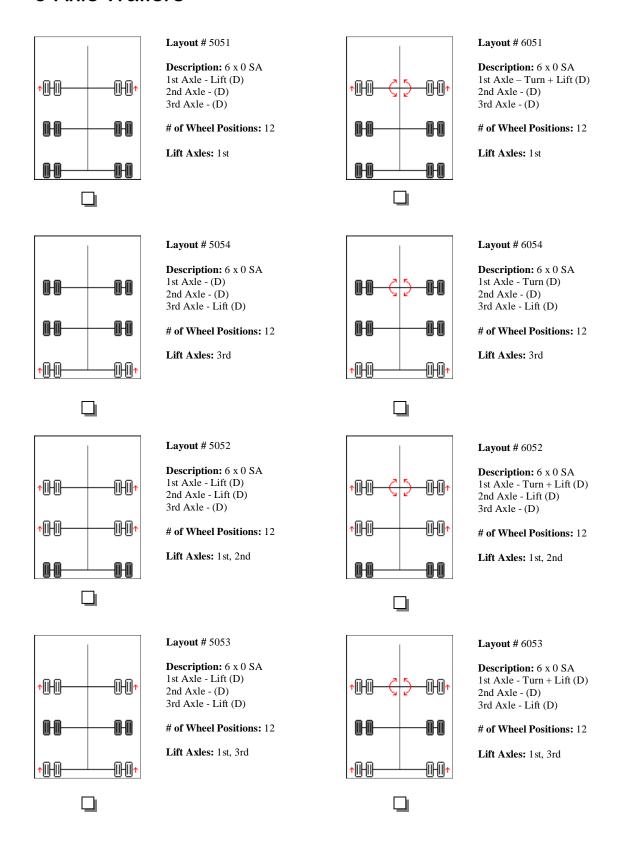
Lift Axles: None

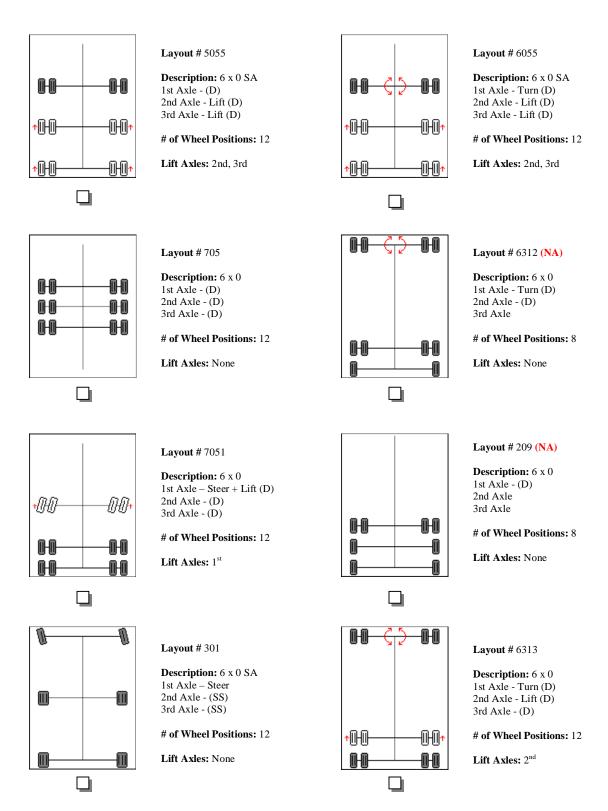


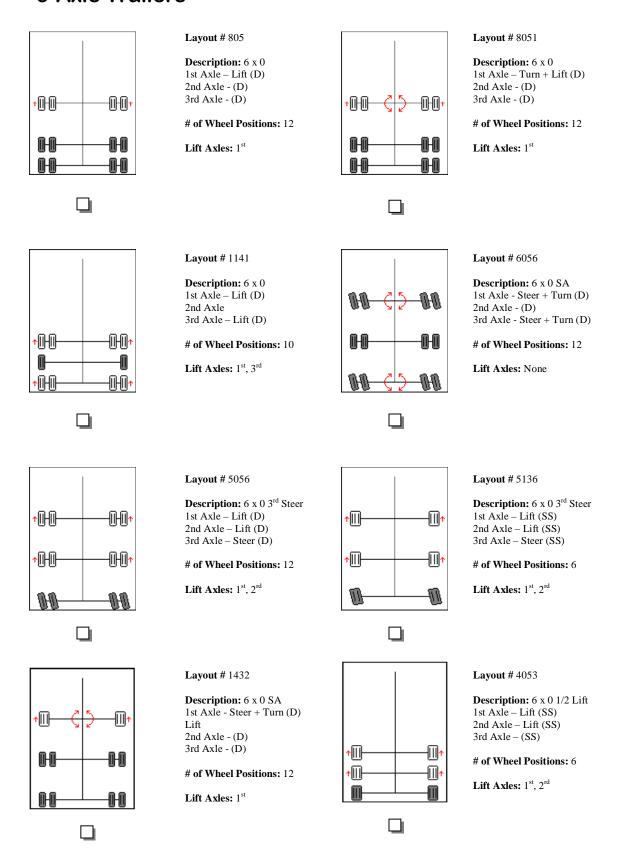


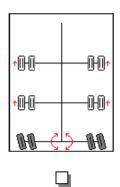










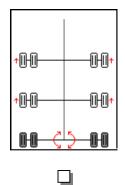


Layout # 6057

Description: 6 x 0 3rd Steer 1st Axle – Lift (D) 2nd Axle – Lift (D) 3rd Axle – Steer Articulated (D)

of Wheel Positions: 12

Lift Axles: 1st, 2rd

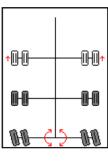


Layout # 6059

Description: 6 x 0 3rd Articulated 1st Axle – Lift (D) 2nd Axle – Lift (D) 3rd Axle – Articulated (D)

of Wheel Positions: 12

Lift Axles: 1st, 2rd



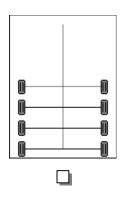
Layout # 6058

Description: 6 x 0 3rd Steer 1st Axle – Lift (D) 2nd Axle – (D) 3rd Axle – Steer Articulated

of Wheel Positions: 12

Lift Axles: 1st



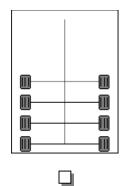


Layout # 1391

Description: 8 x 0 1st Axle 2nd Axle 3rd Axle 4th Axle

of Wheel Positions: 8

Lift Axles: None

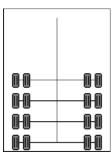


Layout # 1392

Description: 8 x 0 1st Axle - (SS) 2nd Axle - (SS) 3rd Axle - (SS) 4th Axle - (SS)

of Wheel Positions: 8

Lift Axles: None

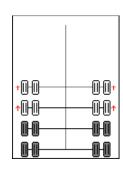


Layout # 139

Description: 8 x 0 1st Axle - (D) 2nd Axle - (D) 3rd Axle - (D) 4th Axle - (D)

of Wheel Positions: 16

Lift Axles: None

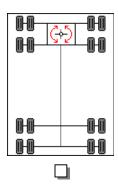


Layout # 239

Description: 8 x 0 1st Axle - Lift (D) 2nd Axle - Lift (D) 3rd Axle - (D) 4th Axle - (D)

of Wheel Positions: 16

Lift Axles: 1st, 2nd

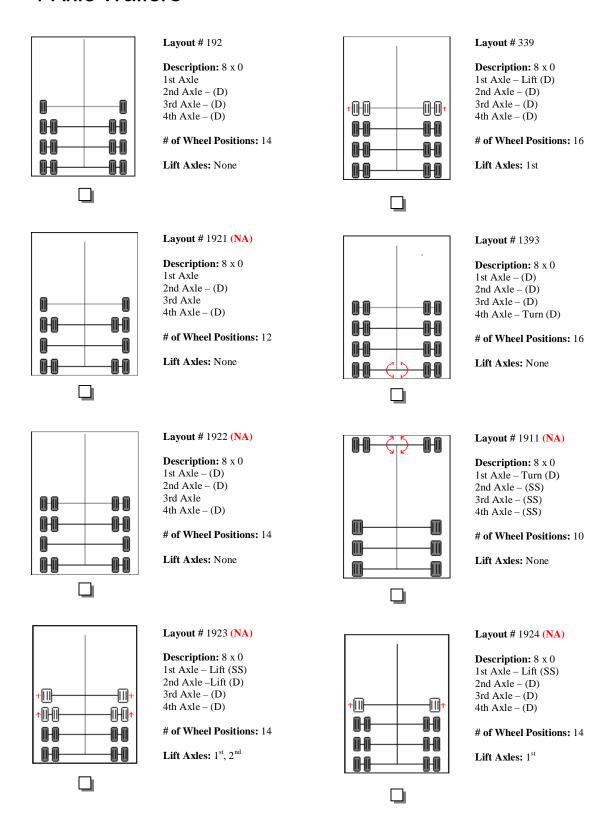


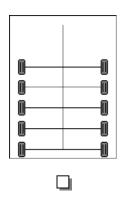
Layout # 631

Description: 8 x 0 1st Axle - Turn (D) 2nd Axle - Turn (D) 3rd Axle - (D) 4th Axle - (D)

of Wheel Positions: 16

Lift Axles: None



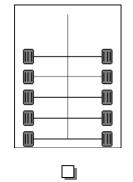


Layout # 1401

Description: 10 x 0 1st Axle 2nd Axle 3rd Axle 4th Axle 5th Axle

of Wheel Positions: 10

Lift Axles: None

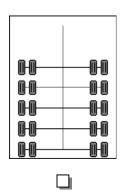


Layout # 1402

Description: 10 x 0 1st Axle (SS) 2nd Axle (SS) 3rd Axle (SS) 4th Axle (SS) 5th Axle (SS)

of Wheel Positions: 10

Lift Axles: None

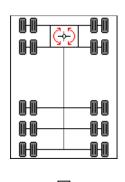


Layout # 140

Description: 10 x 0 1st Axle - (D) 2nd Axle - (D) 3rd Axle - (D) 4th Axle - (D) 5th Axle - (D)

of Wheel Positions: 20

Lift Axles: None

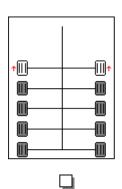


Layout # 632

Description: 10 x 0 1st Axle - Turn (D) 2nd Axle - Turn (D) 3rd Axle - (D) 4th Axle - (D) 5th Axle - (D)

of Wheel Positions: 20

Lift Axles: None



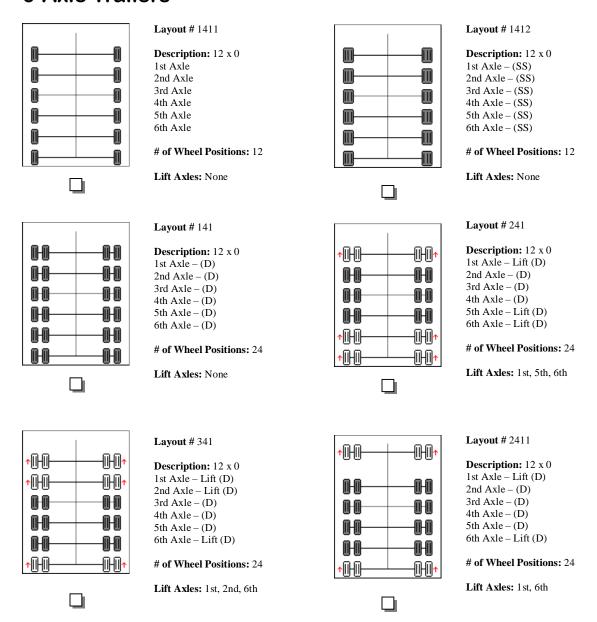
Layout # 1403

Description: 10 x 0 1st Axle – Lift (SS) 2nd Axle (SS) 3rd Axle (SS) 4th Axle (SS) 5th Axle (SS)

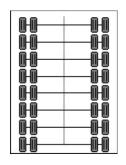
of Wheel Positions: 10

Lift Axles: 1st





7 or more Axles trailers



Layout # 153 (NA)

Description: 16 x 0

1st Axle – (D)

2nd Axle – (D)

3rd Axle – (D) 4th Axle – (D)

5th Axle – (D) 6th Axle – (D)

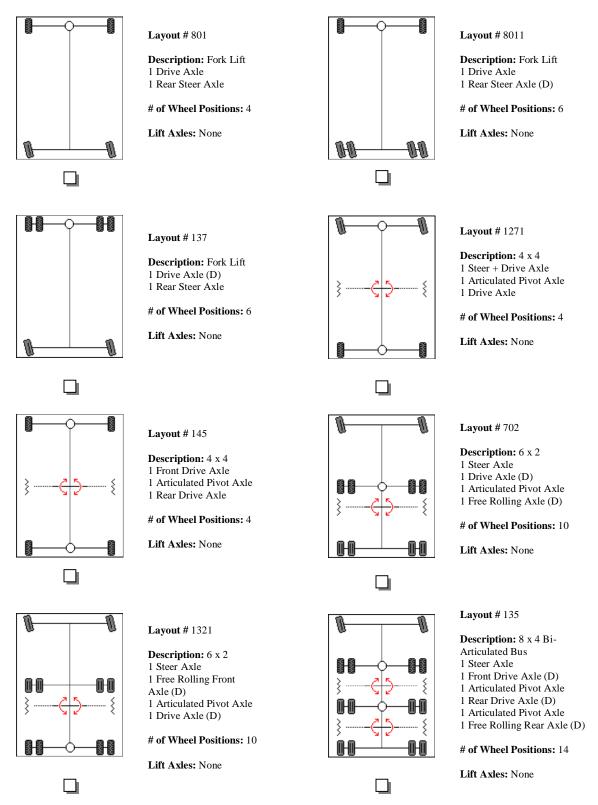
7th Axle – (D)

8th Axle – (D)

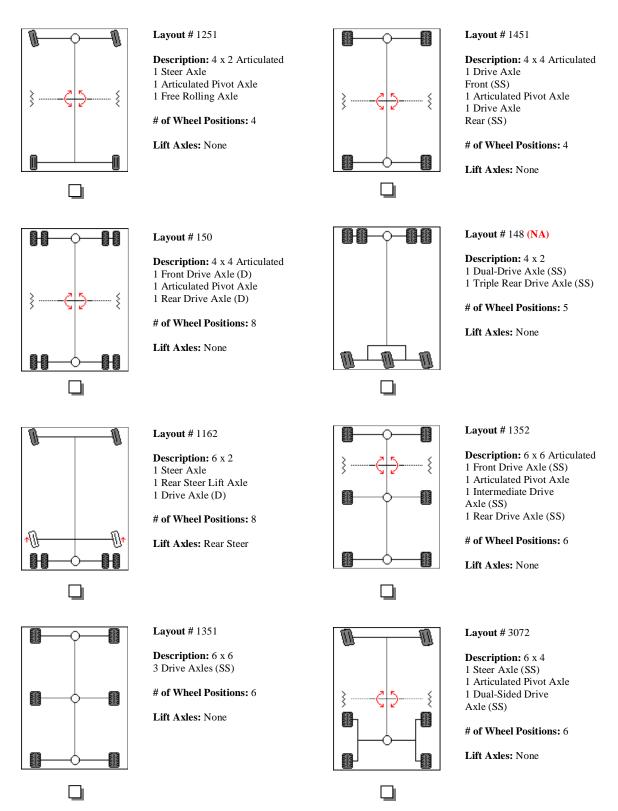
of Wheel Positions: 32

Lift Axles: None

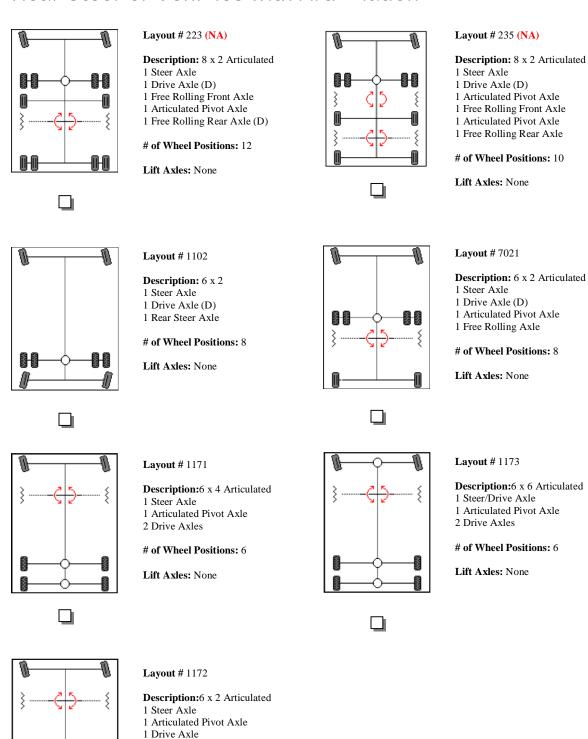
Rear Steer or Vehicles with Articulation



Rear Steer or Vehicles with Articulation



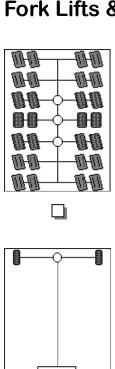
Rear Steer or Vehicles with Articulation



1 Free Rolling Alxe
of Wheel Positions: 6

Lift Axles: None

Fork Lifts & Similars



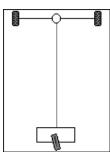
Layout # 151 (NA)

Description: 14 x 6 Harbor Carrier 2 Dual-Steer Axles (SS) 1 Dual-Drive + Front Steer Axle (SS) 1 Dual-Drive Axle (SS) 1 Dual-Drive + Rear Steer Axle (SS) 2 Dual Rear Steer Axles (SS) # of Wheel Positions: 16 Layout # 8014 (NA)

Description: 3 x 2 Fork Lift 1 Steer Axle 1 Drive Axle (D)

of Wheel Positions: 5

Lift Axles: None



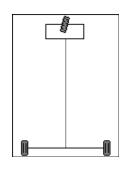
Layout # 8012 (NA)

Lift Axles: None

Description: 3 x 2 Fork Lift 1 Drive Axle 1 Rear Steer Axle

of Wheel Positions: 3

Lift Axles: None

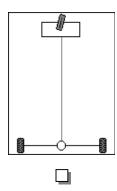


Layout # 8015 (NA)

Description: 3 x 1 Fork Lift 1 Drive + Steer Axle 1 Free Rolling Axle

of Wheel Positions: 3

Lift Axles: None



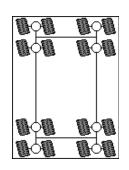
Layout # 8013 (NA)

Description: 3 x 2 Fork Lift

1 Steer Axle 1 Drive Axle

of Wheel Positions: 3

Lift Axles: None

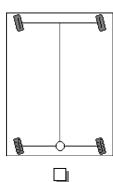


Layout # 439

Description: 16 x 16 Harbor Carrier 1 8-Wheel Front Steer + Drive Axle (SS) 1 8-Wheel Rear Steer + Drive Axle (SS)

of Wheel Positions: 16

Lift Axles: None

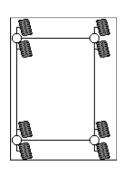


Layout # 1081

Description: 4 x 2 Fork Lift 1 Steer Axle 1 Steer + Drive Axle

of Wheel Positions: 4

Lift Axles: None



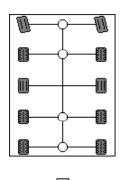
Layout # 731

Description: 8 x 8 Harbor Carrier 1 4-Wheel Front Steer + Drive Axle (SS) 1 4-Wheel Rear Steer + Drive Axle (SS)

of Wheel Positions: 8

Lift Axles: None

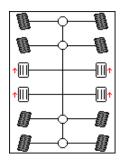
Fork Lifts & Similars



Layout # 2400

Description: 10 x 8
Harbor Carrier
1 Steer + Drive Axle (SS)
1 Front Drive Axle (SS)
1 Free Rolling Axle (SS)
2 Rear Drive Axles (SS)
of Wheel Positions: 10

Lift Axles: None



Layout # 2500

Description: 12 x 8 2 Front Steer + Drive Axles (SS) 2 Free Rolling Lift Axles (SS) 2 Rear Steer + Drive Axles (SS)

of Wheel Positions: 12

Lift Axles: 2 Free Rolling

Other



Layout # 138 (NA)

Description: Motocycle 1 Steer Axle 1 Drive Axle

of Wheel Positions: 2

Lift Axles: None

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