

Item	Description
1	"V" Plow (if applicable)
2	Scarifier Teeth (if applicable)
3	Wheel Seals & Bearings
4	Tire Bead
5	Wheel Stud Remover
6	Tie Rod End
7	King Pin
8	Steering Cylinder
9	Articulation Pin
10	Lower Ripper Link Pin
11	Tooth
12	Lower Link Pin
13	Cylinder Pin
14	Link Pins

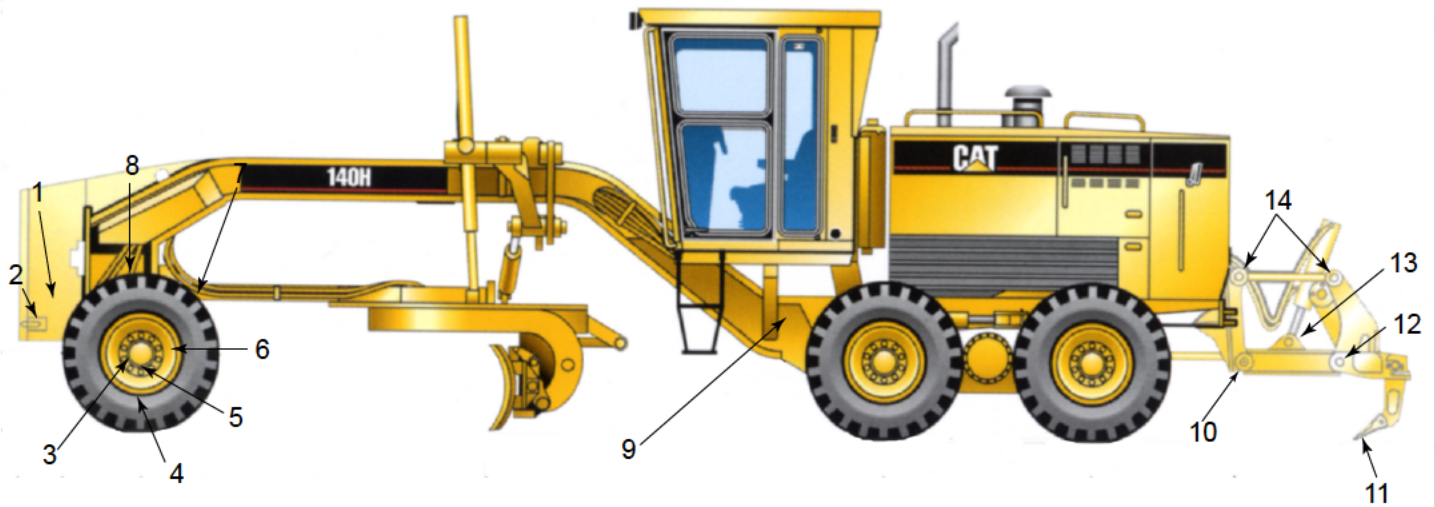


SAFETY FIRST



1. Wear Safety Equipment.
2. Keep hands and feet clear.
3. Beware of flying objects.

Prior to removing any pins or parts refer to Manufacturers Service manual for proper procedures for securing and stabilizing equipment.



See back for Pin Removal / Insertion specifications and recommended Slide Sledge® tool kit.

The following removal and insertion tips are manufacturer recommendations for this model. Other model motor graders may use similar tips and tools for similar removals. Consult with manufacturer for specific models and uses.

Item	Tool/Tip	Description	Part#
#1	R/I Tool	9 lb./30" Slide Sledge	25050
	R/I Tip	7/8" Pin Driver	25225
#2	R/I Tool	13 lb./46" Slide Sledge	26050
	R/I Tip	Scarifier Tooth Remover	25340
#3	R/I Tool	9 lb./30" Slide Sledge	25050
	R/I Tip	Large Plate Driver	25320
#4	R/I Tool	13 lb./46" Slide Sledge	26050
	R/I Tip	Tire Bead Breaker (Small)	25350
#5	R/I Tool	9 lb./30" Slide Sledge	25050
	R/I Tip	2" Pin Driver	25291
#6	R/I Tool	9 lb./30" Slide Sledge	25050
	R/I Tip	Tie Rod End Adapter	25210
	R/I Acc.	Tie Rod End	25214
#7	R/I Tool	13 lb./46" Slide Sledge	26050
	R/I Tip	1 1/4" Pin Driver	25290
#8	R/I Tool	13 lb./46" Slide Sledge	26050
	R/I Tip	7/8" Pin Driver	25225
#9	R/I Tool	13 lb./46" Slide Sledge	26050
	R/I Tip	1 1/4" Pin Driver	25290
#10	R/I Tool	13 lb./46" Slide Sledge	26050
	R/I Tip	1 1/4" Pin Driver	25290
#11	R/I Tool	13 lb./46" Slide Sledge	26050
	R/I Tip	1/2" Pin Remover	25220
#12	R/I Tool	13 lb./46" Slide Sledge	26050
	R/I Tip	1 1/4" Pin Remover	25290
#13	R/I Tool	9 lb./30" Slide Sledge	25050
	R/I Tip	1 1/4" Pin Remover	25290
#14	R/I Tool	9 lb./30" Slide Sledge	25050
	R/I Tip	1 1/4" Pin Remover	25290

Recommended Tool Kit for Motor Grader

Product	Part#
9 lb./30" Slide Sledge	25050
13 lb./46" Slide Sledge	25291
1/2" Pin Driver	25220
7/8" Pin Driver	25225
1 1/4" Pin Driver	25290
2" Pin Driver	25291
Tire Bead Breaker	25350
Wheel Stud Remover	25291
Tie Rod End Adapter	25210
1 7/16" Tie Rod Separator Fork	25214
Large Plate Driver	25320
Scarifier Tooth Remover	25340
5 lb. Add On Weight	1001001

Removal and installation should only be performed on pins that have been properly serviced and maintained.