	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
the-cars		n3		n4		n5				n6		n7		n8	n5	n9
the-cdrs	p4	p3	p2	p5	p0	p9	p1	p5	p3	p11	p6	p13	p7	p15	nil	nil

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
new-cars	p1	n1	p3	p1	p6	p1	n3	n4								
new-cdrs	p2	n2	p4	p5	nil	nil	p7	p14								

root p0
free p8
scan p7
old n4
new n4
oldcr p14

Label

relocate-old-result-in-new

Registers

root = (x y z)
x = (1 . 2)
y = (x x)
z = (3 4 5)

relocate-continue   update-car