	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
the-cars	p10	n3	p8	n4		n5	n1	p6	p6	n6	n3	n7	n4	n8	n5	n9
the-cdrs	nil	p3	p0	p5	p0	p9	n2	nil	p7	p11	p12	p13	p14	p15	nil	nil

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
new-cars	p6															
new-cdrs	p2															

root p4   Label   Registers
free p1
scan p0   pair   root = (x y z)
old p4   x = (1 . 2)
new p0   y = (x x)
oldcr p2   z = (3 4 5)

relocate-
continue   reassign-root