the ground. Determine the dynamic load transfer. This is the amount of load that is transferre from the front tire to the rear tire during acceleration. Given: Find:			
		Solution:	
		Draw a free-body diagram of the car.	Calculate the normal force on the rear tire under acceleration.
	Write down the car's equation of motion.		
Calculate the normal forces on the wheels under static conditions.			
	N _{rear} =		
	What is the dynamic load transfer to the rear wheel?		
$N_{front} = $			
$N_{rear} = \underline{\hspace{1cm}}$	$\Delta N = $		

P6.2-2) An automobile of weight W is accelerating in a straight line with acceleration a. The wheel base of the automobile is L and its center of mass is located l_1 behind the front axle and h above