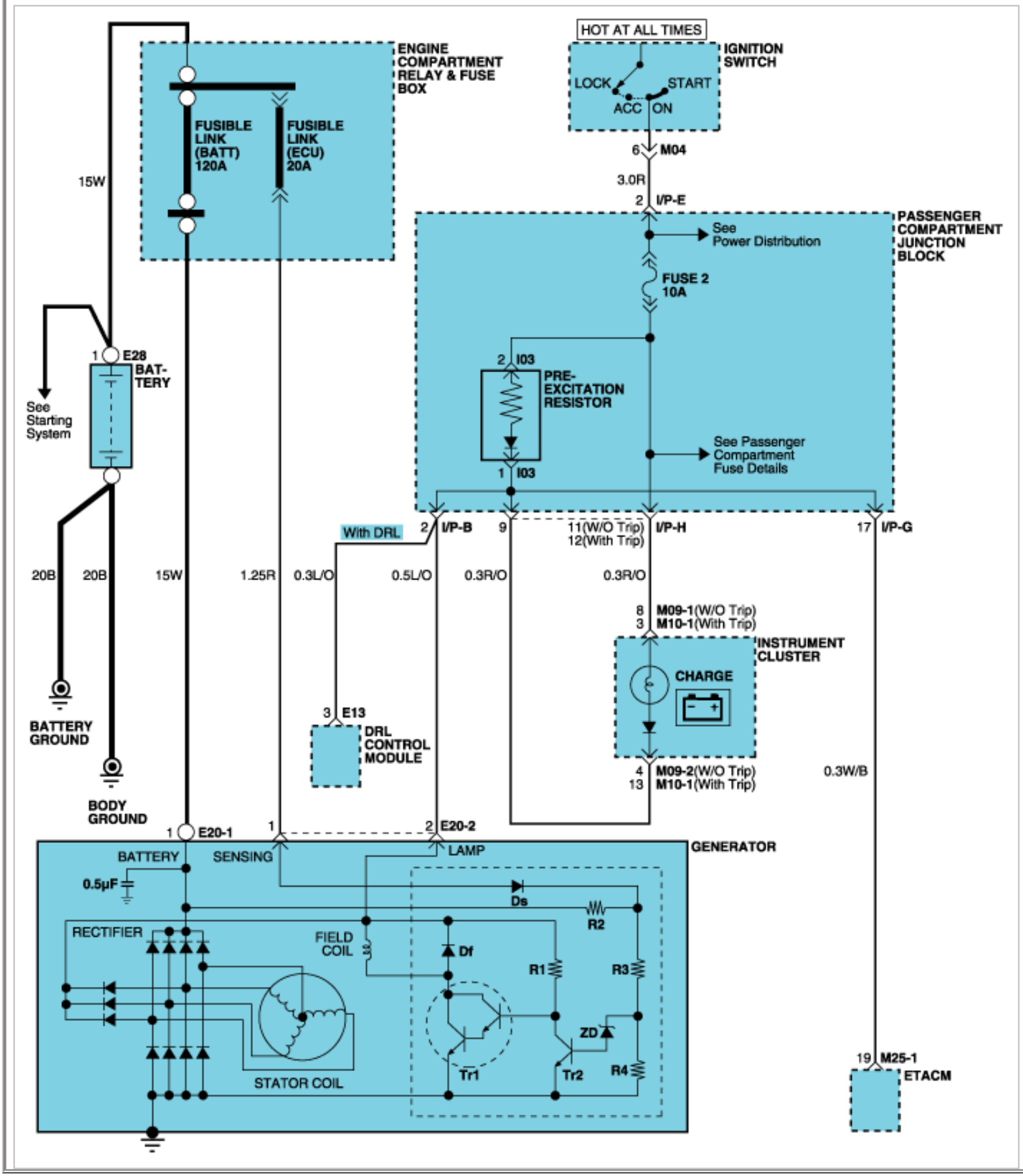CIRCUIT DIAGRAM FOR CHARGING SYSTEM