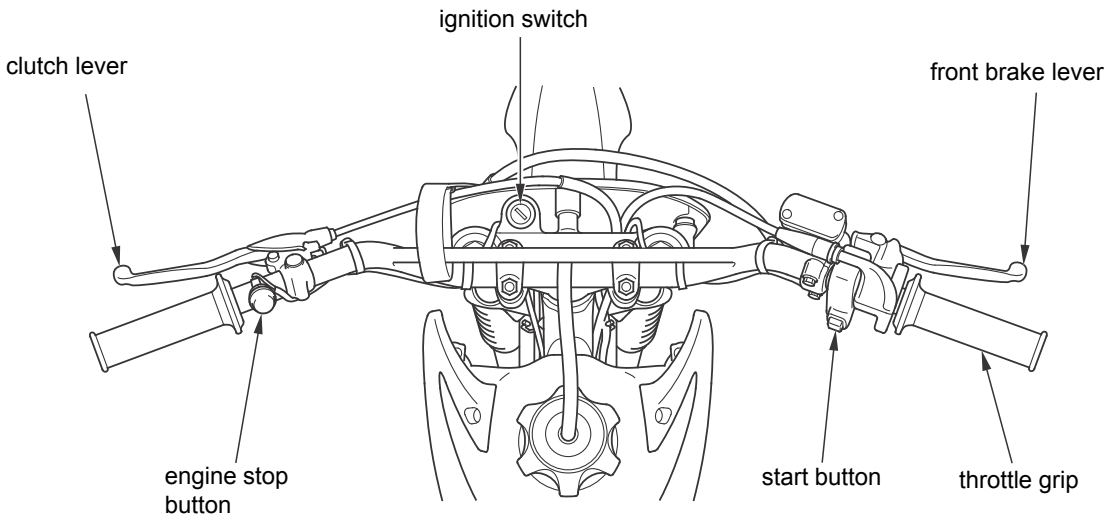Operation Component Locations