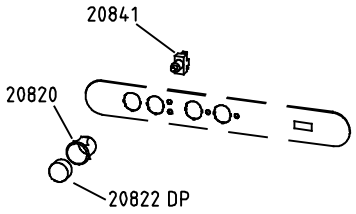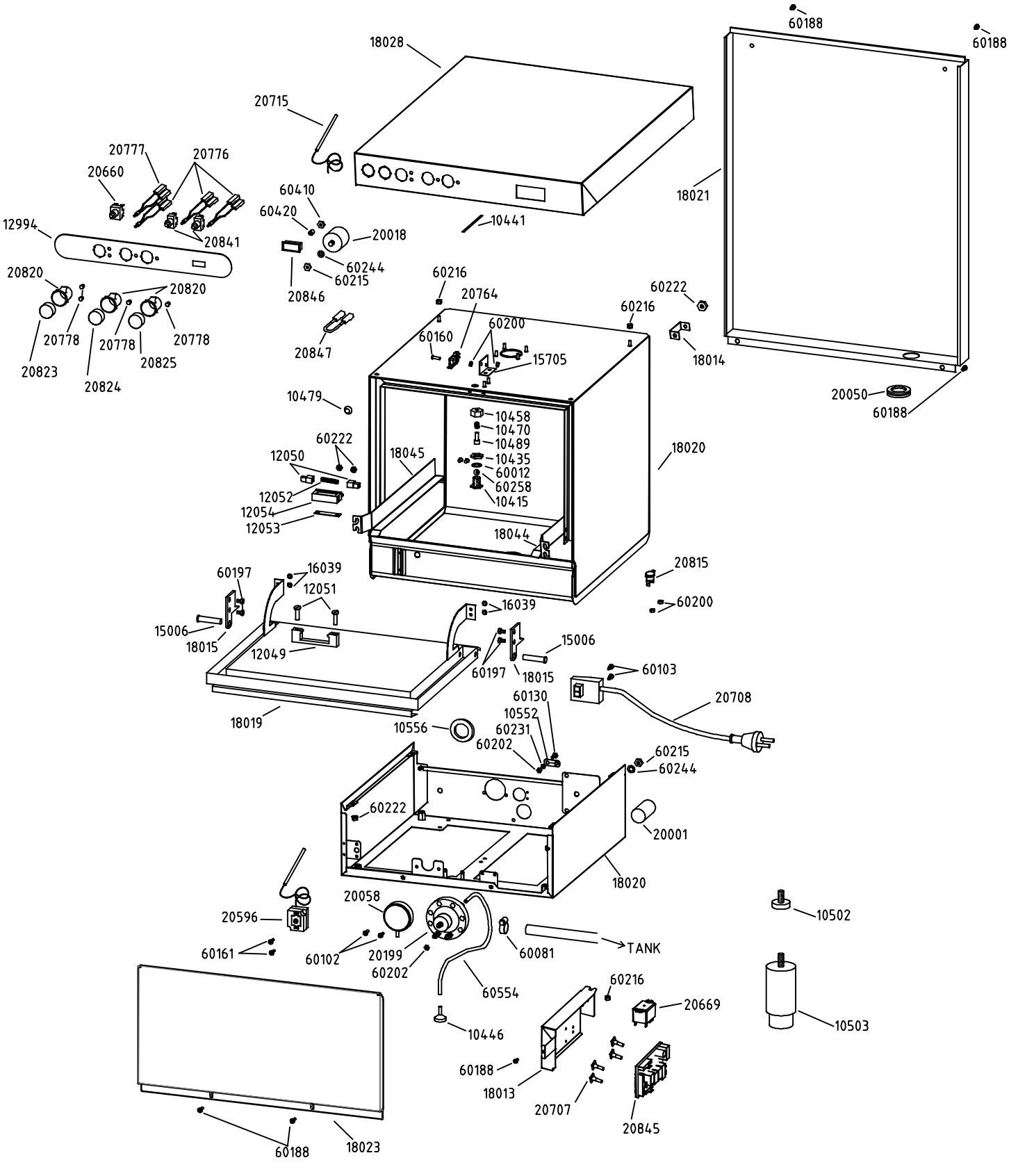Optionals switches