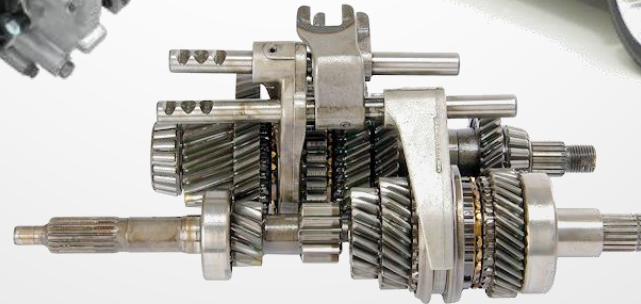
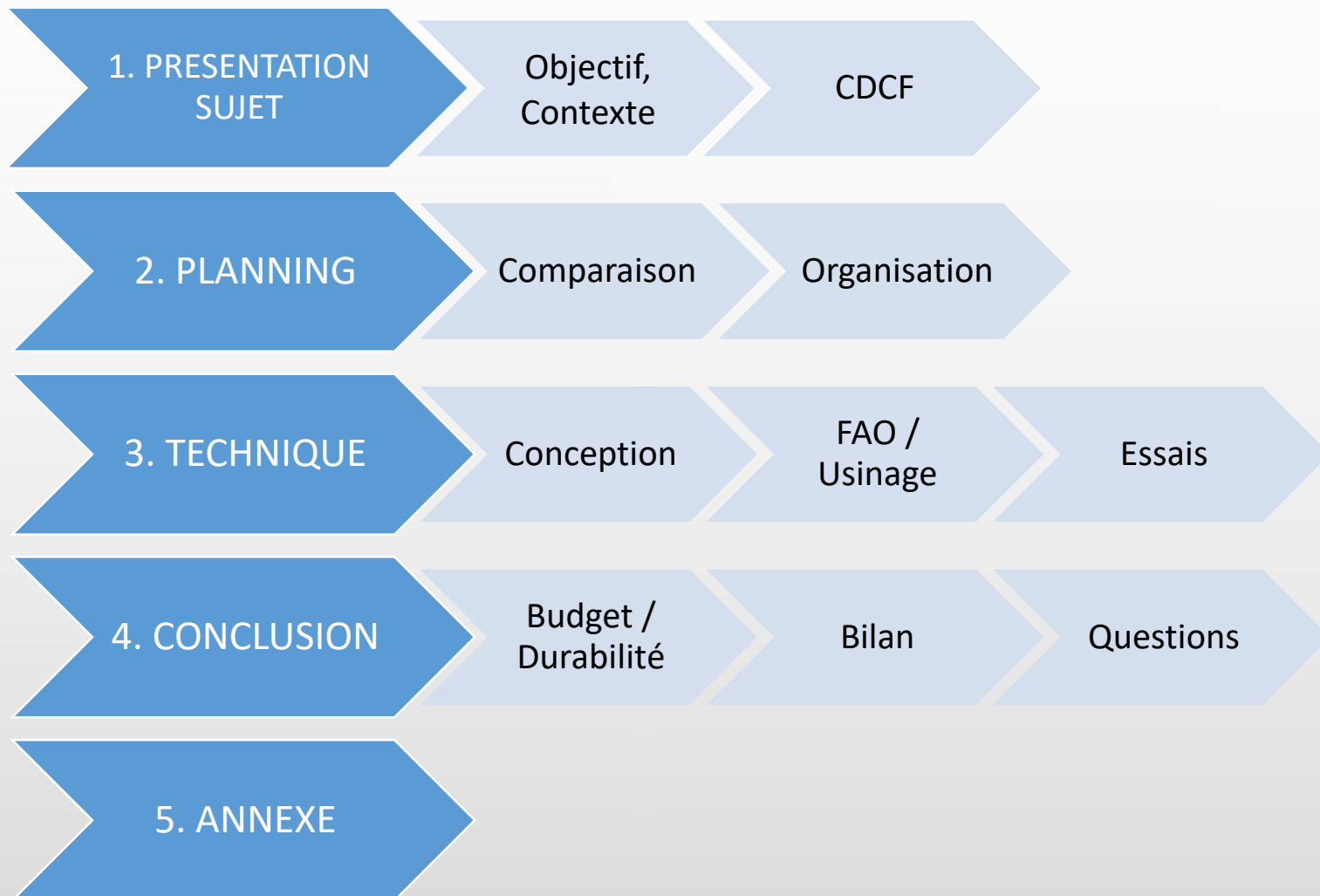


COMMANDE SEQUENTIELLE AUSTIN MINI

Projet Tutoré







**Commande
Manuelle**

**1 3
2 4 R**



**Commande
Séquentielle**

**-
+
+**

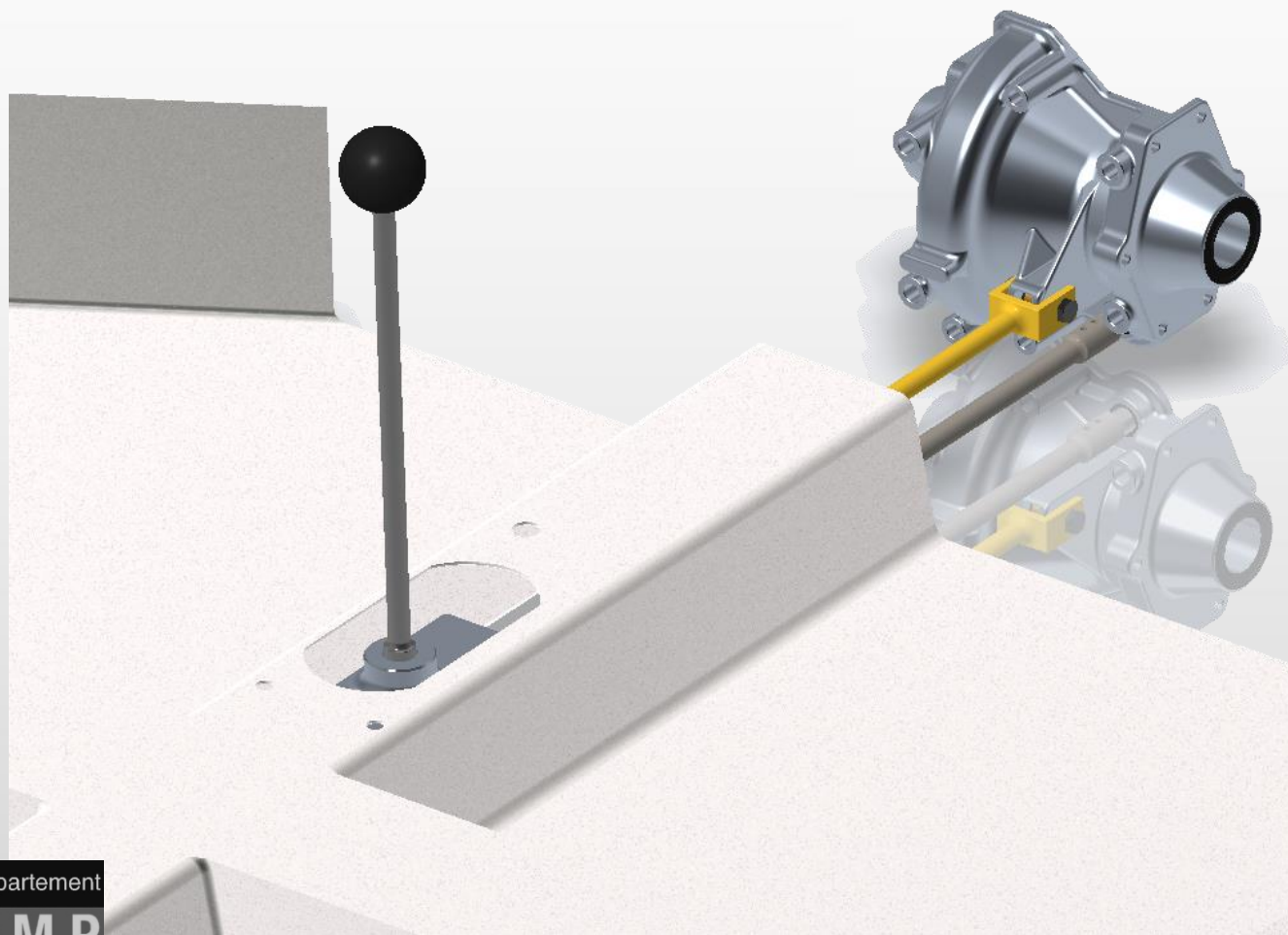


**Commande
Automatique**

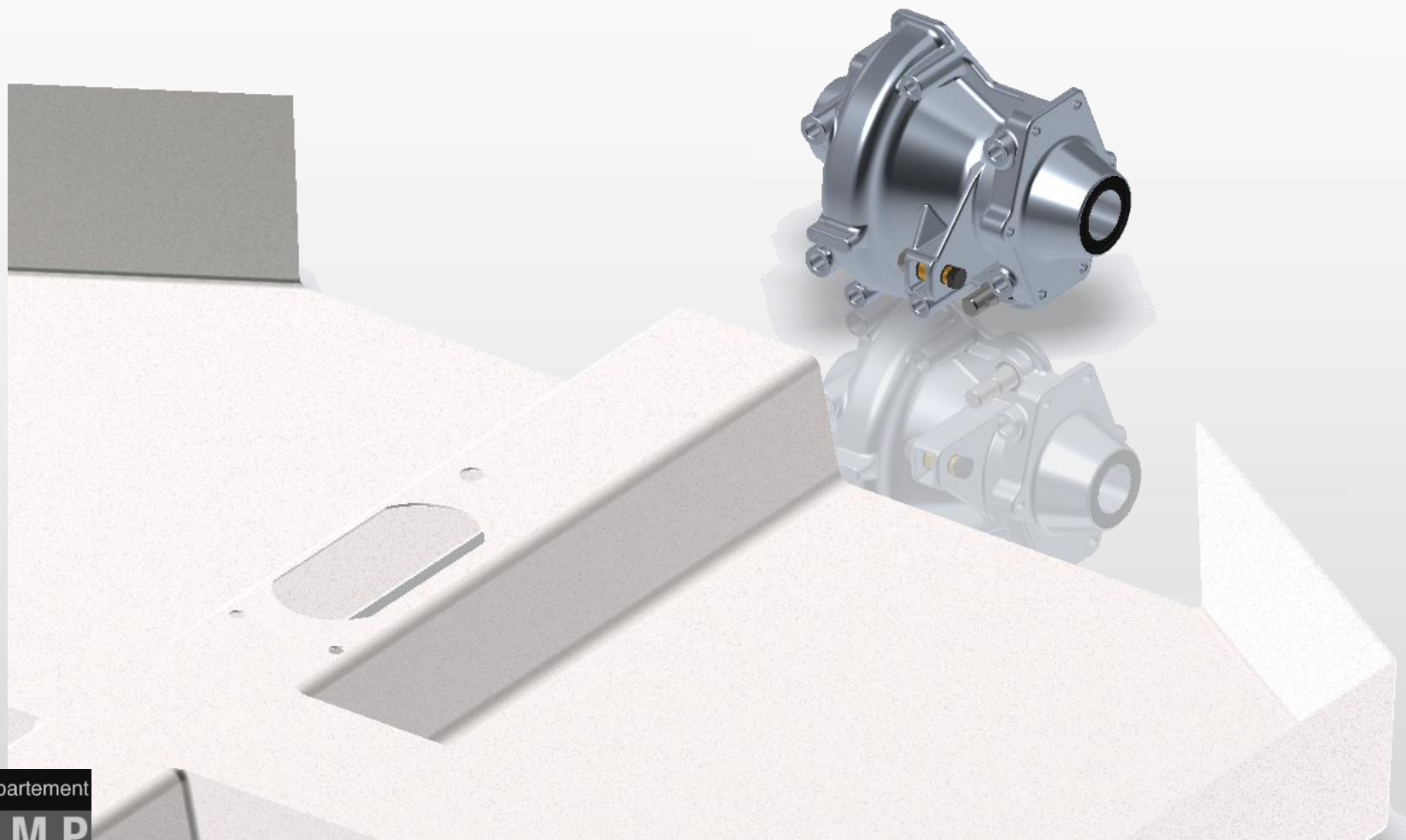
**P
R
N
D**



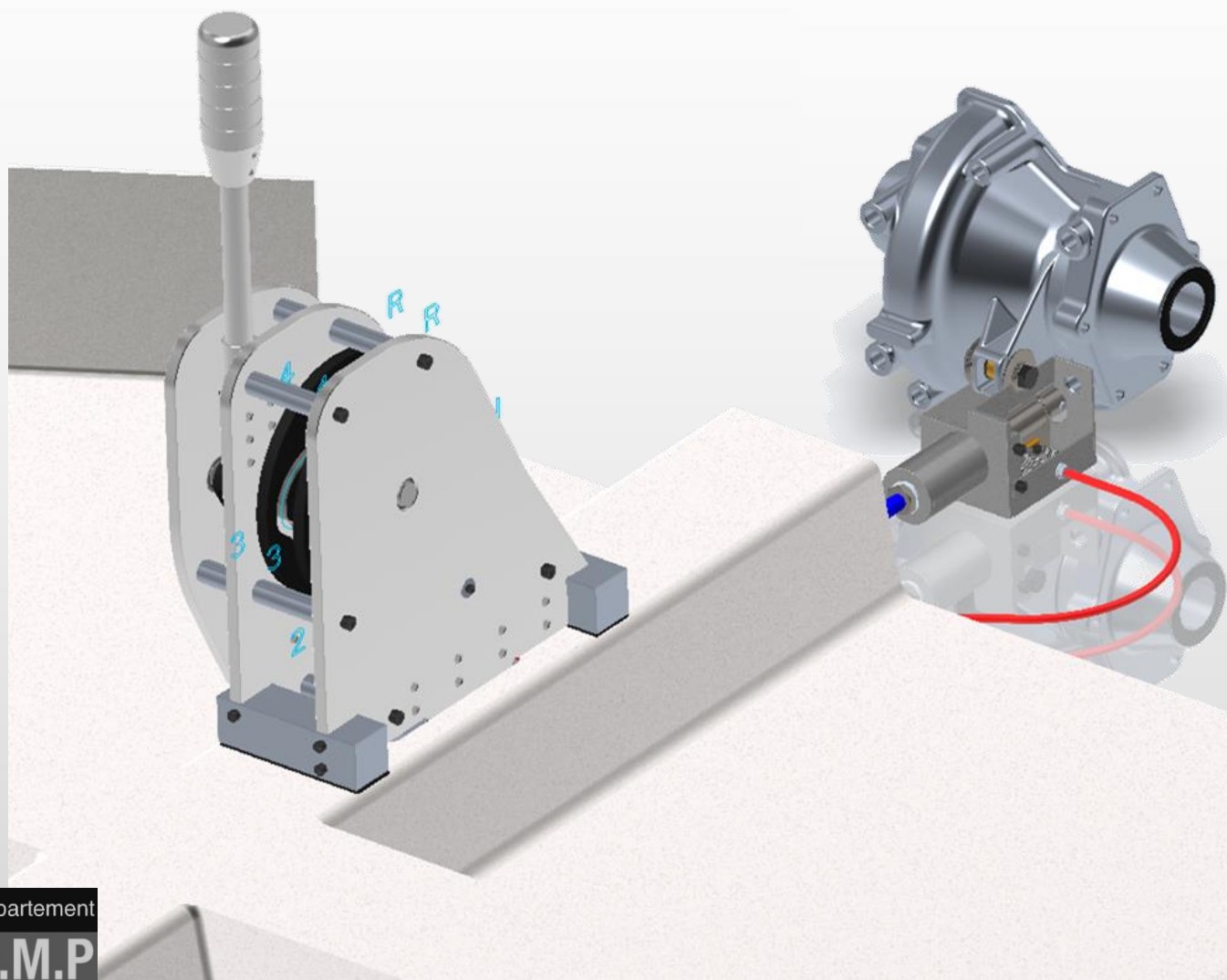
Commande d'origine



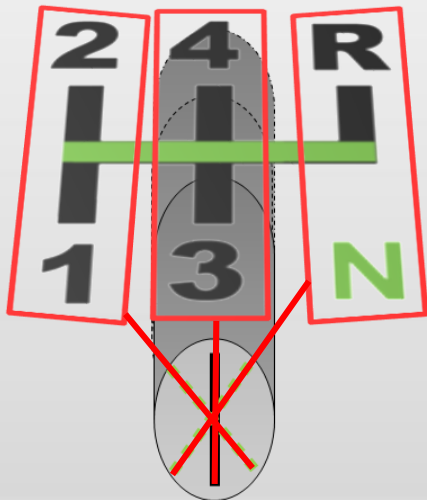
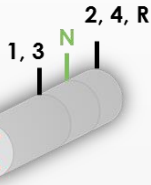
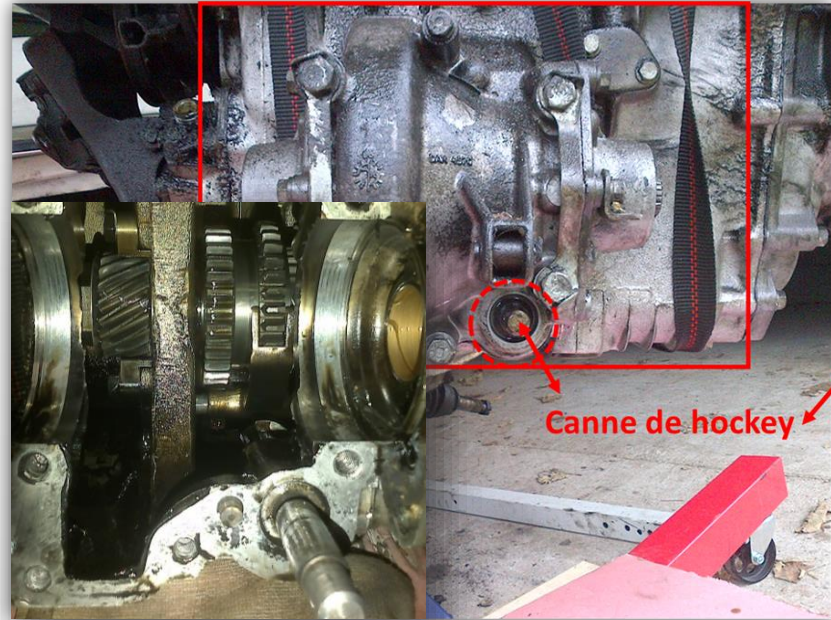
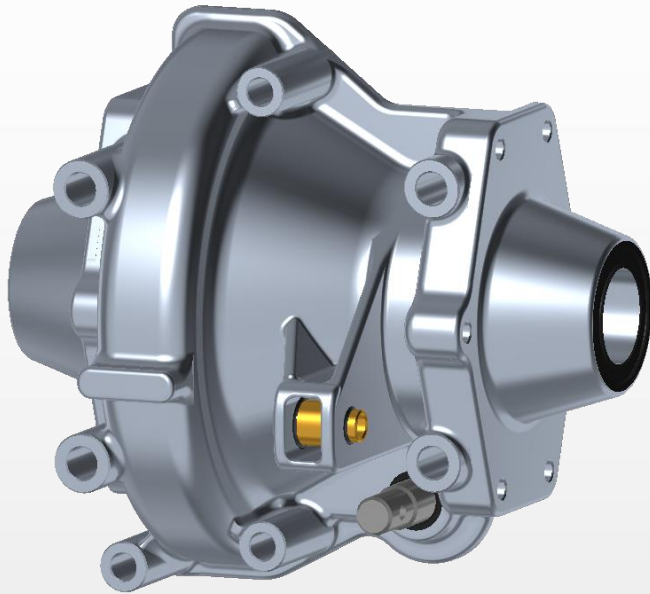
Contraintes imposées



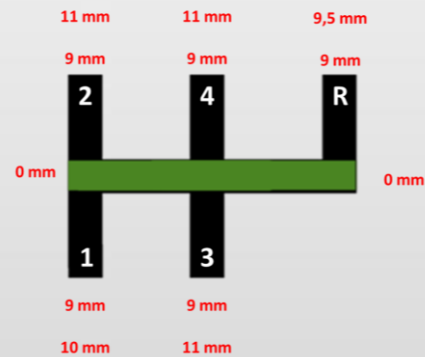
Commande séquentielle



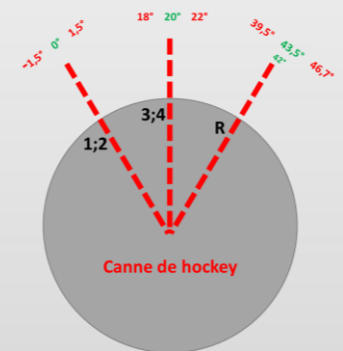
1. PRESENTATION SUJET – CDCF



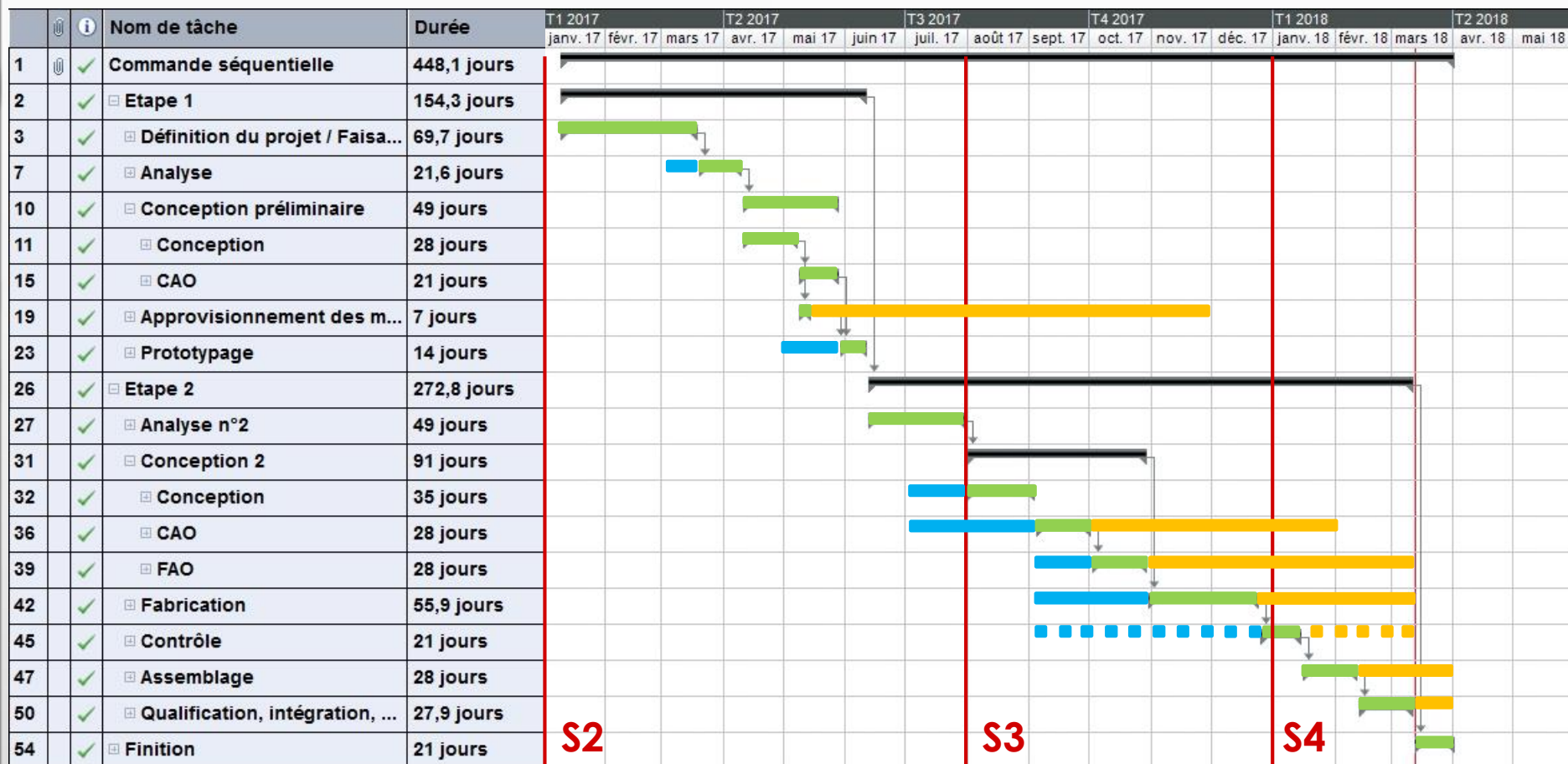
Translation



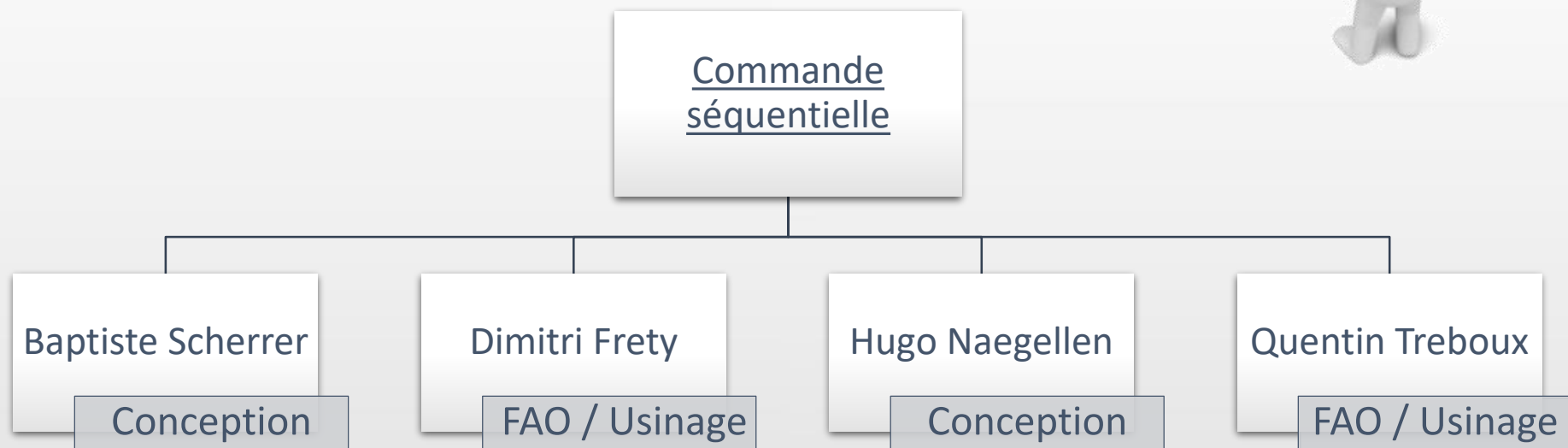
Rotation



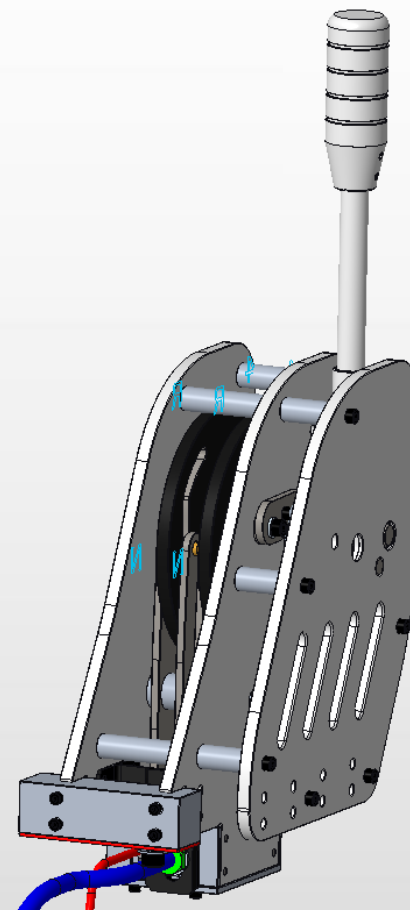
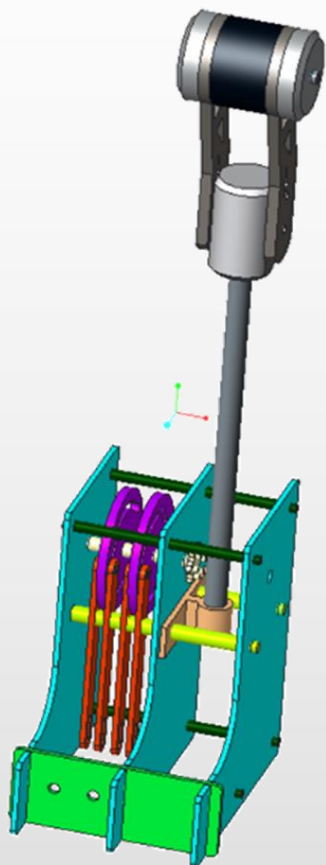
Avancement



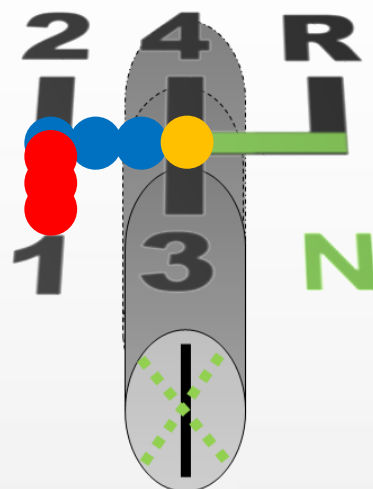
Réparation des rôles



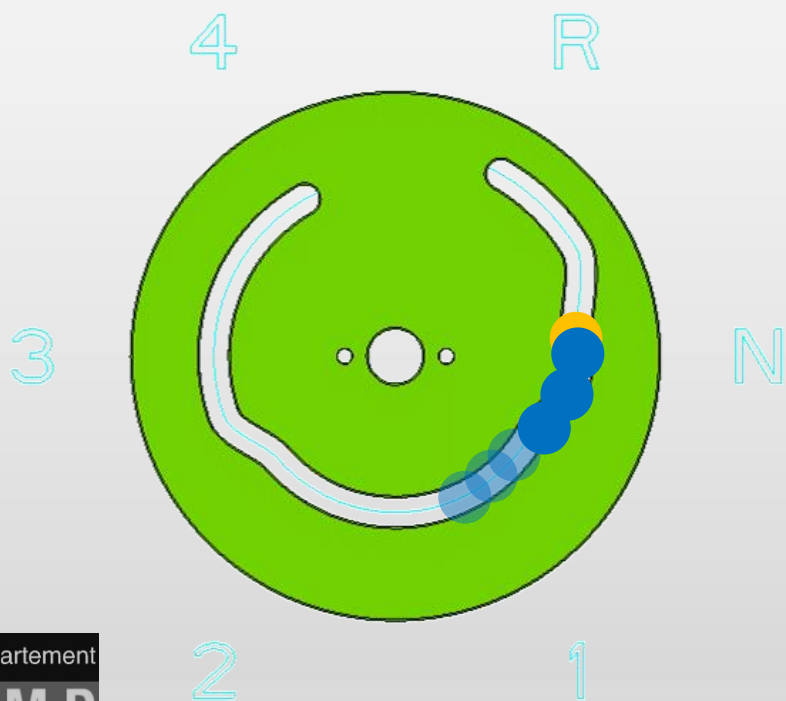
Evolution S2 → S3



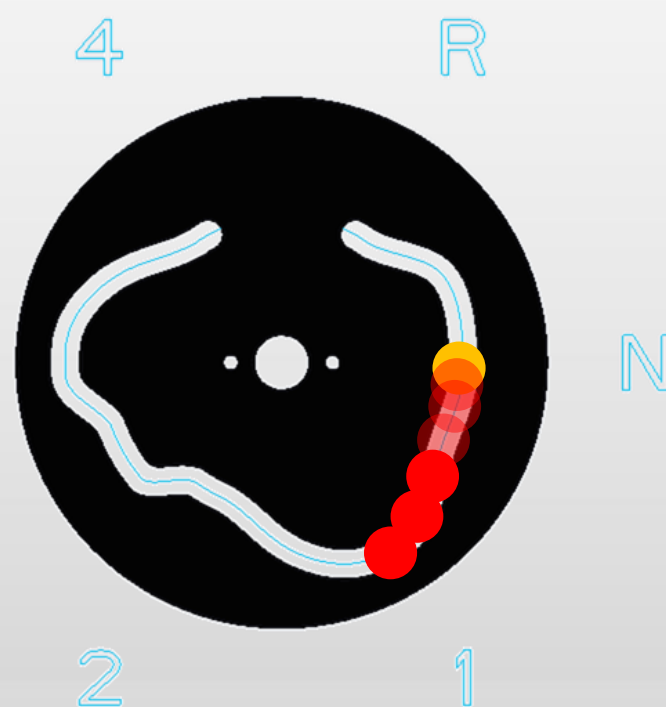
Came circulaire

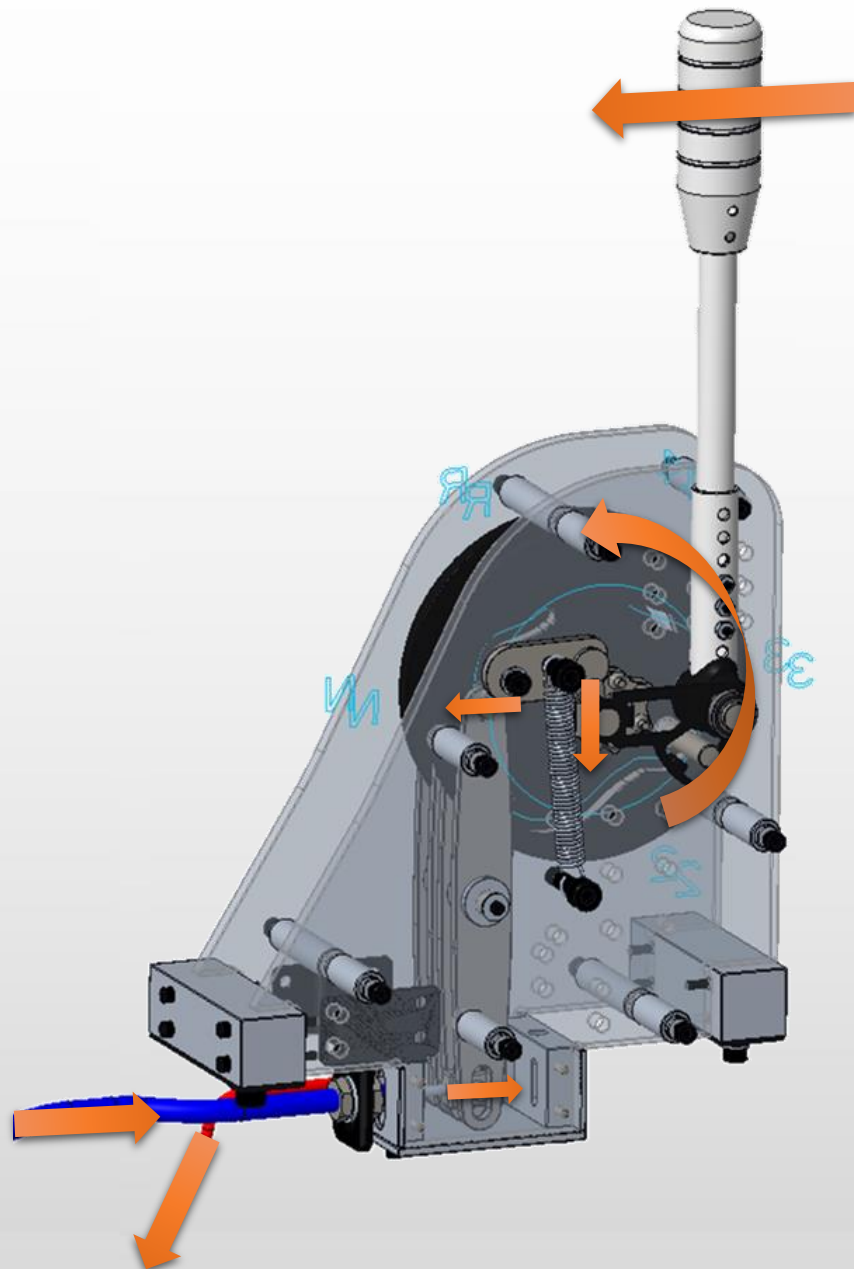
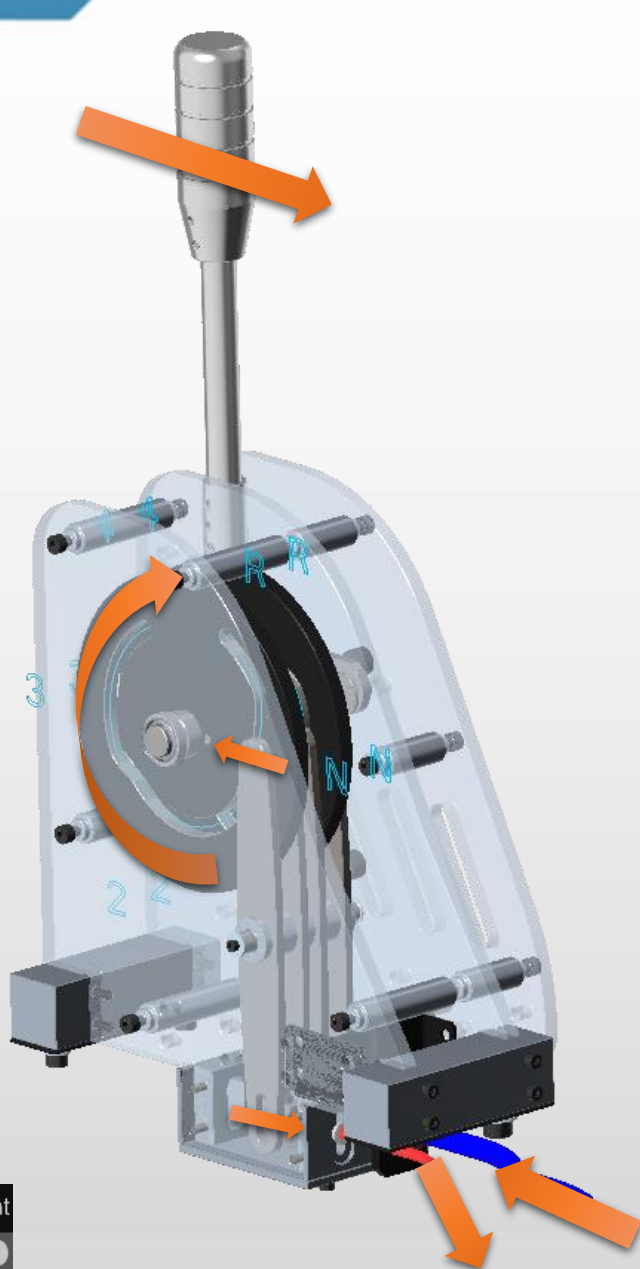


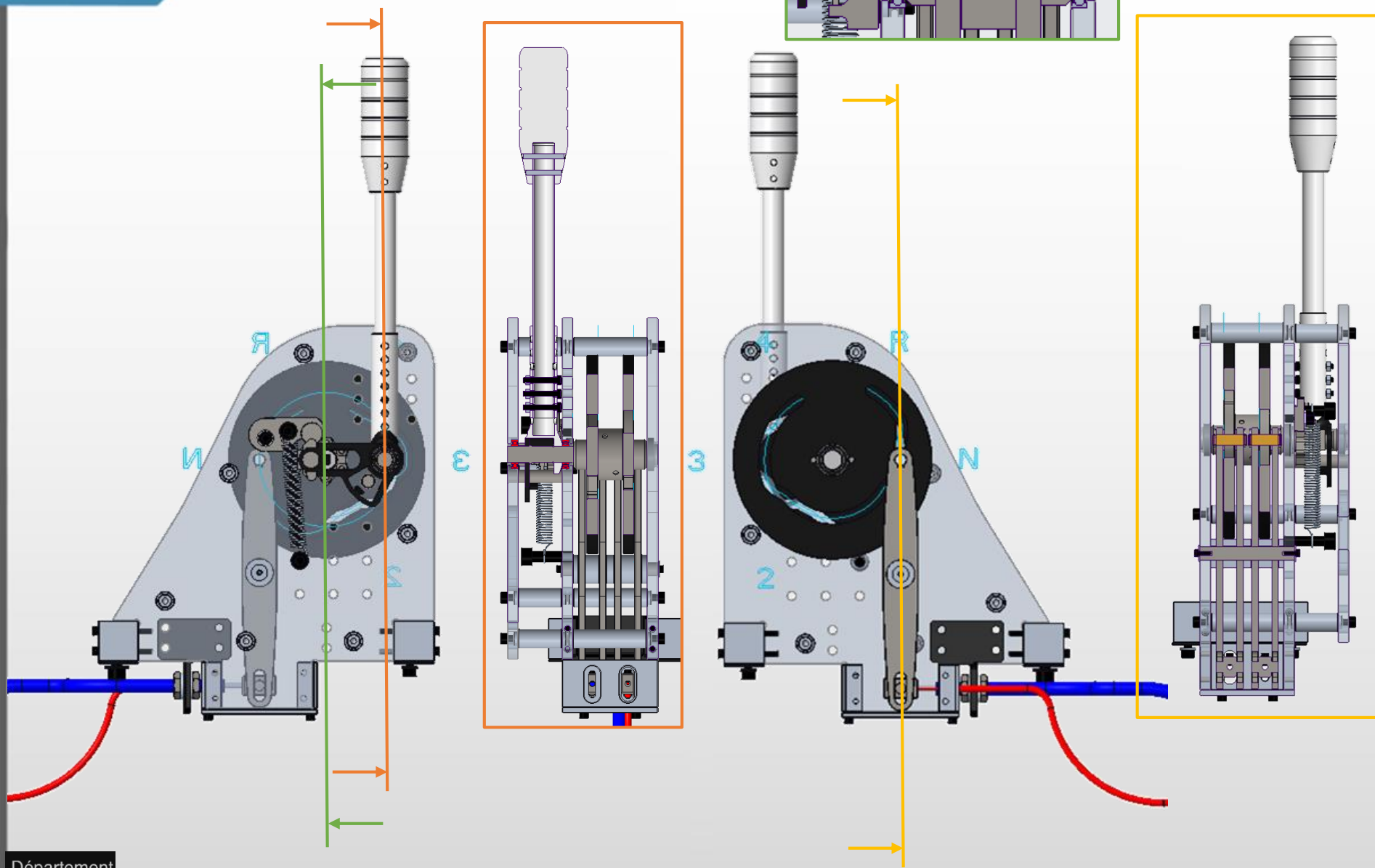
Disque de rotation



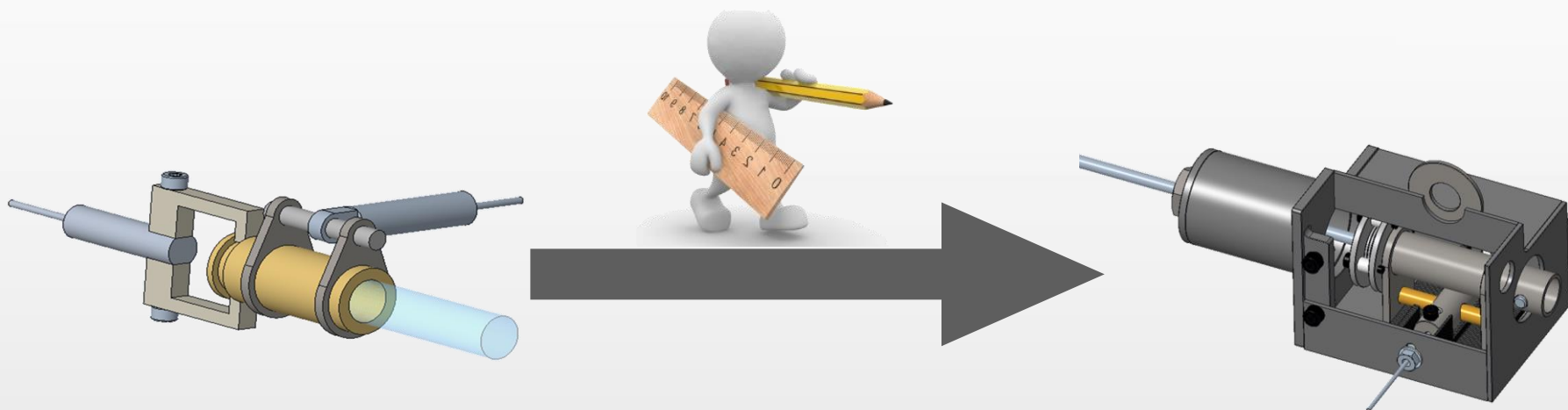
Disque de translation

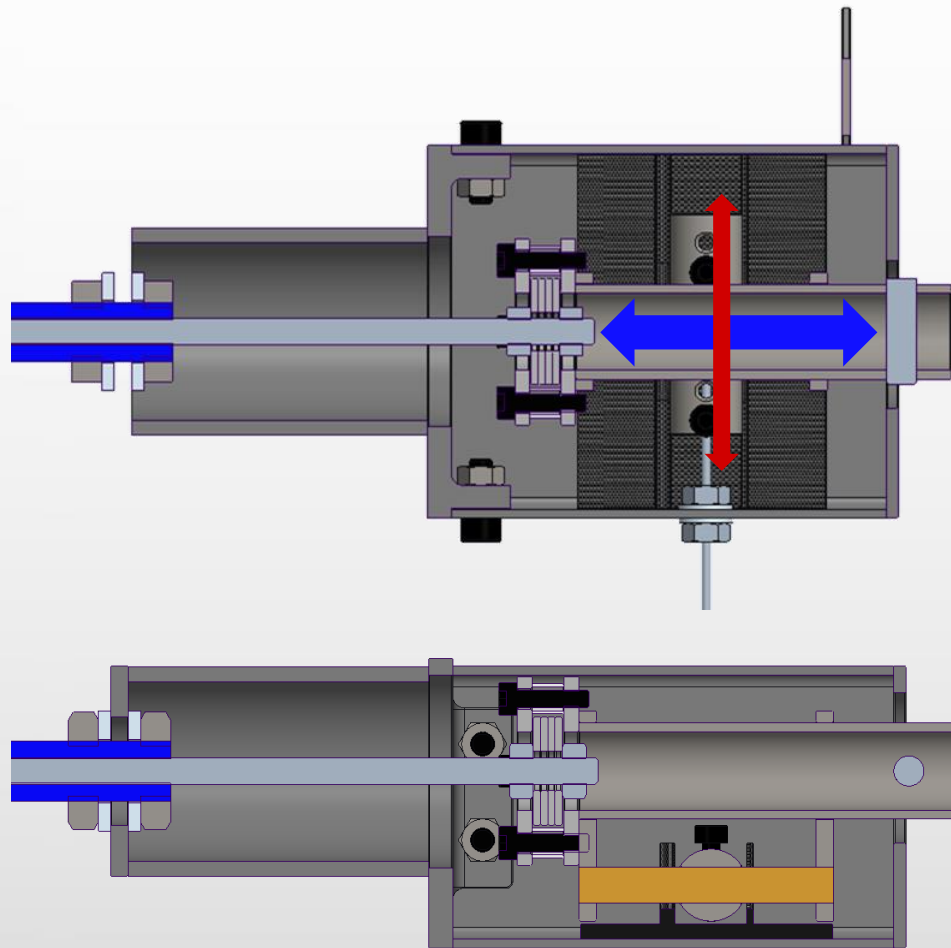
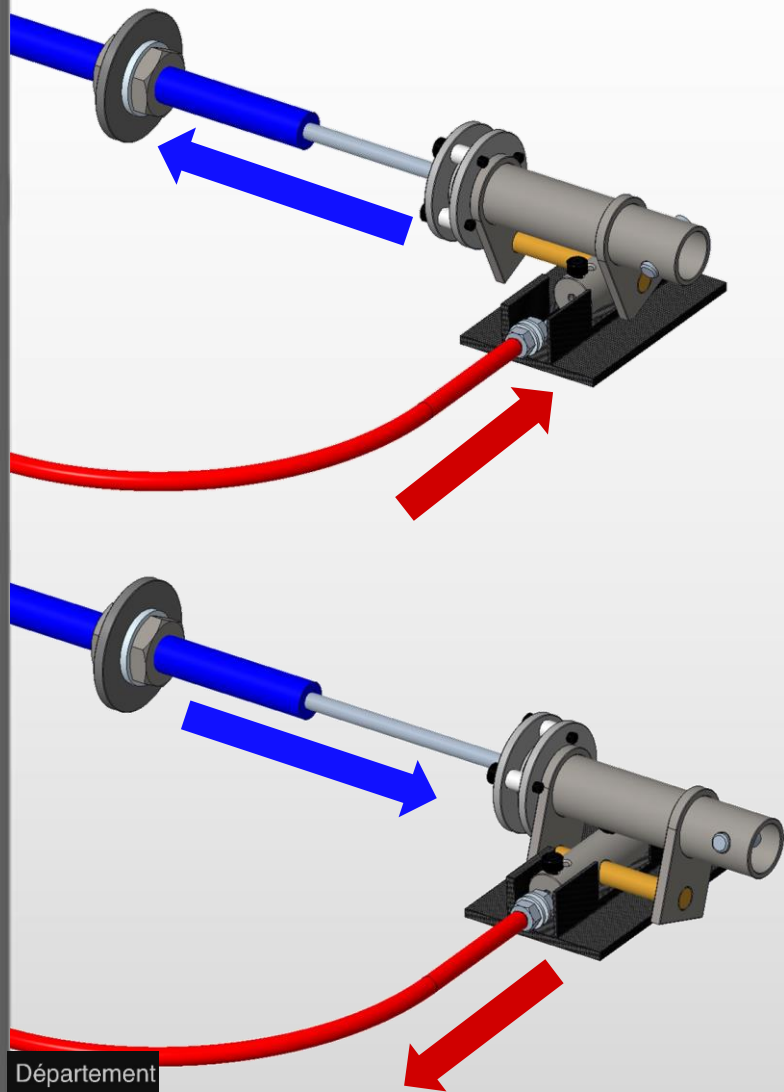




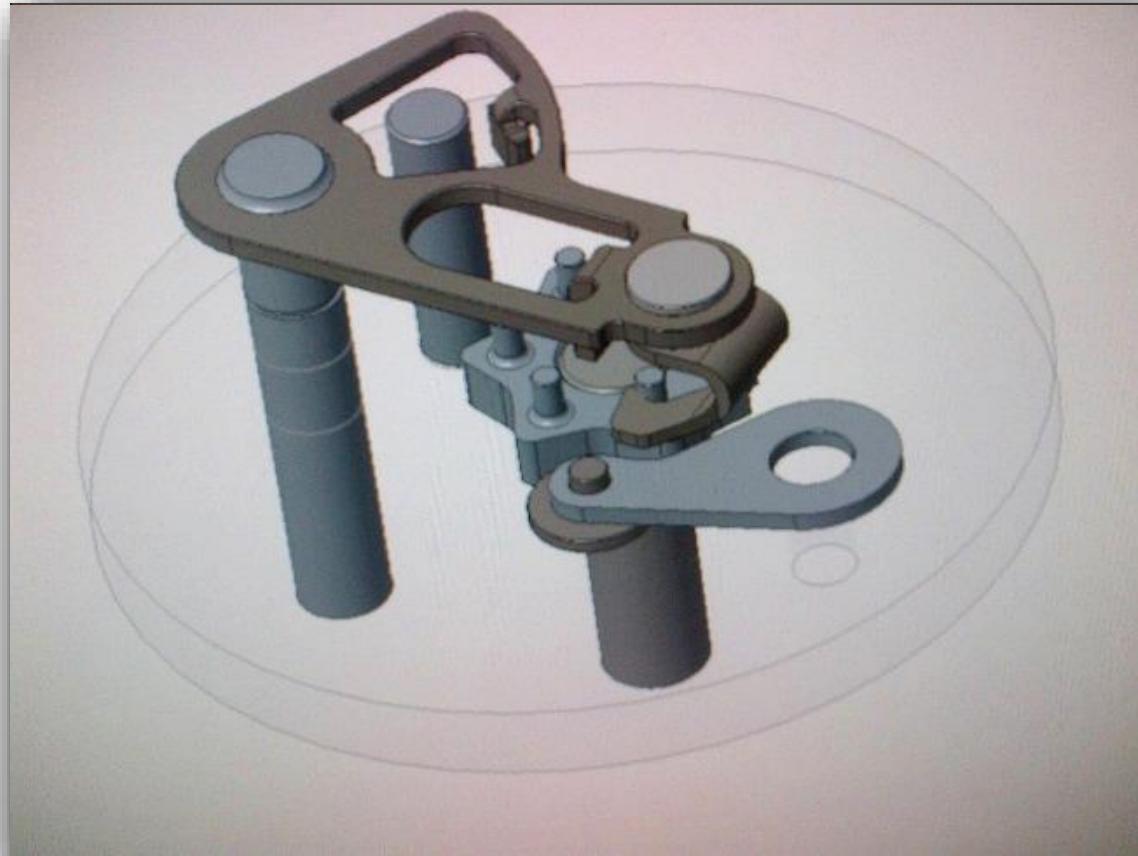


Evolution S3 → S4

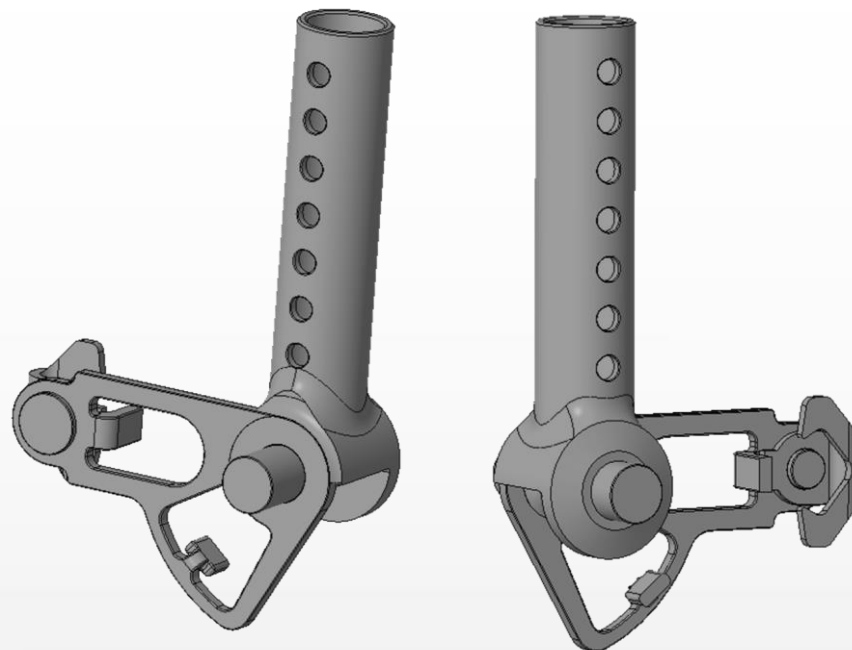
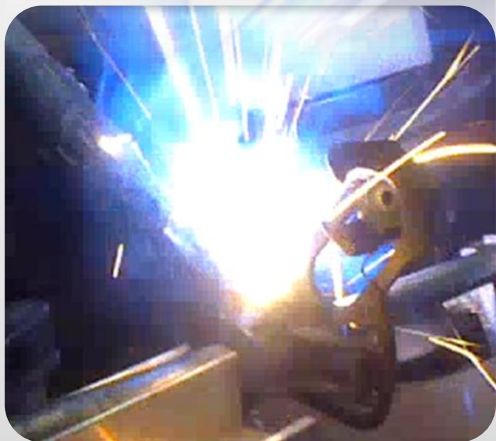




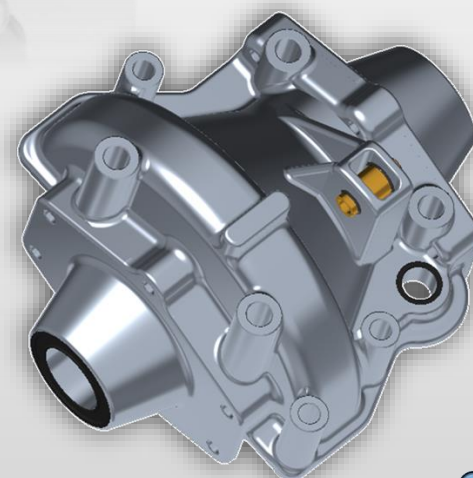
Démontage et modélisation sélecteur-cliquet moto



Fabrication mécano-soudé ens_sélecteur



Démontage + conception boîte de vitesse

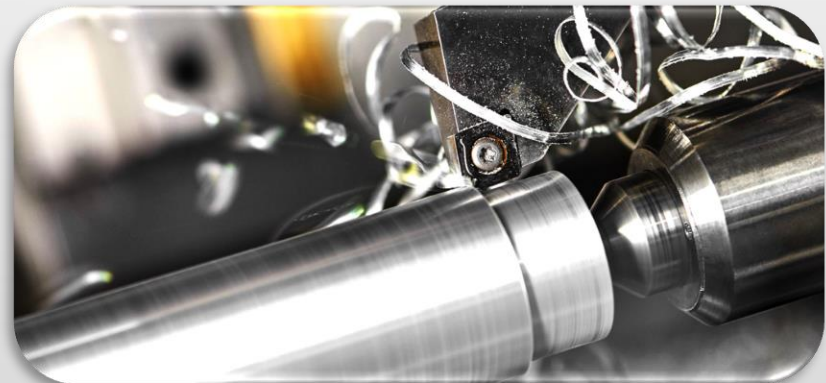


- Finalisation des fabrications assistées par ordinateur FAO

HSMWORKS

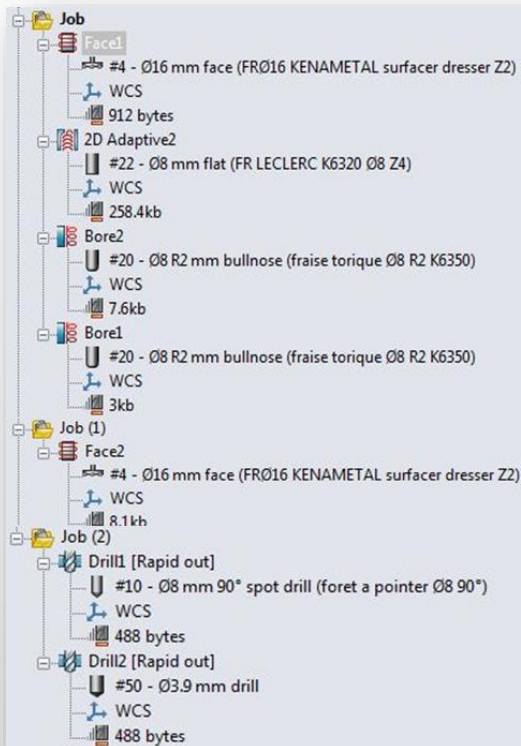
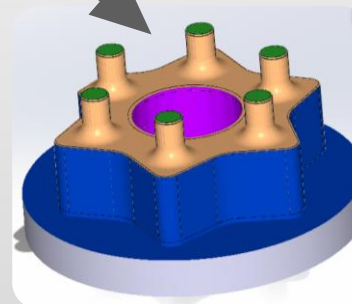
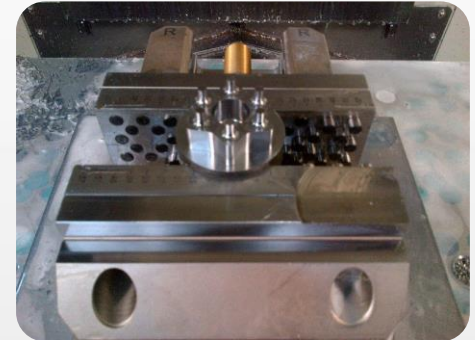
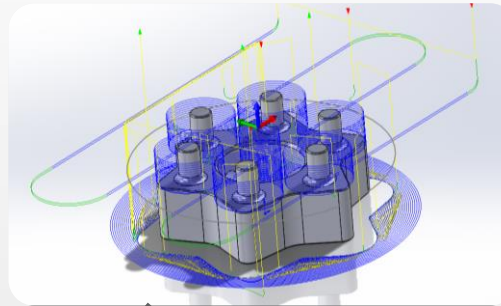
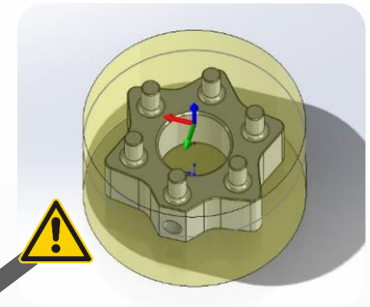
The CAM solution for SOLIDWORKS®

- Finalisation des usinages sur MOCN et MC. (Machine conventionnelle)



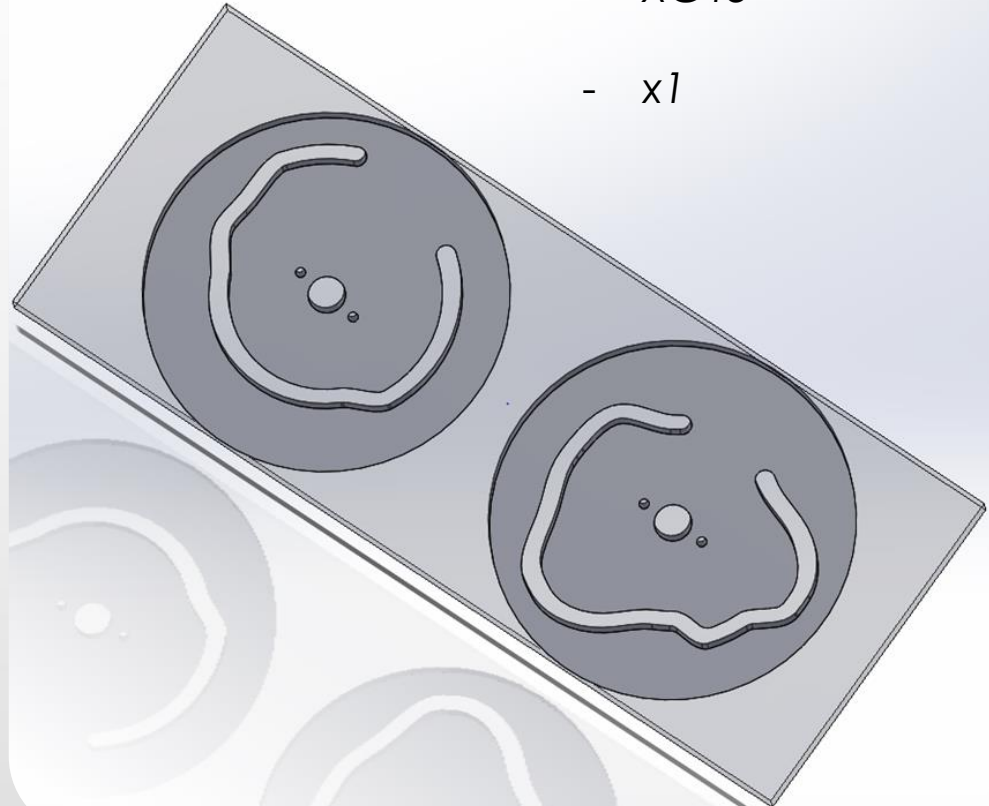
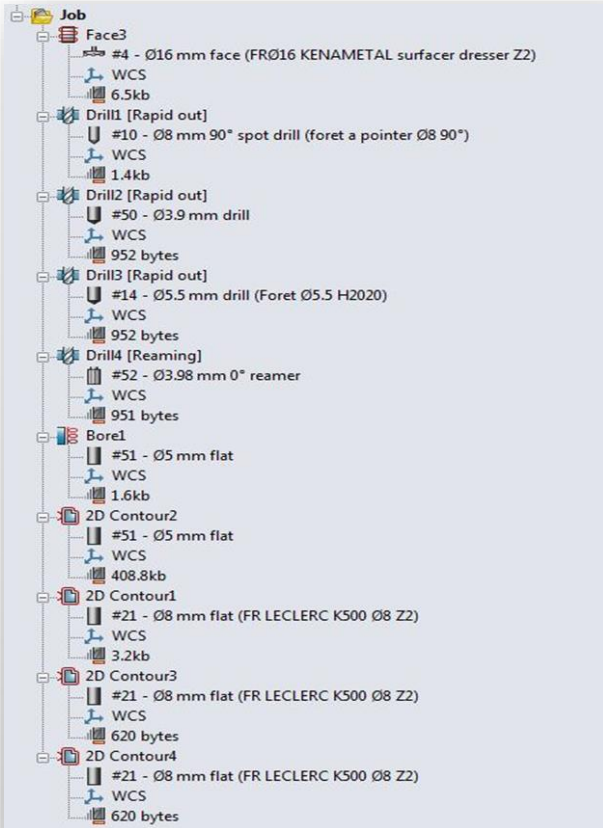
Cliquet (S3)

- C755 + Traditionnel
- 30CND8
- x2



Disques à cames circulaires (S3)

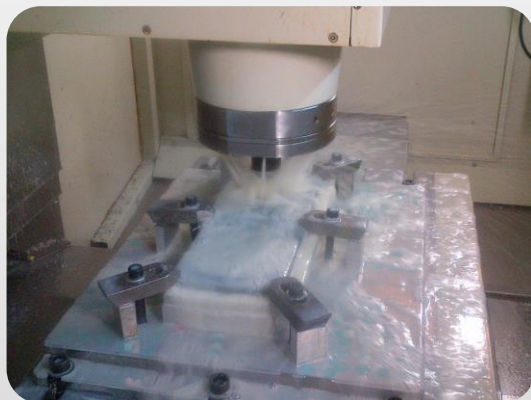
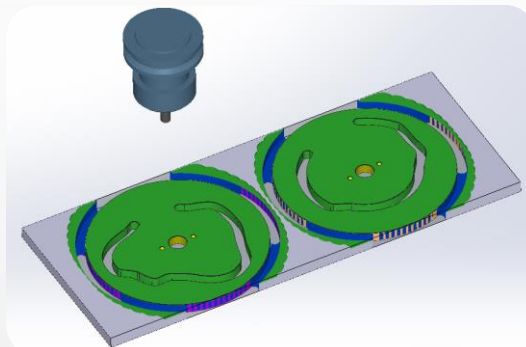
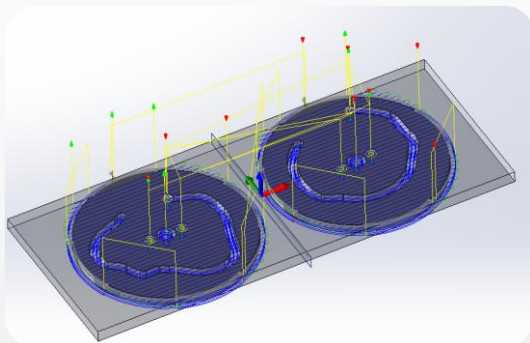
- C755 + Traditionnel
- XC48
- x1



Disques à cames circulaires (S3)

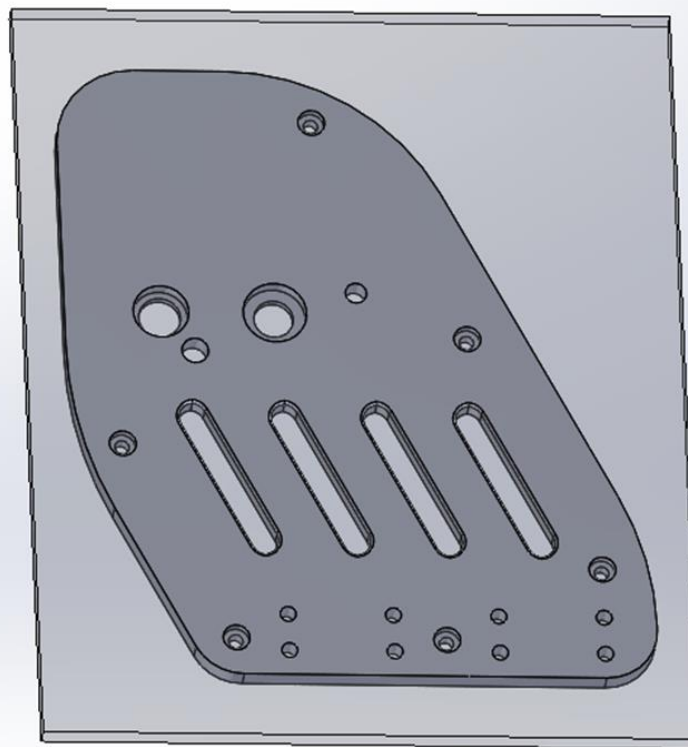
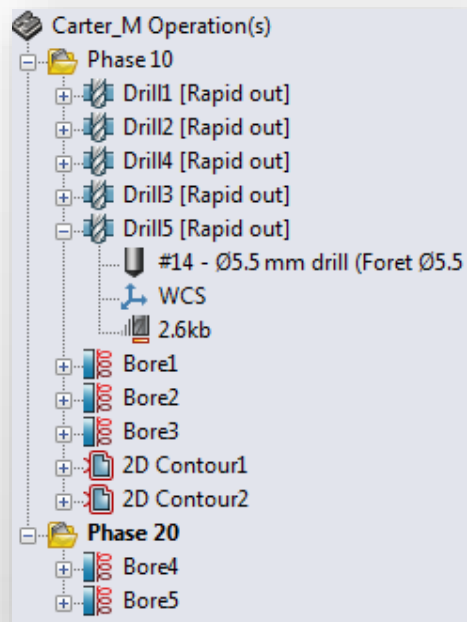


Z-

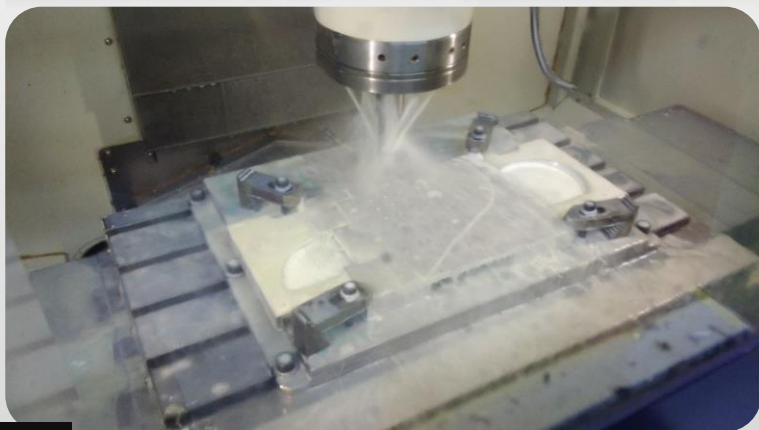
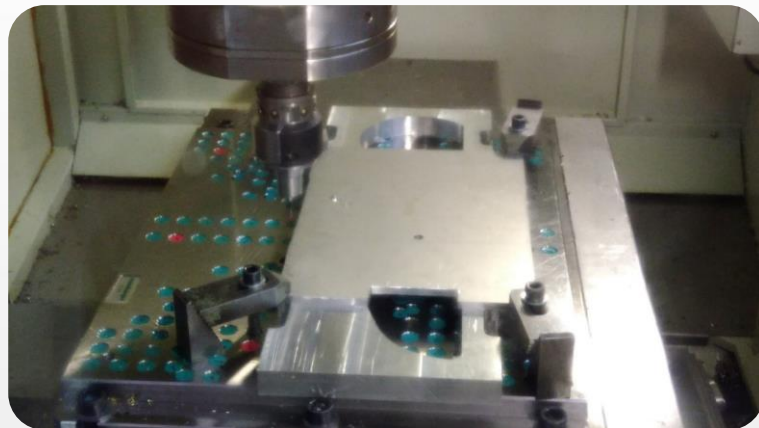
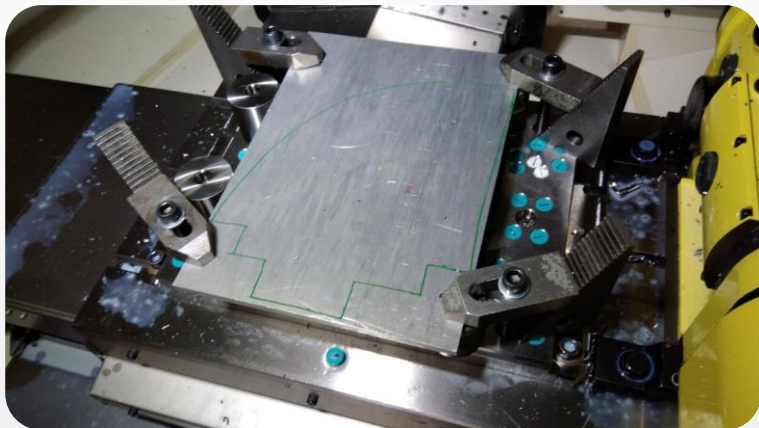


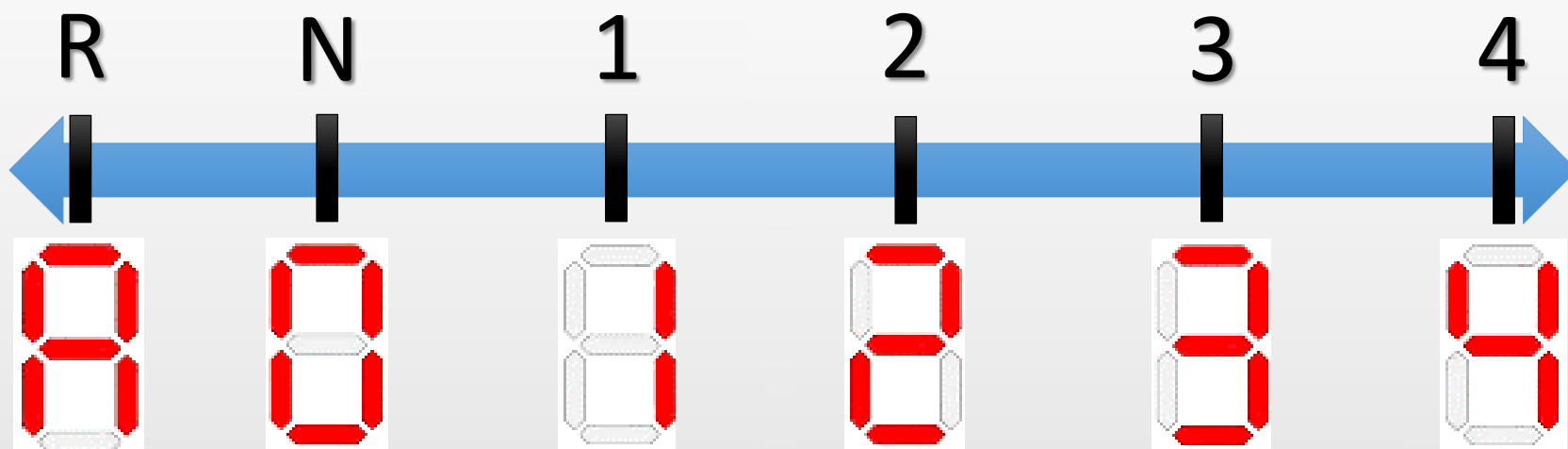
Carters (S4)

- C755 + Robodrill + Traditionnel
- AU4G 2017
- x3



Carters (S4)





Gestion des achats & approvisionnement : budget

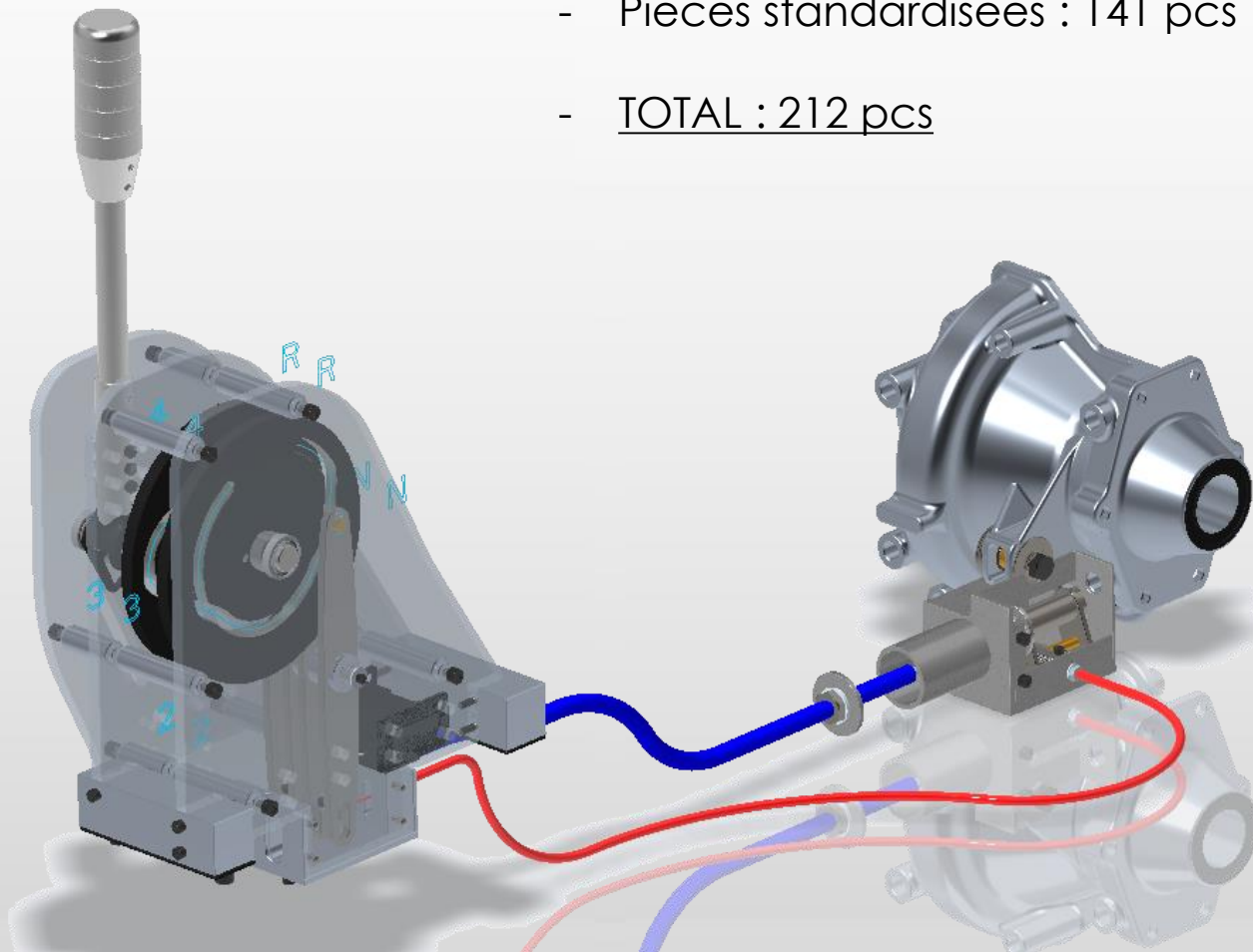
- Matériaux brut : 64€ AU4G 2017
- Câbles push pull : 125,99€
- Afficheur séquentiel numérique : 110,74€
- Sélecteur de vitesse de moto : 45€
- Roulement inox + étanchéité : 64,99€

→ TOTAL : 410,72€ sans le taux horaire d'usinage sur MOCN.

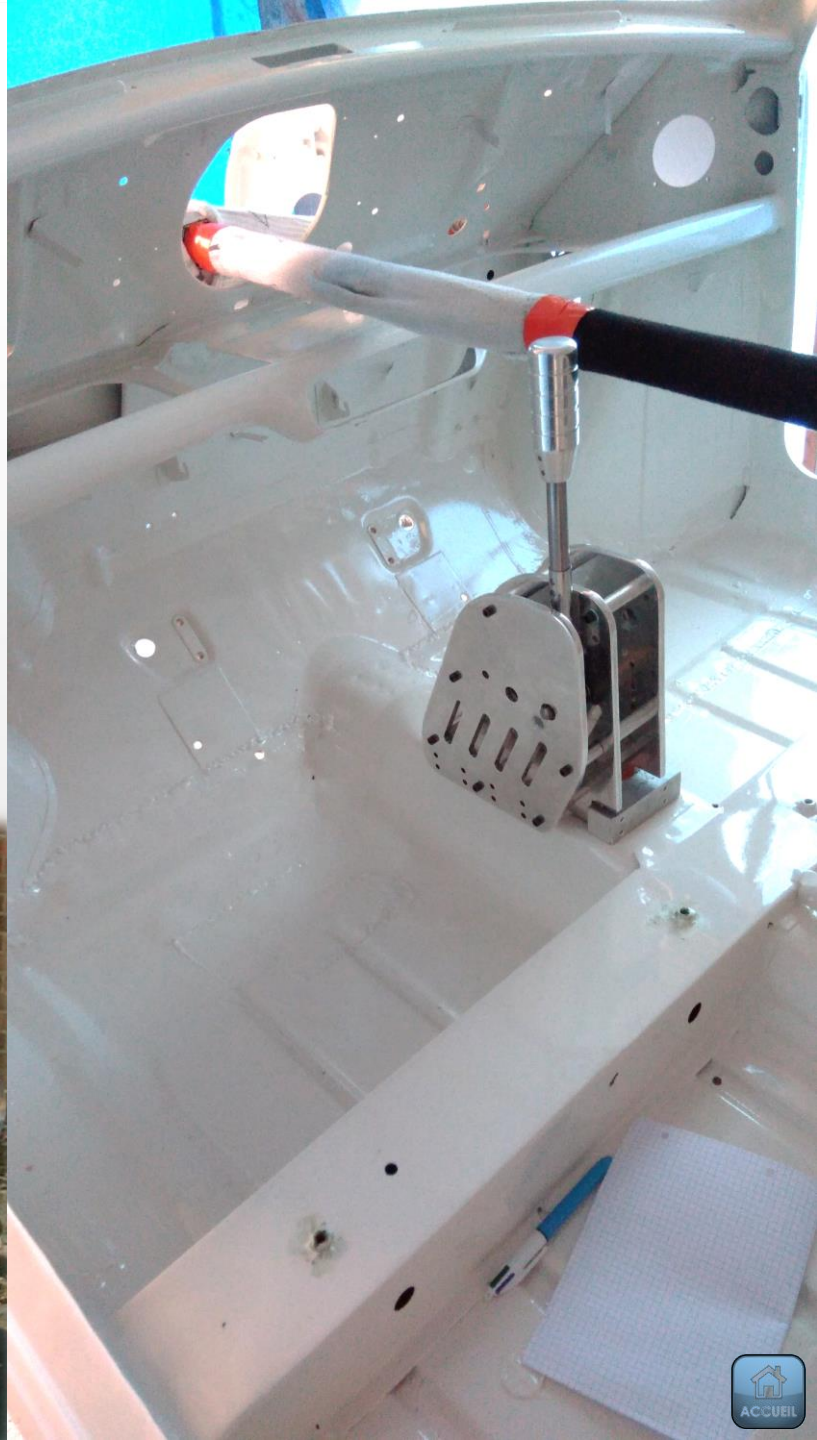


Composants

- Pièces usinées : 71 pcs
- Pièces standardisées : 141 pcs
- TOTAL : 212 pcs

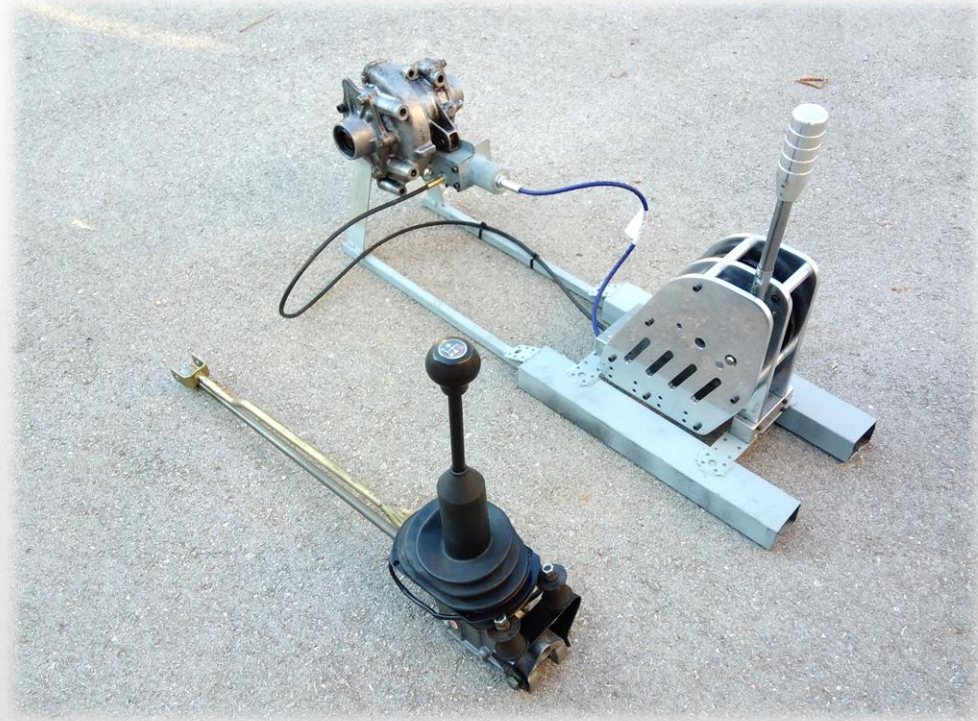


Intégration / Validation



Retour d'expérience, analyse des difficultés

- *Montage et réglage du système*





DES QUESTIONS ?

AVEZ-VOUS

