

Colony Scout - Task #1798

Mechanical Work Log

10/09/2011 03:57 AM - Dan Shope

Status:	Assigned	Start date:	10/09/2011
Priority:	Normal	Due date:	10/14/2011
Assignee:	Dan Shope	% Done:	20%
Category:	Mechanical	Estimated time:	4.00 hours
Target version:	Development		
Description <ul style="list-style-type: none">• Create undercut latch for hood (center, recess on front lip)• Increase height of hood scoop (aesthetic)• Model hood/switch as multibody part so changes to hood geometry propagate to buttons<ul style="list-style-type: none">◦ Use offset surface so "1" and "2" cuts are constant distance from top surface◦ Create "V" pivot on button piece, and corresponding "V" cutout on hood◦ Create a slide-on locking piece to prevent button from falling out of hood• Check wiring clearances inside rear chassis - some difficulty assembling right now* Change ScoutFly fasteners (4) to small thread forming screws, check clearance with headlights* Design triangular number flag on Sonar stem** Print a paper label and slide in one side, wraps around all 3 sides<ul style="list-style-type: none">◦ Label should have number (ex "101") AND allocation for naming (ex "Mr. Bickles")<ul style="list-style-type: none">▪ name in small font, need to determine character limit, number in large font			

History

#1 - 10/09/2011 03:07 PM - Dan Shope

- % Done changed from 0 to 20

#2 - 10/15/2011 12:39 PM - Dan Shope

~~* tighten geometry around pivot nut~~
~~* extend boss for IR emitters~~
~~* make all motor wiring holes match~~
~~* smaller diameter on breakfly screw mounts~~
~~* remove label hole on rear chassis~~
~~* decrease width of cliff sensor hole~~
~~* add screw bosses for rear cliff sensors~~