

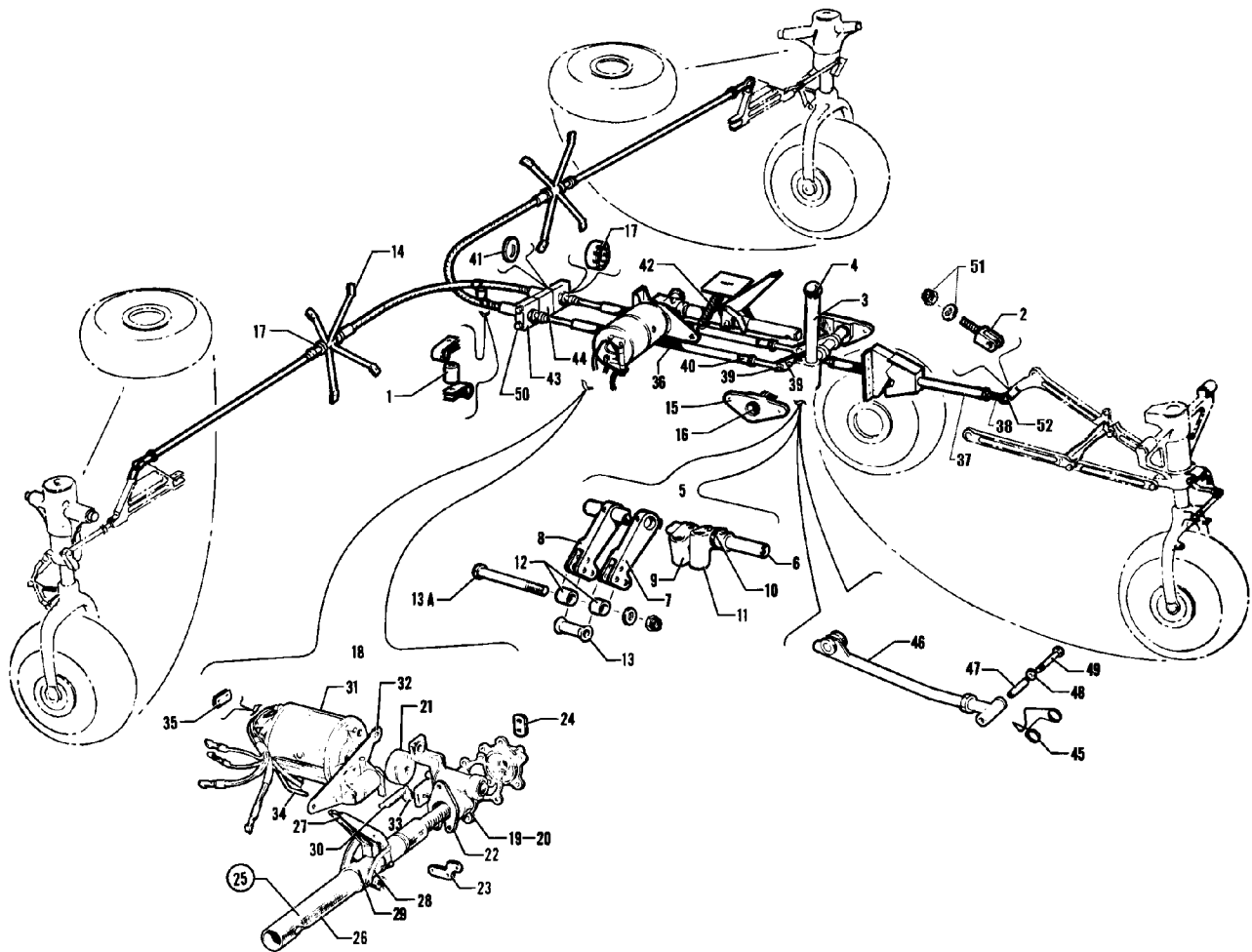


Figure 29. Landing Gear Retraction System

PIPER PARTS CATALOG

Figure and Index Number	Part Number	Code	NOMENCLATURE	No. Req.	SERIAL NUMBERS AFFECTED
29-	23B36		DRAWING - Landing Gear Retraction System		
-1	14843-62		BUSHING	1	
-2	23103-00		CLEVIS - Nose gear drag link	1	
-3	23919-00		LEVER ASSEMBLY - Landing gear extension	1	
-4	471 056		* KNOB - Red	1	
-5	23982-00		TUBE ASSEMBLY - Gear retraction torque	1	
-6	23982-02		* TUBE - Gear retraction torque	1	
-7	21012-02	Y	* ARM - Gear retraction tube, outboard	1	30-2 to 30-648 inclusive
	25137-00	AY	* ARM - Gear retraction tube, outboard	1	30-649 and up, 39-1 and up
-8	21012-03		* ARM - Gear retraction tube, inboard	1	
-9	21013-02		* SOCKET - Landing gear retraction lever	1	
-10	23970-00		* SPRING - Landing gear retraction lever	1	
-11	23973-00		* SOCKET - Landing gear retraction lever	1	
-12	14843-88		* BUSHING - Gear retraction torque tube	2	
-13	21087-00		* SPACER - Gear retraction torque tube	1	
-13a	400 939		* BOLT - (AN24-60A)	1	
	407 565		* WASHER - (AN960-416)	1	
	404 836		* NUT - (MS20364-428C)	1	
-14	21033-00		BRACKET ASSEMBLY - Landing gear control support	2	
-15	21041-00		BRACKET ASSEMBLY - Gear retracting tube	2	
-16	452 373		* BEARING	1	
-17	21063-00		NUT - Retraction push-pull cable	8	
-18	25720-00		TRANSMISSION ASSEMBLY - Landing gear retraction	1	
-19	25720-03	B	* TRANSMISSION ASSEMBLY - (Less motor)	1	
-20	25720-02	B	** TRANSMISSION ASSEMBLY - (Less motor and release arm)	1	
-21	757 833		*** COUPLING - Transmission gear retraction	1	
-22	21854-00	AYZ	*** PLATE - Transmission retainer bearings	1	
-23	24022-00	Y	*** LINK - Transmission retainer spring	1	30-2 to 30-1448 inclusive
	25719-00	YZ	*** LINK - Transmission retainer spring	1	30-1449 and up, 39-1 and up
-24	81262-95	AYZ	*** LINK - Transmission retainer bearing plate support	1	
-25	21855-00		** ARM ASSEMBLY - Gear retraction motor release	1	
-26	21704-00		*** TUBE - Landing gear transmission retraction	1	
-27	21083-03		*** ARM - Motor release	1	
-28	21080-00		*** LINK	2	
-29	21038-07		*** BUSHING	1	
-30	83302-42	Y	* SPRING ASSEMBLY - Landing gear transmission brake	1	30-2 to 30-648 inclusive
-31	21286-00		* MOTOR ASSEMBLY - Landing gear transmission retraction	1	
-32	23042-00	Y	* BRAKE AND ARM ASSEMBLY - (Complete)	1	30-2 to 30-648 inclusive
	24948-00	YZ	* BRAKE AND ARM ASSEMBLY - (Complete)	1	30-649 and up, 39-1 and up
-33	21415-00		* LINK ASSEMBLY - Landing gear transmission brake	1	30-2 to 30-648 inclusive
-34	21418-00		* ROD ASSEMBLY - Landing gear transmission brake	1	
-35	81262-82		* LINK - Landing gear transmission brake rod	1	
			A - Used if Dura Transmission is installed. Identified by Part No. 1010250 stamped on Transmission housing. B - Also Order Brake and Arm Assembly 24948-00 if existing assembly does not include a plunger type brake. Y - Used on PA-30 airplanes only. Z - Used on PA-39 airplanes only.		

When ordering, always specify Part Number, Description, and Serial Number of Aircraft